

Internal Quality Assurance Cell

Meeting

August 23, 2017

Academic Year – 2016-17



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

(A Constituent Institute of Kadi Sarva Vishwavidyalaya, Gandhinagar)

Sarva Vidyalaya Campus, Kadi



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





IQAC Members



Name	Designation in Institute	Designation in IQAC
Dr. Ajay Gor	Director	Chair person
Dr. Minal Trivedi	Principal	Co-Chair person
Dr. Jalpa Pandya	Assistant Professor	Coordinator
Dr. Poonam Gupta	Assistant Professor	Co-Coordinator
Mrs. Sujata R. Singh	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
Dr. Alpa Jani	Head, English Dept., Assistant Professor	Member
Dr. Jagruti Jagiwala	Head, Botany Dept., Assistant Professor	Member
Dr. Mohit Swadia	Head, Physics Dept., Assistant Professor	Member
Ms. Priyanka Parikh	Student	Student Representative
Ms. Mittal Vegad	Student	Student Representative
Mr. Chetan L. Patel	Student	Student Representative
Mr. Umang Patel	Torrent Pharmaceutical pvt ltd, Ahmedabad.	Alumni Student
Mr. Bhuvan Shah	Kayvee Aeropharm pvt ltd, Kadi.	Member of Industry
Mr. Ramanbhai P. Patel	Government school Teacher, Rampura	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**



Student Intake



Program offered	Intake	Students admitted	Total Students
B. Sc. - Chemistry	210	184	639
B. Sc. - Microbiology	70	112	272
M. Sc. - Chemistry	120	75	223
M. Sc. - Microbiology	30	34	58
Total			1192



Student Entry level

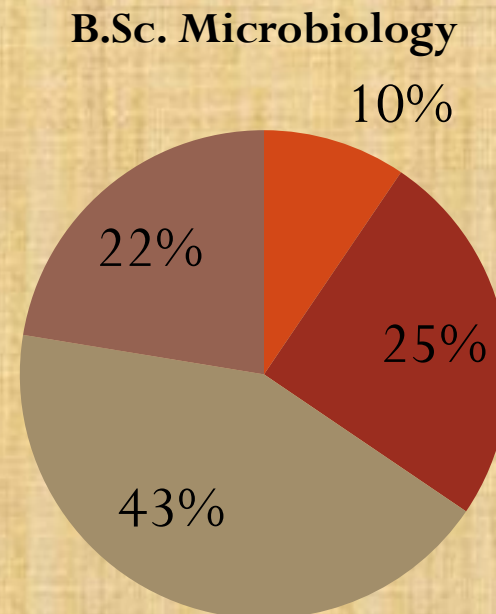
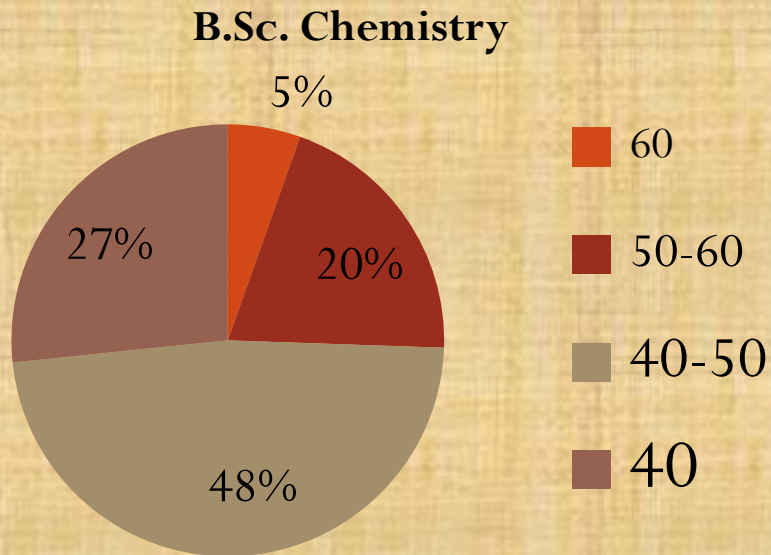


Last Year (2016)

Current Year (2017)

Course	Opening Rank/%	Closing Rank/%	Course	Opening Rank/%	Closing Rank/%
B.Sc. Chemistry	76.20	33.20	B.Sc. Chemistry	72.80	30.80
B.Sc. Microbiology	76.20	33.80	B.Sc. Microbiology	69.80	35.0
M.Sc. Chemistry	76.80	49.18	M.Sc. Chemistry	77.94	47.19
M.Sc. Microbiology	80.80	54.60	M.Sc. Microbiology	86.10	51.19

Students Entry level in B.Sc. Program (2017-18)



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

EVEN SEMESTER

Month	No. of Days available	Sundays	Public Holidays	Examination Days	Working Days
December-2016	31	4	01	00	26
January-2017	31	4	02+02 (Makar Sankranti holidays)	00	23
February-2017	28	4	1	00	23
March-2017	31	4	00	00	27
April-2017	30	5	01	12	12
May 2017	15	Working	--	15	00
Total	166	21	7	27	111



Semester-wise Days available (Academic Year 2017-18) B.Sc. /M.Sc./M.A.



