

Internal Quality Assurance Cell

Meeting



Academic Year – 2016-17

September 14, 2016



Smt. Hiraben Vitthalbhai Hemdas Patel
Institute of P G Studies and Research

(A Constituent Institute of Kadi Sarva Vishwavidyalaya, Gandhinagar)

Sarva Vidyalaya Campus, Kadi

14-Sep-16



HVHP Institute of PG Studies and Research, Sarva Vidyalaya Campus, Kadi



Year of Establishment : 2012



IQAC Members

Name	Designation in Institute	Designation in IQAC
Dr. Ajay Gor	Director	Chair person
Dr. Minal Trivedi	Principal	Co-Chair person
Dr. Aditee Pandya	Assistant Professor	Coordinator
Dr. Bharat Makwana	Assistant Professor	Co-Coordinator
Dr. Jaymin Ray	Assistant Professor	Co-Coordinator
Dr. Kalavati Prajapati	Head, Microbiology Dept., Assistant Professor	Member
Dr. Chintan Pandya	Head, Chemistry Dept. (PG Section), Assistant Professor	Member
Dr. Rekha Patel	Head, Chemistry Dept. (UG Section), Assistant Professor	Member
Ms. Alpa Jani	Head, English Dept., Assistant Professor	Member
Ms. Jagruti Jagiwala	Head, Botany Dept., Assistant Professor	Member
Mr. Mohit Swadia	Head, Physics Dept., Assistant Professor	Member
Ms. Drashti Goswami	Student	Student Representative
Ms. Vegad Mittal	Student	Student Representative
Mr. Vivek Patel	Teaching Assistant, Kadi	Alumni Student
Mr. Deepak Sharma	Teaching Assistant, Kadi	Alumni Student
Mr. Tapan Patel	Coral Pharmaceutical Pvt. Ltd.	Member of Industry
Mr. Vashisthbhai Bhatt	Kadi	Member of Society



Name of Programs offered

1) Under Graduate Programs

- a) B.Sc. Chemistry**
- b) B.Sc. Microbiology**

2) Post Graduate Programs

- a) M.Sc. Chemistry**
- b) M. Sc. Microbiology**
- c) M.A. English**



Student Intake



Programme offered

Student Intake

B.Sc. - Chemistry

698

B.Sc. - Microbiology

262

M.Sc. - Chemistry

272

M.Sc. - Microbiology

26

M.A. - English

21

Total

1279



Student Entry level



Last Year (2015-16)

Current Year (2016-17)

Course	Opening Rank/%	Closing Rank/%	Course	Opening Rank/%	Closing Rank/%
B.Sc. Chemistry	76.92	41.54	B.Sc. Chemistry	76.20	33.20
B.Sc. Microbiology	77.38	44.31	B.Sc. Microbiology	76.20	33.80
M.Sc. Chemistry	76.00	40.95	M.Sc. Chemistry	76.80	49.18
M.A. English	70.00	43.63	M.Sc. Microbiology	80.80	54.60



Semester-wise Days available (Academic Year 2016-17) B.Sc. /M.Sc./M.A.



ODD SEMESTER

Month	No. of days available	Sundays	Public holidays	Examination Days	Working Days
June-2016	30	04	00	--	26
July-2016	31	05	01	--	25
August-2016	31	04	03+ 4 (vacation)	--	20
September-2016	30	04	02	--	24
October-2016	31	05	6	10	10
November-2016	30	04	6 (vacation)	10	10
Total	183	26	22	11	115



Part A :

Activities and Achievements

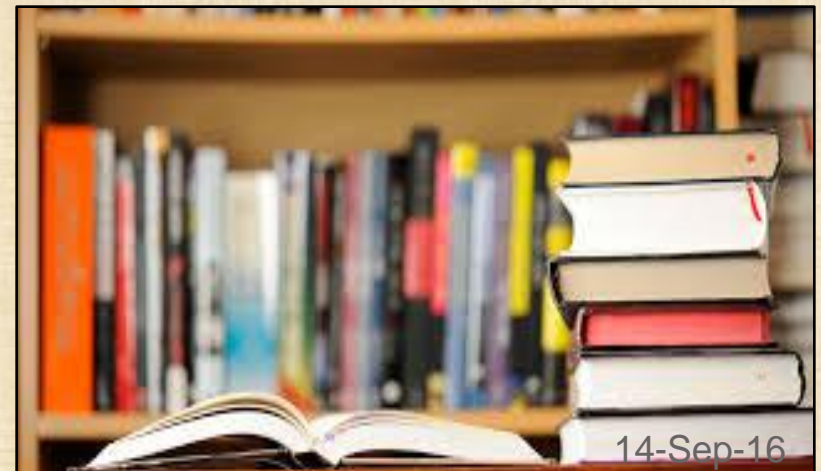


Key Areas

- **Infrastructure and Learning Resources**
- **Teaching-learning and Evaluation**
- **Research and Faculty Development**
- **Areas of Consultancy and Income generated**
- **Students Progression and Support**
- **Result Summary**
- **Placement Summary**



INFRASTRUCTURE AND LEARNING RESOURCES





Details of Infrastructure



Facilities	Existing		Total
Class rooms	12		12
Laboratories	<ol style="list-style-type: none">1) Chemistry2) Microbiology3) Botany4) Physics5) Research6) Plant Tissue Culture7) Language Laboratory	<ol style="list-style-type: none">4112111	11
Seminar Halls	<ol style="list-style-type: none">1) Virtual Classroom -12) Dr.Rambhai Patel Sanskar Bhavan,3) Shree Maneklal .M.Patel Saheb conference Hall,4) Shri A H Patel Indoor Sports Complex & Multi Purpose Hall		