ODD SEMESTER

Month	No. of Days available	Sundays	Public Holidays	Examination Days	Working Days
June-2017	30	4	01	00	20
July-2017	31	5	00	00	26
August-2017	31	4	6	00	21
September-2017	30	4	02	07	17
October-2017	31	5	05 (Diwali Vacation)	10	11
November-2017	30	4	00	15	11
Total	183	26	14	32	106



Part A :

Activities and Achievements



Key Areas



- ☐ Infrastructure and Learning Resources
- ☐ Research and Faculty Development
- ☐ Teaching-learning and Evaluation
- ☐ 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	1) Chemistry 2) Microbiology 3) Botany 4) Physics 5) Research 6) Plant Tissue Culture 7) Language Laboratory	4 1 1 2 1 1 1	11
Seminar Halls	1) Virtual Classroom -1 2) 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

Facilities	Existing	Newly added	Total
No. of important equipments purchased during the current year.	89	11	100
Value of the equipment purchased during the year (Rs. in Lakhs)	9.36	3.9	13.26
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 		



LIBRARY DATABASE



Items	Existing	Newly added
	No.	No.
Text Books	3087	819
Reference Books	26883	
e-Books	125000+	10,000
Journals	80 Titles,	Regular renewal as subscription expires
e-Journals	6000+	--
CD & Video	650	--
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



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 USAGES



- 1) Students Issue / Return per day : 90**
- 2) Faculty Issue / Return per month : 394**
- 3) No. of students visitors per day: 248**
- 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	Green Audit at Uma Arts and Nathiba Commerce Mahila College, Gandhinagar (4-9/10/2016)	4	42
	Green Audit at Maniben M.P. Shah Mahila Arts College, Kadi (17-22/10/2016)	4	42
Microbiology Department	Biotechnology Department PSSHDA	3	11
	B.Voc., (Pharmaceutical Chemistry)	2	4



Participation of department for other institution work



Department/ Institute/ University	Work carried out	No. of Faculties	No. of Hours (per week)
English Department	B.Voc. (Pharmaceutical Chemistry)	02	04
	B.A. (English) Lectures at PSSHDA	04	28
Physics Department	T.Y. B.Sc. (Physics) Lectures at PSSHDA	02	09
	M.Sc. (Mathematics), at KSV Uni., Gandhinagar	02	04
	M.Sc. (Physics) at KSV Uni., Gandhinagar	02	04
	M.Sc. (Microbiology) at HVPGR	02	02
	B.Sc. (Chem.) Sem-III	04	01
Chemistry Department	B.Voc. (Pharmaceutical Chemistry)	6	14
	M.Sc. Chemistry(P.S. Science College)	2	6



Student Counseling (Mentoring) year 2017-18



Sr. No.	Mentor Name	Class	No. of student assigned
1	Dr. Jalpa Pandya	M.Sc. Chemistry Sem I	40
2	Mr. Chirag Patel	M.Sc. Chemistry Sem I	34
3	Dr. Anjali Mishra	M.Sc. Chemistry Sem III (Analytical)	74
4	Dr. Bharat Makwana	M.Sc. Chemistry Sem III (Organic)	75
5	Dr. Rekha Patel	B.Sc. Chemistrty Sem V	45
6	Ms. Pooja Popat	B.Sc. Chemistry Sem V	32
7	Dr. Chintan Pandya	B.Sc. Chemistry Sem V	39
8	Dr. Jashmin Kumbhani	B.Sc. Chemistry Sem V	39
9	Dr. Malay Bhatt	B.Sc. Chemistry Sem V	39
10	Mr. Sunil Patel	B.Sc. Chemistry Sem V	38
11	Mr. Viral Patel	B.Sc. Chemistry Sem III	40
12	Mr. Akshay Gadariya	B.Sc. Chemistry Sem III	40
13	Dr. Harshal Deota	B.Sc. Chemistry Sem III	37
14	Mr. Parth Parikh	B.Sc. Chemistrty Sem III	37