Details of Infrastructure



Count

Facilities	Existing	Newly added	Total
No. of important equipments purchased during the current year.	77	12	89
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs. 5.36 lakhs	Rs.4.00 lakhs	9.36 lakhs
Other Institutional facilities	1. Hostels: <ul style="list-style-type: none">- Girls Hostel- Boys Hostel 2. Internet facility: <ul style="list-style-type: none">- Wi-Fi Facility 3. Transportation Facility		



LIBRARY DATABASE



Count

Items	Existing		Newly added	
	No.	Value	No.	Value
Text Books	4312	8,95,783/-	351	47,576/-
Reference Books	21752			--
e-Books	125000+	--	10,000	--
Journals	80 Titles,	1,88,284/-	Regular renewal as subscription expires	--
e-Journals	6000+	--	--	--
CD & Video	609	--	--	--
Digital Database	*Digital library, *Study material, *Previous University-Exam Papers, *Syllabus			
Others (specify)	*Back Volumes –Last 5-10 Years, *News Papers 4 Titles			



LIBRARY SERVICES



Count

Service	Available / Not Available	No. of Beneficiaries per month (Approx.)
Reference Services	Available	325
Referral Services	Available	9
Inter library loan services	Available	24
Current Awareness services	Available	350
Selective dissemination Information	Available	150
Reprography	Available	90
Printing services	Available	
Internet nodes	Available (6 nodes)	1200 per year
Reading facility	Available AC reading hall	100 seating capacity



LIBRARY AUTOMATION



1. Library Information System:

- ☒ **“SOUL 2.0” – Library automation software (From UGC grant)**
- ☒ **Online Public Access Catalogue (OPAC)**
- ☒ **Use of Digital Repository**

2. Digital Library Software:

- ☒ **“Dspace” The best digital library software of international standard**

3. SMS Alert:

- ☒ **New Card, Reminder and special alerts**



LIBRARY USAGES



- 1) Students Issue / Return per day : 90**
- 2) Faculty Issue / Return per month : 394**
- 3) No. of students visitors per day: 170**
- 4) No. of faculty visitors per day: 9**



TEACHING-LEARNING AND EVALUATION





PARTICIPATION OF DEPARTMENT FOR OTHER INSTITUTION WORK



Department/ Institute/ University	Work carried out	No. of Faculties	No. of Hours (per week)
Botany Department	Agriculture and Soil Sciences – Community college program	3	12 hrs
English Department	B.Voc., (Pharmaceutical Chemistry, Textile and Ginning Technology, Ceramic Technology) Community College, Agriculture and Soil Sciences	3	6 hrs
Microbiology Department	B.Voc., (Pharmaceutical Chemistry), Agriculture and Soil Sciences	1	2 hrs



PARTICIPATION OF DEPARTMENT FOR OTHER INSTITUTION WORK



Count

Department/ Institute/ University	Work carried out	No. of Faculties	No. of Hours (per week)
Physics Department	B.Voc. (Textile and Ginning Technology)	1	4
Chemistry Department	B.Voc. (Pharmaceutical Chemistry, Textile and Ginning Technology, Ceramic Technology)	3	12



Student Counseling (Mentoring)



Sr. No.	Mentor Name	Class	No. of student assigned
1	Dr. Minal Trivedi	M.Sc. Micro Sem I	26
2	Dr. Malay Bhatt	M.Sc. Chemistry Sem I	45
3	Mr. Sunil P. Patel	M.Sc. Chemistry Sem I	53
4	Mr. Dhaval Mevada	M.Sc. Chemistry Sem I	55
5	Ms. Reenu Abraham	M.Sc. Chemistry Sem I	50
6	Dr. Chintan Pandya	M.Sc. Chemistry Sem III	94
7	Ms. Dhara Choksi	M.A. English Sem III	20
8	Dr. Kalavati Prajapati	B.Sc. Micro Sem V	48
9	Dr. Jagruti Jagiwala	B.Sc. Micro Sem V	49
10	Dr. Aditee Pandya	B.Sc. Micro Sem III	45
11	Ms. Zarna Bhatt	B.Sc. Micro Sem III	56
12	Ms. Dolly Patel	B.Sc. Micro Sem I	45
13	Ms. Shivani Mistry	B.Sc. Micro Sem I	45
14	Mr. Viral A. Patel	B.Sc. Chemisrty Sem V	51
15	Dr. Bharat Makwana	B.Sc. Chemistry Sem V	37
16	Mr. Deepak Sharma	B.Sc. Chemistry Sem V	34
17	Ms. Bhoomika Korat	B.Sc. Chemistry Sem V	38



Student Counseling (Mentoring)