Student Counseling (Mentoring) year 2017-18



Sr. No.	Mentor Name	Class	No. of student assigned
15	Mr. Vivek Patel	B.Sc. Chemistrty Sem III	40
16	Mrs. Sujata R Singh	B.Sc. Chemistry Sem III	40
17	Mr. Parth Pandya	B.Sc. Chemistry Sem I	39
18	Dr. Mohit Swadia	B.Sc. Chemistry Sem I	38
19	Ms. Zalak Patel	B.Sc. Chemistry Sem I	41
20	Ms. Jagruti Jagiwala	B.Sc. Chemistry Sem I	41
21	Ms. Kundan Makwana	M. A. English III	20
22	Dr. Poonam Gupta	M.Sc. Micro Sem I	34
23	Dr. Kalavati Prajapati	M.Sc. Micro Sem III	24
24	Dr. Aditee Pandya	B.Sc. Micro Sem V	44
25	Ms. Kinjal Joshi	B.Sc. Micro Sem V	43
26	Ms. Gayatri Patel	B.Sc. Micro Sem III	36
27	Ms. Devyani Patel	B.Sc. Micro Sem III	36
28	Mr. Vishal Patel	B.Sc. Micro Sem I	54
29	Dr. Shraddha Trivedi	B.Sc. Micro Sem I	54



TEACHERS' 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**
 - **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 Summary



Department	Designation	No. of faculties	Ph.D./MPhil	Enrolled Faculties	Yet to registered
Microbiology	Assistant Professor	5	4	1	--
	Teaching Assistant	2	--	--	2
Chemistry	Assistant Professor	8	7	1	--
	Teaching Assistant	8	--	2	6
Physics	Assistant Professor	5	2	1	2
	Teaching Assistant	3	--	--	3
Botany	Assistant Professor	2	2	--	--
	Teaching Assistant	2	--	--	2
English	Assistant Professor	3	1/1	--	1
	Teaching Assistant	2	--	--	2
Mathematics	Assistant Professor	1	--	--	1
Total	Assistant Professor	24	16/1	3	4
	Teaching Assistant	17	0	2	15



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	13	Completed	--	--
2	Dr. Kalavati Prajapati, Assistant Professor	9	Completed	--	--
3	Dr. Aditee Pandya, Assistant Professor	4	Completed	--	--
4	Dr. Poonam Gupta, Assistant Professor	2 months	Completed	--	--
5	Ms. Gayatri Patel, Assistant Professor	4	Enrolled	--	2020
6	Mr Vishal Patel Teaching Assisant	6 months 5 years industrial experience	No	2017	--
7	Ms Kinjal Joshi Teaching Assisant	1 month	No	2017	--



Ph. D. / M. Phil



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.
1	Dr. Chintan Pandya Assistant Professor	4.2	Completed	--	--
2	Dr. Rekha Patel Assistant Professor	3.2	Completed	--	--
3	Dr. Bharat Makwana Assistant Professor	4.2	Completed	--	--
4	Dr. Jalpa Pandya Assistant Professor	1 month 2 years in other institute , 2 years industry	Completed	--	--
5	Mr. Chirag Patel Assistant Professor	15 Days, 3 years in other institute	Enrolled CSIR JRF	--	6 months
6	Dr. Jashmin Kumbhani Assistant Professor	4	Completed	--	--
7	Dr. Malay Bhatt Assistant Professor	1.2	Completed	--	--



Ph. D. / M. Phil



Department of Chemistry

Cont

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	Dr. Anjali Mishra Assistant Professor	1.2	Completed	--	--
9	Ms. Pooja Popat Teaching Assisant	2.5	--	--	--
10	Mr. Sunil Patel Teaching Assisant	1	--	--	--
11	Mr. Viral Patel Teaching Assisant	3	Enrolled	--	2019
12	Mr. Parth Parikh Teaching Assisant	3	--	--	--
13	Mr. Vivek Patel Teaching Assisant	1	--	2018	2022
14	Ms. Zalak Patel Teaching Assisant	2 months	Enrolled	--	2019
15	Ms. Devyani Patel Teaching Assisant	2 months	--	--	--
16	Mr. Deepak Sharma Teaching Assistant	1	--	2018	2022



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	Dr. Mohit Swadia, Assistant Professor	3	Completed	--	--
2	Dr. Harshal Deota, Assistant Professor	2	Completed	--	--
3	Mrs. Sujata R Singh Assistant Professor	1	No	June 2018	
4	Mr. Mitesh Solanki, Assistant Professor	3 months	Enrolled		2017
5	Mr. Akshay Gadaria, Assistant Professor	3 months	No	--	--
6	Ms. Hiral Patel, Teaching Assisnt	3 months	No	--	--
7	Ms. Ravina Patel, Teaching Assisnt	3 months	No	--	--
8	Mr. Arvind Joshi, Teaching Assisnt	1 month	No	--	
9	Mr. Parth pandya Assistant Professor	1.5	No	--	--



Ph. D. / M. Phil



Department of Botany

SrNo.	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	4.7	Completed	--	--
2	Dr. Shraddha Trivedi, Assistant Professor	4.2	Completed	--	--
3	Ms. Zarna Bhatt, Teaching Assisant	3.1	--	--	--
4	Mr. Harikrishna Patel Teaching Assisant	3 months	--	--	--