Sr. No.	Mentor Name	Class	No. Of student assigned
18	Mr. Parth Parikh	B.Sc. Chemistry Sem V	38
19	Ms. Pooja Popat	B.Sc. Chemistry Sem V	30
20	Dr. Kinjal Patel	B.Sc. Chemistry Sem III	29
21	Mr. Mohit Swadia	B.Sc. Chemistry Sem III	41
22	Dr. Harshal Deota	B.Sc. Chemistry Sem III	38
23	Dr. Rekha M. Patel	B.Sc. Chemisrty Sem III	40
24	Mr. Vivek Platel	B.Sc. Chemisrty Sem III	39
25	Dr. Jasmin H. Kumbhani	B.Sc. Chemistry Sem III	45
26	Dr. Pratik Dave	B.Sc. Chemistry Sem I	55
27	Dr. Sunil T. Patel	B.Sc. Chemistry Sem I	46
28	Mr. Parth Pandya	B.Sc. Chemistry Sem I	75
29	Dr. Jaymin Ray	B.Sc. Chemistry Sem I	37
30	Ms. Sujata Singh	B.Sc. Chemistry Sem I	55



EVALUATION METHODOLOGY



- ☐ **Maintenance of Academic Diary**
- ☐ **Participation in co curricular activities**
- ☐ **Readiness to take responsibilities**
- ☐ **Administrative tasks**
- ☐ **Self Appraisal Form (as per University)**
- ☐ **Students Feedback**
 - **Interest generated by teacher**
 - **Ability to integrate course material with environment**
 - **Ability to integrate across courses drawn upon other**
 - **Accessibility of teacher in and out of class**
 - **Ability of designing quizzes/ examinations/ projects etc to test understanding**
 - **Provision of sufficiently timely feedback**
 - **Knowledge base of teacher**
 - **Sincerity/ Commitment**



RESEARCH and Faculty Development





Ph. D. / M. Phil



Department of Microbiology

Sr. No.	Name of the Staff Members	Experience at Institute (Years)	Whether Enrolled/ Completed Ph.D.	If not enrolled probable date of enrollment	Probable time of completion of Ph.D.
1	Dr. Minal Trivedi, Principal	12	Completed	--	--
2	Dr. Kalavati Prajapati, Assistant Professor	8	Completed	--	--
3	Dr. Aditee Pandya, Assistant Professor	3	Completed	--	--
4	Ms. Dolly Patel, Teaching Assistant	1	Enrolled	--	2017
5	Ms. Shivani Mistry Teaching Assisant	2 months	M.Phil. Complete	--	--



Ph. D. / M. Phil

Department of Chemistry

Sr. No.	Name of the Staff Members	Experience at Institute (Years)	Whether Enrolled/ Completed Ph.D.
1	Dr. Chintan Pandya	3	Complete
2	Dr. Rekha M. Patel	5	Complete
3	Dr. Bharat Makwana	3	Complete
4	Dr. Pratik Dave	3	Complete
5	Dr. Sunil T. Patel	2	Complete
6	Dr. Jasmin H. Kumbhani	4	Complete
7	Dr. Malay Bhatt	3 Months	Complete



Ph. D. / M. Phil



Count

Department of Chemistry

Sr. No.	Name of the Staff Members	Experience at Institute (Years)	Whether Enrolled/ Completed Ph.D	If not enrolled probable date of enrollment	Probable time of completion of Ph.D.
8	Mr. Viral A. Patel	2	Enrolled	--	Dec. 2019
9	Mr. Vivek Platel	3 months	No	June 2017	--
10	Mr. Deepak Sharma	3 months	No	June 2017	--
11	Mr. Sunil Patel	3 months	No	June 2017	--
12	Mr. Dhaval Mevada	3 months	No	June 2017	--
13	Ms. Bhoomika Korat	3 months	No	June 2017	--
14	Ms. Reenu Abraham	2	No	June 2017	--
15	Mr. Parth Parikh	2	No	June 2017	--
16	Ms. Pooja Popat IQAC 2016-17	1	No	Dec. 2016 (Appeared for entrance exam)	-- 14-Sep-16



Ph. D. / M. Phil



Department of Physics

Sr. No.	Name of the Staff Members	Experience at Institute (Years)	Whether Enrolled/ Completed Ph.D.	If not enrolled probable date of enrollment	Probable time of completion of Ph.D.
1	Mr. Mohit Swadia, Assistant Professor	3	Enrolled	--	Dec. 2016
2	Dr. Harshal Deota, Assistant Professor	1	Completed	--	--
3	Dr. Jaymin Ray, Assistant Professor	3 months	Completed	--	--
4	Dr. Kinjal Patel, Assistant Professor	3 months	Completed	--	--
5	Ms. Sujata Singh, Assistant Professor	3 months	No	June 2017	--
6	Ms. Radhika Patel, Teaching Assistant	3 months	No	June 2017	--
7	Mr. Rajan Patel, Teaching Assistant	3 months	No	Dec. 2016	--
8	Mr. Parth pandya, Assistant Professor (Maths)	1	No	June 2017	



Ph. D. / M. Phil



Department of Botany

Sr. No	Name of the Staff Members	Experience at Institute (Years)	Whether Enrolled/ Completed Ph.D	If not enrolled probable date of enrollment	Probable time of completion of Ph.D.
1	Dr. Jagruti Jagiwala, Assistant Professor	4	Complete	--	--
2	Dr. Shraddha Trivedi, Assistant Professor	3	Complete	--	--
3	Ms. Zarna Bhatt, Teaching Assistant	2	No	June 2017	--
4	Ms. Dipika Rathod, Teaching Assistant	2	Enrolled	--	March 2017