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	9	Completed	--	--
2	Ms. Kundan Makwana Assistant Professor	7	M.Phil. Complete Ph.D. Enrolled	--	--
3	Mr. Samir Pandya Assistant Professor	3	NO	2017	2020
4	Ms. Devarshi Modi Teaching Assisnt	1year 5months	No	2017	2020 --
5	Ms. Dhara Choksi Teaching Assisnt	1year 7months	No	2017	2020



Summary of Effective Teaching Ratio (2016-17)



Sr. No	Name of Faculty	No of Subjects Taken	Effective teaching Ratio (Mean)
1	Dr. Minal Trivedi	4	0.97
2	Dr. Kalavati Prajapati	5	0.97
3	Dr. Aditee Pandya	7	0.96
4	Ms. Dolly Patel	6	0.97
5	Ms. Gayatri Patel	4	0.94
6	Ms. Shivaniben	2	0.96
7	Mr. Vishal Patel	2	0.94



Summary of Effective Teaching Ratio (2016-17)



Sr. No	Name of Faculty	No of Subjects Taken	Effective teaching Ratio (Mean)
8	Dr. Chintan Pandya	8	0.95
9	Dr. Rekha Patel	7	0.88
10	Dr. Bharat Makwana	6	0.9
11	Dr. Jashmin Kumbhani	8	0.97
12	Dr. Malay Bhatt	4	0.87
13	Mr. Viral Patel	5	0.9
14	Mr. Parth Parikh	4	0.95
15	Mrs. Pooja Popat	6	0.85



Summary of Effective Teaching Ratio (2016-17)

Sr. No	Name of Faculty	No of Subjects Taken	Effective teaching Ratio (Mean)
16	Mr. Sunil Patel	4	0.9
17	Mr. Vivek Patel	3	1.0
18	Mr. Deepak Sharma	5	0.96
19	Dr. Mohit Swadia	4	0.95
20	Dr. Harshal Deota	3	0.96
21	Mrs. Sujata Rohit Singh	3	0.96
22	Mr. Parth Pandya	2	1.0
23	Ms. Jagruti Jagiwala	6	0.96



Summary of Effective Teaching Ratio (2016-17)

Sr. No	Name of Faculty	No of Subjects Taken	Effective teaching Ratio (Mean)
24	Dr. Shraddha Trivedi	4	0.92
25	Ms.Zarna Bhatt	6	0.98
26	Dr. Alpa Jani	2	0.93
27	Ms. Kundan Makwana	1	0.93
28	Mr. Samir Pandya	5	0.97
29	Ms. Dhara S. Choksi	6	0.9
30	Ms. Devarshi Modi	7	0.99



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, Natural Product, Organic Synthesis	01	--	04	--	--	--
Dr. Mohit Swadia	Theoretical Atomic and Molecular Physics	2	--	--	--	--	--



RESEARCH PROJECTS

Sr. No.	Name of Faculty	Minor/ Major Project	Title of Research Project	Funding Agency	Funds (lacks)	Duration/ Status	Starting Date	Ending Date
1	Dr. Chintan Pandya	Minor	Development of Analytical method, validation and applications for some API Drug	GUJCOST	2.2	2 Years	04/04/2016	03/04/2018
2	Dr. Bharat Makwana	Minor	Supramolecules assembly	GUJCOST	2.7	2 years	04/04/2016	03/04/2018
3	Dr. Jagruti Jaggiwala	Minor	Estimating Carbon Sequestration in Native Tree Species: An Approach to Combat the Climate Change	GUJCOST	1.8	2013-2017	1/4/2013	15/12/2017
4	Dr. Kalavati Prajapati	Minor	Waterless Farming	GUJCOST	9.0	2 years (Proposed)	--	--



RESEARCH PUBLICATIONS

Sr.No	Name of Faculty	No. of International Research paper	Citation	Impact Factor of Journal
1	Dr. Bharat Makwana	01	--	4.75
2	Dr. Chintan Pandya	01	--	6.76
3	Dr. Rekha Patel	01	-	7.0
4	Dr. Kalavati Prajapati	01	---	5.12
5	Dr. Mohit Swadia	02	01	1.837 & 1.228
6	Dr. Alpa Jani	01	---	4.32
7	Ms. Dhara Choksi	01	---	0.909
8	Mr. Harikrushna Patel	03	02	2.5 to 5.4



SEMINARS/CONFERENCES/WORKSHOPS/STTP'S ORGANIZED BY INSTITUTE



Sr. No	Title of Seminar	Date	Level (State/ National/ International)	No. of Participant s/Visitors	No. of Participants from Institute	Total Hrs.	Man Days
1	Hands on Sophisticated Analytical Instruments	6 th to 10 th Mar. 2017 (5 Days) & 13 th to 17 th Dec. 2016 (5 Days)	Institute	--	80 B.Sc. Students	5 hrs/day	500
2	Expert talk on Astro-Biology in Space	7 th Feb. 2017	State	--	150	02	38
3	Science Exhibition based on the theme Rural development through Science & Technology	6 th & 7 th Jan. 2017	University	7630 School students	221	16	442



SEMINARS/CONFERENCES/WORKSHOPS/STTP'S ORGANIZED BY INSTITUTE



Sr. No	Title of Seminar	Date	Level (State/ National/ International)	No. of Participants/ Visitors	No. of Participant s from Institute	Total Hrs.	Man Days
4	International faculty development program organized by KSV In Collaboration with British high commission	19th & 20th Dec. 2016	International	34 per batch	10	14	18
5	National Conference of Agriculture Biotechnology and Sustainable Development	17th & 18th Dec. 2016	National	99(Participants) 1280 (Visitors)	282	16	762
6	Experimental Physics Stage Show	21st Oct. 2016	State (College)	--	150	03	56
7	Website Development	20th & 21st Sept. 2016	State Level	50	50	4	25



FACULTY'S PARTICIPATION/PRESENTATION IN CONFERENCES/SYMPOSIA



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National/International)	Hours
Dr. Minal Trivedi	30/9/2016 to 1/10/2016; Gandhinagar	Scientists & Faculties	National Summit on Innovation and Technology	National	12
	22/11/2016 to 24/11/2016; CHRIST University Bangalore	Principles and Faculties across the Nation	Bench Marking procedure and practices for quality enhancement in higher education	National	24
Dr. Kalavati Prajapati	4/2/2017 to 5/2/2017; PDPU	Faculties	Gujarat Science Congress	State	12
	30/9/2016 to 1/10/2016; Gandhinagar	Scientists & Faculties	National Summit on Innovation and Technology	National	12



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National /International)	Hours
Dr. Aditee Pandya	4/2/2017 to 5/2/2017; PDPU	Faculties	Gujarat Science Congress	State	12
	28/1/2017; Patan	Faculties	National Conference on Green Chemistry	National	6
	30/9/2016-1/10/2016; Gandhinagar	Scientists & Faculties	National Summit on Innovation and Technology	National	12
Ms. Gayatri Patel	30/9/2016-1/10/2016; Gandhinagar	Scientists & Faculties	National Summit on Innovation and Technology	National	12
	15/7/2017-16/7/2017 Pilvai Science college	Faculties	National seminar on Globalization (Won 2nd Prize in Oral Presentation)	National	12



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National /International)	Hours
Dr. Chintan V. Pandya	19/09/2016	PG, Researcher and Scientist	RSC-Publishing workshop	National (Participation)	08
	01/10/2016		Advancements in Chemical Technology – An Indian Perspective	National (Poster Presentation)	06
	07-08/12/2016	UG, PG, Researcher and Scientist	Agriculture & Biotechnology on Sustainable Development	National (Participation)	16
	28/01/2017		Innovative Approach towards Green Chemistry	National (Poster Presentation)	08
	04/05/202/2017		XXXIst Gujarat Science Congress	National (Poster Presentation)	16
	05/08/2017		Innovative in Chemical Sciences for industries Attended	National (Participation)	04



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National /International)	Hours
Dr.Bharat A. Makwana	20-21/09/2017	Faculty	Workshop on Website Development	State	06
	01/10/2016, S.P Uni.V.V Nagar	UG,PG and Scientist	Advancements in chemical technology-An indian perspective Present a paper (3 Prize)	National	08
	04-06 /11/2016		Internation conference of Youth 12	International	18
	17-18/12/2016		Agriculture & Biotechnology on Sustainable Development	National	14
	4-9/05/2017	UG,	GSBTM sponsored BT-CBC workshop 2017	BT-CBC workshop Delivered lecture	02
	05/08/2017	UG,PG and Scientist	Innovative in Chemical Sciences for industries Attended	National	04



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National /International)	Hours
Dr. Jashmin Kumbhani	07-08/12/2016	UG, PG, Researcher and Scientist	Agriculture & Biotechnology on Sustainable Development	National (Participation)	16
	28/01/2017		Innovative Approach towards Green Chemistry	National (Poster Presentation)	08
	04/05/02/2017		XXXIst Gujarat Science Congress	National (Poster Presentation)	16
Dr. Malay Bhatt	26/09/2016	UG, PG, Researcher and Scientist	Structural Advances in Chemisty	National (Poster Presentation)	14
	07-08/12/2016		Agriculture & Biotechnology on Sustainable Development	National (Participation)	16
	04/05/02/2017		XXXIst Gujarat Science Congress	National (Poster Presentation)	16



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National /International)	Hours
Mr. Viral A. Patel	07-08/12/2016	UG, PG, Researcher and Scientist UG, PG, Researcher and Scientist	Agriculture & Biotechnology on Sustainable Development	National (Participation)	16
	28/01/2017		Innovative Approach towards Green Chemistry	National (Poster Presentation)	08
	04/05/02/2017		XXXIst Gujarat Science Congress	National (Poster Presentation)	16
Mr. Parth Parikh	07-08/12/2016		Agriculture & Biotechnology on Sustainable Development	National (Participation)	16
Ms. Pooja Popat					
Mr. Vivek Patel					
Mr. Sunil Patel					