Ph. D. / M. Phil



Department of English

Sr. No.	Name of the Staff Members	Experience at Institute (Years)	Whether Enrolled/ Completed Ph.D.	If not enrolled probable date of enrollment	Probable time of completion of Ph.D.
1	Dr. Alpa Jani, Assistant Professor	8	Complete	--	--
2	Ms. Kundan Makwana, Assistant Professor	6	M.Phil. Complete Ph.D. Enrolled	--	--
3	Ms. Devarshi Modi, Teaching Assistant	7 months	No	June – 2017	--
4	Ms. Dhara Choksi, Teaching Assistant	10 months	No	June - 2017	--
5	Mr. Samir Pandya Assistant Professor	2	Enrolled		2019



Ph. D. / M. Phil

Summary



Department	Designation	No. of faculties	Ph.D./MPhil	Enrolled Faculties	Yet to registered
Microbiology	Assistant Professor	3	3	--	--
	Teaching Assistant	2	0/1	1	--
Chemistry	Assistant Professor	7	7	--	--
	Teaching Assistant	9	--	1	8
Physics	Assistant Professor	5	3	1	1
	Teaching Assistant	2	--	--	2
Botany	Assistant Professor	2	2	--	--
	Teaching Assistant	2	--	1	1
English	Assistant Professor	3	1/1	1	--
	Teaching Assistant	2	--	--	2
Mathematics	Assistant Professor	1	--	--	1
Total	Assistant Professor	21	16/1	2	2
	Teaching Assistant	17	0/1	3	13



RESEARCH FACILITIES

Infrastructure Available :

- **Advanced Plant Tissue Culture Laboratory**
- **Research Laboratory (Centralized) with instruments like HPCL, UPLC, GC, FTIR , UV Visible Spectrophotometer, KF Moisture content, Workstation for Physics**

(shared with PSSHDA)



DETAILS OF FACULTIES

AS RESEARCH GUIDE



Name of Faculty	Research Area	No. of working students			No. of students awarded the degree		
		PG Dissertation	M. Phil	Ph.D.	PG Dissertation	M. Phil	Ph.D.
Dr. Chintan Pandya	Analytical Method Development	--	--	3	5	--	--
Dr. Bharat Makwana	Nanoscience, supramolecules	--	--	--	2	--	--
Dr. Rekha Patel	Hetrocyclic Compounds	--	--	--	1	--	--
Dr. Sunil Patel	Chiral Catalysis	--	--	--	1	--	--
Dr. Jaymin Ray	Thin film based UV Detector	5	--	--	--	--	--
Mr. Pankaj Vekariya	Computational chemistry	--	--	--	1	--	--



RESEARCH PROJECTS



Sr. No.	Name of Faculty	Minor/ Major Project	Title of Research Project	Funding Agency	Funds (lacks)	Duration/ Status
1	Dr.Chintan Pandya	Minor	Development of Analytical method, validation and applications for some API Drug	GUJCOST	2.2	2 Years
2	Dr. Bharat Makwana	Minor	Supramolecules assembly	GUJCOST	2.7	2 years
3	Dr. Jaymin Ray	Minor	Fabrication of Flexible Lead Sulphide Nanocrystalline Photodetector by Solution Growth Techniques	GUJCOST	9.9	2 Years (Proposed)
4	Dr. Kinjal Patel	Minor	Study of p-Cu ₂ ZnSnS ₄ /n-CdS Interface for Thin Film Solar Cells Application	GUJCOST	9.81	2 years (Proposed)
5	Dr. Kalavati Prajapati	Minor	Waterless Farming	GUJCOST	9.0	2 years (Proposed)



RESEARCH PUBLICATIONS



Sr. No	Name of Faculty	No. of National Research paper	No. of International Research paper	Citation	Impact Factor of Journal
1	Dr. Kalavati Prajapati	---	01	----	5.12
2	Dr. Bharat Makwana	---	02	--	(4.75, 3.25)
3	Dr. Chintan Pandya	---	02	--	(3.37, 1.6)
4	Dr. Jaymin Ray	---	01	----	1.1



LIST OF BOOKS/ ARTICLES PUBLISHED BY FACULTIES



Sr. No.	Name of Faculty	Title of Book/Article	Publisher	Year	ISSN/ ISBN No.
1	Dr. Chintan Pandya	Marine water quality and study of Alang- Sosiya ship braking yard	LAMBERT Academic publishing, Germany	2016	9783659899669



FACULTY'S PARTICIPATION/PRESENTATION IN CONFERENCES/SYMPOSIA



Name of Faculty	Date & place	Attended Seminars/ Workshop	Level (State/National /International)	Awards
Dr. Minal Trivedi	12-13/04/2016	Role of Govt. & Industries in vocalionalization of higher education	National	----
Dr. Bharat Makwana	13-14 April 2016	4th international conference on nanoparticals for pharmaceutical application , Surat	International - 1	--- ----
Dr. Bharat Makwana	07/08 September 2016	CRCP 2016, Indian Institute Of Advanced Research, Gandhinagar	National - 1	Invited talk



SEMINARS/CONFERENCES/WORKSHOPS/STTP'S ORGANIZED BY COLLEGE/ DEPARTMENT



Sr. No	Title of Seminar	Date	Level (State/ National/ International)	No. of Participants /Visitors	No. of Participants from Institute	Total Hrs.	Man Days
1	Hands on Sophisticated Analytical Instruments	24/05/2016 To 05/06/2016 (10 Days)	State	55	01	5 hrs/day	343
2	Crash workshop BT-CBC	05-05/2016 To 10/05/2016 (5 Days)	State	80	50	12 hrs/day	600
3	Library orientation program	9/10/2016	Institute	325	325	1 hrs/day	41