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National /International)	Hours
Dr. Jagruti Jagiwala	17/12/2016, Kadi	UG and PG (4 students)	conference	National	12
Dr. Mohit Swadia	3rd to 6th Jan. 2017 at PRL, Ahmedabad	Scientists & Research Scholars	Oral Presentation (NCAMP-XX)	National	18
	4th Feb. 2017 at PDP, Gandhinagar	UG, PG, Research Scholars, Scientists	Poster Presentation (GSC-2017)	State	06
	12th Feb. 2017 at VP&RPT, Vallabh Vidyanagar	Senior Researchers and Research Scholars	Oral Presentation (ESPAM-2017)	State	06



Name of Faculty	Date & place	Level of Audience	Attended Seminars/ Workshop	Level (State/National /International)	Hours
Dr. Harshal Deota	16th – 18th Dec. 2016, IISER, Kolkata	Scientists & Research Scholars	Oral Presentation (CNSD-2016)	International	18
	4th Feb. 2017 at PDPU, Gandhinagar		Poster Presentation (GSC-2017)	State	06
Dr. Alpa Jani	25-27 March 2017, Ahmedabad	Faculties and Researchers	Imagi/Nation: India/Canada Past , Present & Future	International	3 days
Ms. Dhara Choksi	25-27 March 2017, Ahmedabad				



Eminent Experts/Scientist Visited the Institute



- **Prof. Nigel Mason (OBE) (Date : 07/02/2017)**
 - Dept. of Physics and Astrophysics Open University, UK
 - (Research meet, 30 researchers + 100 M.Sc. Students)
- **Ms. Devanshi Shukla (Date : 07/01/2017)**
 - Research Fellow (Canada) , B.Sc &M.Sc (No. of Student -150)
- **Prof. T. R. Ananthakrishnan (Date : 21/10/2016)**
 - Dept. of Photonics, Cochin Uni., Cochin
- **Dr S R Dave (Date : Mar-Apr 2017)**
 - UGC Emeritus Fellow, Former Director, School of Sciences, Gujarat University
 - Invited Lecture for M.Sc. Microbiology Sem-II students (No. of Student - 24)
- **Dr. P.C. Jha (Date : 12/08/2017)**
 - Central University of Gujarat, Gandhinagar
 - Invited Lecture for M.Sc. Chemistry Students (132 No. of Students)
- **Dr. Nidhi Gaur (Date : 05/08/2017)**
 - IIAR, Gandhinagar
 - Invited Lecture for M.Sc. Chemistry Students (126 No. of Students)
- **Dr. Pranav Shrivastav (Date : 22/07/2017)**
 - School of Sciences, Gujarat University, Ahmedabad
 - Invited Lecture for M.Sc. Chemistry Students (136 No. of Students)



AREAS OF CONSULTANCY AND INCOME GENERATED



Name of Project	Name of Faculty Involved	Income generated	Project time duration /Sample Nos.	Department
Water Analysis	Dr. Kalavati Prajapati, Dr. Aditee Pandya	---	Every 15 days per months / 6 samples	Microbiology Dept.
Anti microbial Activity	Dr. Aditee Pandya	1000/-	7 days / 11 samples	
	Dr. Kalavati Prajapati	2500/-	7 days / 21 samples	
	Dr. Kalavati Prajapati	1000/-	7 days / 10 samples	
Hands on Sophisticated Analytical Instruments	Dr. Chintan Pandya and research team	Rs. 25,500/-	10 Days	Chemistry



FACULTY TRAINING PROGRAM

	Current Year
Pedagogy Training	8 faculties participated actively in FDP (2 days program) at Gandhinagar on 19 th & 20 th Dec. 2016
Content Training	41 faculties participated actively in Open source Training by IIT Bombay on 29 th & 30 th ` June 2017
Workshop	6 faculties participated in Effective use of Smart Board on 6,11 April2017



SOCIAL ACTIVITIES CARRIED OUT BY THE INSTITUTE

Previous Year	Current Year	Planning for Next year
Birthday celebration at Blind School, Gandhinagar NSS(50 students)	Manali trekking camp (June 2017	Composting
Collection of Clothes For “Sahaj Prem ni Hunf” “Ek Kadam Khusiyo ki Aur”	Birthday Plantation(whole year)	Green Audit In SV Campus.
Birthday celebration at MANTHAN-Hostel and school of physically and mentally Challenged children	Preparation of organic manure using garden waste of campus site. (MSc Chemistry students). (13th April 2017 till date)	



SPIRITUAL DEVELOPMENT ACTIVITIES FOR STUDENTS

Current Year	Planning for Next year
Invited Lecture by Mr. Sanjay Raval on “Bhaymukt Jivan” on 01/10/2016	Yes , two activities are proposed 1. Organization of Jeevan Vidya Sibir on 5 November 2017 2. Organization of National conference “Relevance of Religion in War and Peace” in January 2018
Invited Lecture by Shri. Natubhai Patel on “Holistic Health” on 05-06/10/2016	



STUDENTS PROGRESSION AND SUPPORT





Student Achievement

Sr. No.	Name of Students	Achievement
1	Saroj Vikas P.	<ul style="list-style-type: none">• Second Rank in poster presentation.• Selected for Officer training academy for SSB Screening Course at Maharashtra.• A Grade in NCC "C" Certificate Examination.• Selected As Parade commander in PM Rally in RDC 2016 At Delhi.• Student of The Year 2016
2	Patel Priyanka B.	<ul style="list-style-type: none">• Got Commendation card from directorate general of NCC Gujarat• Handball Champion• Participating in PM Rally in RDC 2016 At Delhi.• Second prize in Poster presentation• A Grade in NCC "C" Certificate Examination.• Student of the year-2016• Participating in Handball at national level• Gold medal in tug of war and kho-kho in NIC at Punjab.• Participating in international yoga day
3	Nayee Kinjal G.	<ul style="list-style-type: none">• First Rank, Youth Festival Collages



Student Achievement

Sr. No.	Name of Students	Achievement
4	Vaghela Krushnapal	First Rank, Youth Festival Cartooning
5	Kazariya Jaydeep	Second Rank, Youth Festival Mimicry
6	Patel Maulik	<ul style="list-style-type: none">• First Rank, Youth Festival Classical Instrument (P)• Third Rank, Youth Festival Classical Instrument (NP)
7	Nitin Goswami, Patel Nishant, Patel Parth, Vaghoriya Darshan & Makwana Trupti	First Rank in Model at Science fair
8	Patel Nehal Abbinbhai, Patel Jay Rajeshbhai, Patel Trupti Jasvantbhai, Raval Janvi Vinodbhai	Winner team in Quiz Competition
9	Thakur Pooja	<ul style="list-style-type: none">• Gold medal in Debate in NIC At Punjab• Second prize in poster presentation• A Grade in NCC "B" Certificate Examination.• Participating in international yoga day



Student Achievement



Sr. No.	Name of Students	Achievement
10	Subhi Gupta, Mehta Khyati	Oral Presentation in GiBION 2017 at CHARUSAT, Changa
11	Goswami Drashti	Article Writing in GiBION 2017 at CHARUSAT, Changa
12	Patel Kajal	Extempore speech in GiBION 2017 at CHARUSAT, Changa
13	Patel Kajal K	Participated in WEC Training
14	Ganchi Sajid , Parikh Priyanka	Participated in BioQuize in GiBION 2017 at CHARUSAT, Changa
15	Karna Vaishali	Poster Presentation in GiBION 2017 at CHARUSAT, Changa
16	Patel Unnati	Participated in Sciencetoon in Participated
17	Bhojak Neha	Performed at West zone for Indian Group song
18	25 Nos of B.Sc. Micro students	They scored B1 rank in SCOPE examination.



Industrial Dissertation to M. Sc. Chemistry students (2016-17)



➤ **Total 92 students from the Department of Chemistry opted for Industrial dissertation. Detailed list is given below.**

SR. NO.	NAME OF INDUSTRY	NO. OF STUDENTS
01	Abaris Pharma, Rajpur	05
02	Aculife Healthcare LTD	04
03	Ami Organic Pvt.Ltd,surat	06
04	Ansys Reserch Lab. Gota	04
05	Astralifecare Ltd(ahmedabad)	03
06	Centurian Lab PVT Ltd(baroda)	08
07	CSMCRI(bhavnagar)	02
08	Corel Pharmachem, Kadi	01
09	Disman Pharmaceuticals LTD	07
10	Elixar, Naroda,ahemedabad	04
11	Lincoln Pharmaceuticals LTD.	07
12	M.N. Science College(patan)	03



SR. NO.	NAME OF INDUSTRY	NO. OF STUDENTS
13	K K Shah Jarodwalamaninanagr Science College, A'bad	03
14	N.K Proteins PVT LTD	01
15	Nenshi Formulation ,Kdi	02
16	Nucleous Formulation Pvt. Ltd.	06
17	Sunrise Remedies Pvt.Ltd , Santej, Gandhinagar	04
18	Sakar Healthcare LTD	04
19	Shree Chem PVT Ltd(chhatral)	02
20	Shree Krishna Keshav Pharmaceuticals LTD.	02
21	Truelife Pharmaceuticals LTD	06
22	Realcade Healthcare Ltd. (Kadi)	03
23	Zydus cadila(ahmedabad)	01
24	Zydus cadila(baroda)	02
25	Zydus Hospira Oncology Pvt.Ltd ,Sarkhej	02
Total no. of Students		92



INDUSTRIAL VISITS & TRAINING



- Total 936 students(UG+PG) have visited 17 industries, institutes and research centers across Gujarat and benefited.