Eminent Scientist Visited the Institute



- 1) **Mr. Rajendra Vadnere**
- AGM, Aqua life Pharmaceutical
- 2) **Mr. Deepak Panchal**
- R & D, Consulting Expert, VASA Pharmaceutical
- 3) **Prof. Hitesh Patel**
- Organic Chemistry, School Of Sciences, Gujarat University
- 4) **Dr. Piyush Vyas**
- Inorganic Chemistry, HNGU Patan



AREAS OF CONSULTANCY AND INCOME GENERATED



Name of Project	Name/No. of Students	Income generated	Project time duration	Department
Hands on Sophisticated Analytical Instruments	55	Rs. 38,500/-	10 Days	Chemistry Department
IR Analysis	1	Rs. 1600/-	3 Days	



AREAS OF CONSULTANCY AND INCOME GENERATED



Name of Project	Name of Students	Income generated	Project time duration	Department
Water Analysis	---	---	Every 15 days per months	Microbiology Dept.
Blood Groping	English Medium School students	---	2 Days	
Anti microbial Activity	Ms. Bhoomika Mistry (Pecific University)	1000/-	7 days	
	Mr. Hardas (HNGU, Patan)	2500/-		
	Mr. Ganpat (Zydus Pharma)	1000/-		
Ph.D. work	Ms. Priyanka Prajapati (Pacific university)	2500/-	7 days	
Water level Indicator (Science Fair)	Mr. Yash K Patel and Group (S V English medium school)	---	3 days	Physics Dept.



STUDENTS PROGRESSION AND SUPPORT





Student Achievement

Sr. No.	Name of Students	Achievement
1	Ms. Kajal patel Mr. Darshan Patel Mr. Mehul Solanki Mr. Aniket Patel Mr. Harmin Detheria	Selected For Entrepreneurship Development Workshop (25 Days)
2	Ms. Nancy Bagariya	Cleared JNU Entrance test All India Test Rank - 432
3	Ms. Jaimini Patel	Selected for American Chemical Society Membership (ACS-2016-17)



INDUSTRIAL VISITS & TRAINING



Sr. No	Name of Industry	Date of Visit	Learning outcome	Department	No. of student s	No. of Hrs	Man hrs.
1	Amul Dairy, Anand	July 2016	Visited various manufacturing plants	Microbiology	80	4	320
2	R K Synthesis LTD., Vatva GIDC	August 2016	Visited various manufacturing plants	Chemistry (SEM –V, T3)	50	4	200
3	Field Visit at Jagudan Spice Research Center	July 2016 and August 2016	Observation of various spices and pethogens	Botany (SEM-I Microbiology)	93 (43+50)	3 /day	279
4	L.D. Musium, Ahmedabad	August 2016	Presentation and speech	English	19	6	114



INDUSTRIAL VISITS & TRAINING



Sr. No	Name of Industry	Date of Visit	Learning outcome	Department	No. of student s	No. of Hrs	Man hrs.
5	SCIRT, V. V. nagar	August 2016	Observation of various sophisticated instruments and research related testing	Chemistry	52	8	416
6	Water treatment Plant, Kadi	September 2016	Observation of Waste water treatment units	Botany (SEM V T2 chemistry)	46	3	138
7	R K Synthesis LTD., Vatva GIDC	September 2016	Visited various manufacturing plants	Chemistry (SEM –V, T4+T1)	50	4	200
8	Nir Life Pharmascutical	September 2016	Visited various manufacturing plants	M.Sc. (SEM I)	6	4	24



Institutional ACTIVITIES



- ✓ **Teacher's day celebration**
- ✓ **Sapt-Dhara Activities for Sports and cultural events**
 - ***No. of participants In sports : 125***
 - ***No. of Participants in cultural events : 210***
- ✓ **Poster competition for First year B.Sc. Students**



Financial Assistance to the Students Summary

Sr. No.	Year 2016-17	Number of students	Amount (Rs.)
1	Mean Scholarship from Gandhinagar	21	1,52,900/-
2	Scholar ship from Govt./other sources	26	6,61,400/-
Total			8,14,300/-



Financial Assistance to the Students Category wise



Sr. No.	Year 2016-17	Scheduled Cast	Scheduled Tribe	SEBC/OBC	Open
1	Mean Scholarship from Gandhinagar	--	--	6	15
2	Scholar ship from Govt./other sources	--	26	--	--



INNOVATIVE PRACTICES



Water Analysis

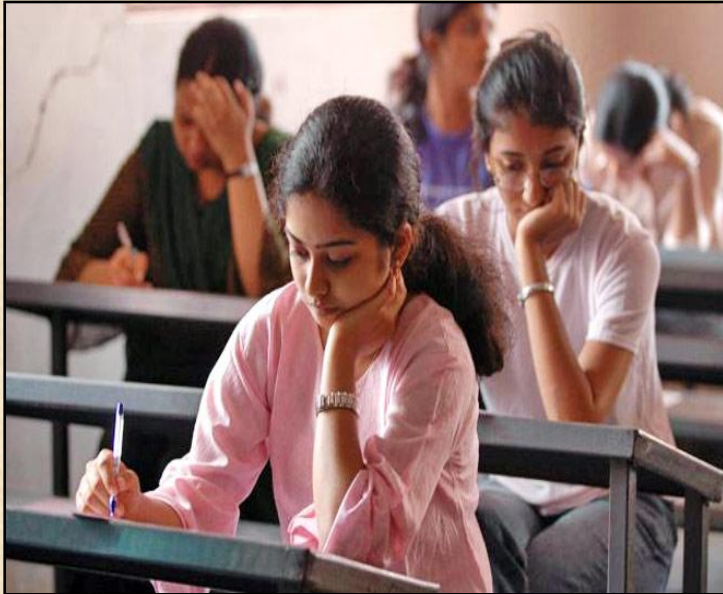


INNOVATIVE PRACTICES

Sr. No.	Name of Practice
1	<i>Mentorship through mentor report card</i>
2	<i>“Sarva Netrutva” Awareness for Right to Food</i>
3	<i>Microbiology Study Circle – Determination of Anti-Microbial Activities as a consultancy work</i>
4	<i>Water Analysis</i>
5	<i>Botany Study Circle – Preparation of models and posters related to biological sciences</i>
6	<i>Competitive Exam /NET/SLET Coaching – Chemistry Department</i>



RESULT SUMMARY





Subject: M.A. (English)



Semester	No. of students appeared	SGPA					ATKT	No. of detained students
		≥ 9	8.0 to 8.99	7.0 to 7.99	6.0 to 6.99	5.0 to 5.99		
II	20	--	--	15	05	--	--	--
IV	16	--	05	05	06	--	--	--



Subject: M. Sc. (Chemistry)



Semester	No. of students appeared	SGPA					ATKT	No. of detained students
		≥ 9	8.0 to 8.99	7.0 to 7.99	6.0 to 6.99	5.0 to 4.99		
II	94	--	1	33	48	09	03	--
IV Analytical Chemistry	08	1	2	4	1	--	--	--
IV Organic Chemistry	20	--	2	14	4	--	--	--



Subject: B.Sc. (Microbiology)



Semester	No. of students appeared	SGPA						ATKT	No. of detained students
		≥ 9	8.0 to 8.99	7.0 to 7.99	6.0 to 6.99	5.0 to 5.99	4.5 to 4.99		
II	92	1	8	33	33	13	2	2	--
IV	96	2	7	46	35	5	1	--	--
VI	64	2	5	30	25	2	--	--	--



Subject: B. Sc. (Chemistry)



Semester	No. of students appeared	SGPA						ATKT	No. of detained students
		≥ 9	8.0 to 8.99	7.0 to 7.99	6.0 to 6.99	5.0 to 5.99	4.5 to 4.99		
II Maths	160 + 1(wh)	0	6	17	34	21	--	78	3
II Botany	79	--	2	15	28	13	--	21	--
IV	227	--	9	63	83	18	--	54	--
VI	116	--	15	55	33	13	--	--	--

Wh – Result Waiting



SUBJECT WISE GRADE PERFORMANCE



M.A. ENGLISH - *SEMESTER II*

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.A. English II	MAE-201	20	--	--	1	14	5	--	--
	MAE-202	20	--	--	5	14	1	--	--
	MAE-203	20	--	--	14	6	0	--	--
	MAE-204	20	--	--	5	9	6	--	--

M.A. ENGLISH - *SEMESTER IV*

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.A. English II	MAE-401	16	--	--	7	6	3	--	--
	MAE-402	16	--	4	5	7	--	--	--
	MAE-403	16	--	--	5	8	3	--	--
	MAE-404	16	--	--	5	7	4	--	--



M.Sc. CHEMISTRY - *SEMESTER IV* (*ORGANIC CHEMISTRY*)



Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc. Chemistry IV	CH-OC-401	20	--	3	5	12	--	--	--
	CH-OC-402	20	--	--	11	7	2	--	--
	CH-OC-403	20	--	1	10	8	1	--	--
	CH-OC-404	20	--	--	10	9	1	--	--
	CH-OC-405	20	--	1	4	9	6	--	--



M.Sc. CHEMISTRY - SEMESTER IV

(ANALYTICAL CHEMISTRY)



Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc. Chemistry IV	CH-AC-401	8	--	1	5	2	--	--	--
	CH-AC-402	8	--	1	3	3	1	--	--
	CH-AC-403	8	--	1	5	2	--	--	--
	CH-AC-404	8	--	1	5	2	--	--	--
	CH-AC-405	8	--	1	2	4	1	--	--



M.Sc. CHEMISTRY - *SEMESTER II*



Semester	Subject	No. of Students								
		Appeared	Absent	A+	A	A-	B+	B	B-	AT KT
M.Sc. Chemistry II	CH-201	94	02	--	--	8	26	43	17	--
	CH-202	94	02	--	--	8	30	31	22	--
	CH-203	94	02	--	2	12	33	34	10	03
	CH-204	94	02	--	--	4	25	30	35	--
	CH-205	94	02	--	--	45	47	2	--	--



B.Sc. MICROBIOLOGY - **SEMESTER VI**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	AT KT
B.Sc. Microbiology VI	CMB-601	64	1	5	19	22	16	1	--
	CMB-602	64	--	10	33	16	5	--	--
	CMB- 603	64	2	6	16	21	15	4	--
	CMB- 604	64	2	6	13	21	21	1	--
	A Food Microbiology EMB	64	1	13	35	12	3	--	--



B.Sc. MICROBIOLOGY - *SEMESTER IV*

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	AT KT
B.Sc. Microbiology IV	CMB-401	96	1	3	22	31	35	4	--
	CMB-402	96	--	4	19	31	33	9	--
	EMB-401	96	--	1	15	27	29	24	--

B.Sc. MICROBIOLOGY - *SEMESTER II*

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	AT KT
B.Sc. Microbiology II	CMB-201	92	--	4	19	18	29	20	2
	EMB-201	92	--	1	16	53	18	4	--



B.Sc. CHEMISTRY - *SEMESTER VI*



Semester	Subject	No. of Students								
		Appeared	Absent	A+	A	A-	B+	B	B-	AT KT
B.Sc. Chemistry VI	CCH-601	116	1	3	25	29	30	22	7	--
	CCH-602	116	1	4	17	28	27	26	14	--
	CCH-603	116	1	--	1	23	41	27	24	--
	CCH-604	116	1	--	16	31	36	22	11	--
	ECH-601 (FOOD)	116	1	3	26	34	21	22	10	--
	CGC-601 (CS)	116	1	--	--	2	48	53	13	--
	English	116	1	--	3	18	51	39	5	--
	Chemistry practical	116	1	--	3	58	51	4	--	--



B.Sc. CHEMISTRY - **SEMESTER IV**



Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	AT KT
B.Sc. Chemistry IV	CCH-401	227	3	11	26	50	73	47	17
	CCH-402	227	--	7	37	65	61	48	9
	CPH-401	227	--	13	57	55	61	39	2
	CPH-402	227	4	20	36	53	67	42	5
	ECH-401	227	2	12	20	36	36	77	42
	EGC-401	227	1	21	60	69	46	26	4
	FCG-401	227	--	5	29	82	77	31	3
	PCH-401 (3)	227	--	27	158	29	9	0	4
	PPH-401	227	--	1	25	127	66	5	3



B.Sc. CHEMISTRY - **SEMESTER II**



Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	AT KT
B.Sc. Chemistry II (Chemistry Maths Group)	CCH-201 (4)	160 (1wh)	--	3	9	13	19	70	45
	CMAT-201 (6)	160 (1wh)	3	5	5	14	36	31	66
	CPH-201 (4)	160 (1wh)	4	5	13	22	42	43	30
	ECH-201(A)(2)	160 (1wh)	1	8	24	29	29	44	24
	ECG-201 A(2)	160 (1wh)	2	11	23	34	44	36	9
	FCG-201(2)	160 (1wh)	--	4	26	49	55	17	8
	PCH-201 (2)	160 (1wh)	--	44	99	5	--	1	10
	PPH-201 (2)	160 (1wh)	--	--	6	71	51	21	10



B.Sc. CHEMISTRY - *SEMESTER II*



Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	AT KT
B.Sc. Chemistry II (Botany Group)	CBI-201 (4)	79	--	2	11	20	16	23	7
	CCH-201(4)	79	--	3	13	19	20	19	5
	CPH-201 (4)	79	1	9	5	25	22	10	7
	ECH-201 (A)(2)	79	1	2	8	10	18	23	17
	EGC-201(A)	79	--	6	22	21	22	5	3
	FCG-201(2)	79	--	1	13	30	26	5	4
	PBI-201 (2)	79	--	3	12	14	25	20	5
	PCH-201 (2)	79	--	34	40	1	--	--	4
	PPH-201 (2)	79	--	1	2	46	10	16	4



STUDENT PLACEMENT

- ❑ Pre - Placement Training
- ❑ Placement Initiatives



PRE-PLACEMENT TRAINING

- ✓ **“Mock interview” and “How to face interview”** for 28 students were conducted and expert lectures delivered by,
 - Dr. Bhavin Pandya and Ms. Revti Deshpande - 18/02/2016
 - Ms. Revti Deshpande - 04/04/2016
- ✓ Workshop on **“How to answer most frequently asked questions in interview”** was organized on 19/02/2016 by Dr. Chintan Pandya
- ✓ A seminar on **“Resume writing and soft skill Development”** was organized on 19/02/2016 by Dr. Chintan Pandya
- ✓ A MCQ test on **“Most frequently asked questions in entrance exam of industry”** was organized on 18/02/2016 and 04/04/2016 by Ms.

Reenu Abraham



PLACEMENT DETAILS



POST GRADUATION PLACEMENT SUMMARY

M.Sc. Program	Student Passed	No. of Student placed	Further studies/ Abroad	Yet Not Placed	Placement (%)
Organic	20	16	03	01	95
Analytical	08	08	--	--	100



PLACEMENT DETAILS

POST GRADUATION PLACEMENT DETAILS

Company	No. of student placed	Salary break-ups (lacks per annum)	Organic	Analytical
Torent Pharmaceutical ltd.	11	2.15	10	01
LINCOLN Pharmaceutical ltd.	04	1.20	03	01
Aculife Health care ltd.	03	1.44	03	--
Mascop Industries ltd.	01	1.20	01	--
Academic	04	1.80	--	04



PLACEMENT DETAILS

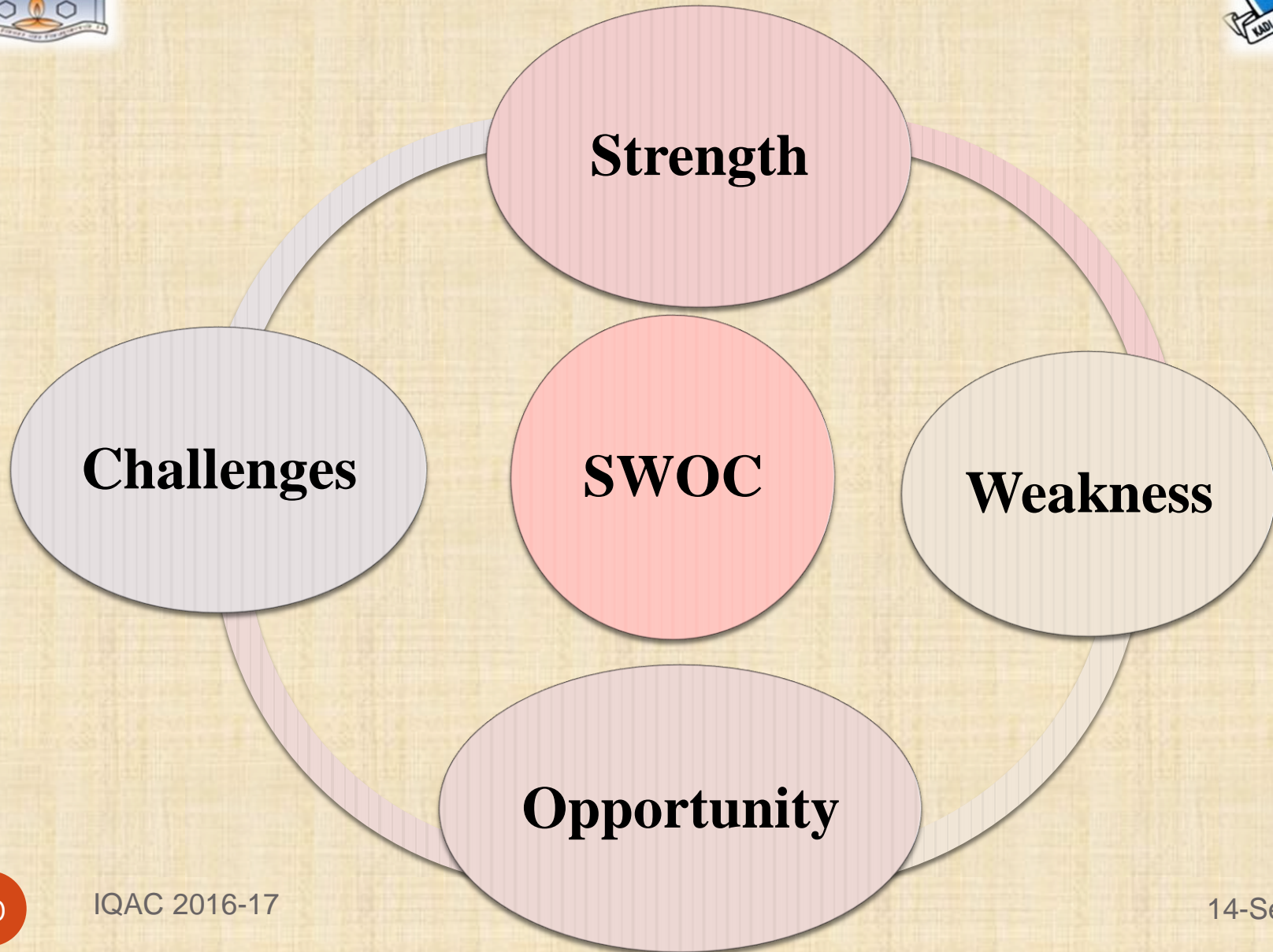


GRADUATION PLACEMENT SUMMARY

B.Sc. Program	Student Passed	No. of Student placed	Further studies/ Abroad	
Chemistry	116	02	70 (KSV)	44 (Other)
Micro-biology	64	--	32 (KSV)	32 (Other)



SWOC Analysis





❑ **Strength :**

- ✓ Well qualified staff
- ✓ State of Art Infrastructure
- ✓ Research Facility

❑ **Weakness :**

- ✓ High Student - Teacher ratio

❑ **Opportunity :**

- ✓ Establishing consultancy services with industry.
- ✓ Placement for students
- ✓ Enhancing the interdisciplinary approach among faculty.
- ✓ Developing social services and entrepreneur skills through various projects

❑ **Challenges :**

- ✓ Rural background of students
- ✓ Acquainting students to English medium curriculum



Part B :

PLANNING FOR ACTIVITIES AND EVENTS

(September - 2016 to March – 2017)



Expected Research Publications



Sr. No.	Name of Department	No. of National Research paper	No. of International Research paper
1	Chemistry	5	4
2	Microbiology	3	2
3	Physics	2	6
4	Botany	2	2
5.	English	2	2



Expected No. of Books/Articles to be Published By Faculties



Sr. No	Name of Department	No. of Book/Article
1.	Chemistry	5
2.	Microbiology	2
3.	Botany	2
4.	English	2 (Articles)



Institutional Activities

- Organization of Intercollegiate competitions
- Organize national level conference in Agriculture-
December 2016
- Organization of regional level workshop on molecular
biology
- Guest lecture series for chemistry.



Details on students enrichment programme



- ✓ **Prepare students for state level competition‘ GIBioN’**
- ✓ **E-Journal practices**
- ✓ **Establishment of Botany study circle**
- ✓ **Field visits for study of different flora**
- ✓ **Nature camp for botany students**
- ✓ **Preparation of project models**
- ✓ **Estimation of Carbon Footprint at College Level**