Sr. No	Name of Industry	Date of Visit	Name of Faculty Involved	Learning outcome	Department/ Student stream	No. of students	No. of Hrs	Man hrs.
1	Food Testing Lab, Junagadh Agriculture University	11-Aug-2017	Dr.Kalawati Prajapati, Mr.Vishal Patel & Ms.Kinjal Joshi	Proteomics, Genomics, Microbiology, Biotechnology & Elemental Cell, Analytical Instruments	Micro M.Sc I & III Sem ; B.Sc III & V Sem	55	4	220
2	National Institute of Groundnut Research (ICAR), Junagadh	10-Aug-2017	Dr.Kalawati Prajapati, Mr.Vishal Patel & Ms.Kinjal Joshi	Instrumentation for genetics & Molecular biology	Micro M.Sc I & III Sem ; B.Sc III & V Sem	55	3	165
3	Seed Spices Research Station, Jagudan	14-Jul-2017	Mr.Vishal Patel & Ms.Kinjal Joshi	Germplasm Preservation and Agritechniques	M.Sc III Sem Micro & B.Sc V Sem Micro	40	3	120
4	IFFCO, Kalol Plant	12-Jul-2017	Mr.Vishal Patel & Dr.Aditee Pandya	Fermenter: Working & Design, Biofertilizer Production	B.Sc V Sem Micro & B. Voc Agri	50	3	150
5 61	Greenfield Biotech	12-Jul-2017	Mr.Vishal Patel & Dr.Aditi Pandya	Plant Tissue Culture (Banana)	B.Sc V Sem Micro & B. Voc Agri	50	2	100



INDUSTRIAL VISITS & TRAINING



Sr. No	Name of Industry	Date of Visit	Name of Faculty Involved	Learning outcome	Department / Student stream	No. of students	No. of Hrs	Man Hrs
6	Gujarat Pharmaceuticals Pvt. Ltd.	10-Jul-2017	Dr, Chintan Pandya, Dr. Anjali Mishra, Mr. Sunil Patel	Visited various manufacturing plants, QC Lab etc.	B.Sc. Chemistry Sem-V	54	6	324
7	Lincoln Pharmaceuticals Pvt. Ltd.	09-Jul-2017	Dr, Chintan Pandya, Dr. Bharat Makwana, Ms. Devyani Patel	Visited various manufacturing plants, QC Lab etc.	M.Sc. Sem-III (Organic)	65	6	390
8	Aculife Healthcare Ltd., Sachana	26-Jun-2017	Dr, Chintan Pandya, Mr. Deepak Sharma, Ms. Zalak Patel	Visited various manufacturing plants, QC Lab etc.	M.Sc. Sem-III (Analytical)	44	6	264
9	Physical Research Laboratory (PRL) Ahmedabad	27-Feb-2017	Dr. Harshal Deota	Innovative Experiments	Physics	200	5	1000



INDUSTRIAL VISITS & TRAINING



Sr. No	Name of Industry	Date of Visit	Name of Faculty Involved	Learning outcome	Department/ Student stream	No. of students	No. of Hrs	Man Hrs
10	KSKV Kachchh University	26-Jan-2017	Dr. Malay Bhatt	Initiate Compititive Felling In Students As Well As Enhacne Their Practical Knowlwdge	M.Sc. CHEMISTRY Sem-2	62	10	620
11	Agrocel Dhordo	25-Jan-2017	Dr. Malay Bhatt	Develop Entrepreneurship In Students	M.Sc. CHEMISTRY Sem-2	62	10	620
12	NPCCM-BCA	12-Dec-2016	Dr. Alpa Jani	Communication Methods	BCA Students	110	2	220
13	Anand Milk Union Limited (AMUL), Anand	20-Oct-2016	Dr. Malay Bhatt Mr.Sunil Patel	Visited various manufacturing plants	B.Sc. Chemistry Sem-III	37	4	148
14	Sicart, V V Nagar IQAC 2017-18	01-Oct-2016	Dr. Bharat Makwana	Observation of various sophisticated instruments and research related testing	M.Sc. Chemistry Sem-III	52	8	416

23-Aug-17



INDUSTRIAL VISITS & TRAINING



Sr. No	Name of Industry	Date of Visit	Name of Faculty Involved	Learning outcome	Department/ Student stream	No. of students	No. of Hrs	Man hrs.
15	R K Synthesis LTD., Vatva GIDC	21-Sep-2016	Mr. Viral Patel	Visited various manufacturing plants	B.Sc. Chemistry Sem-V	50	4	200
16	Water treatment Plant, Kadi	12-Sep-2016	Dr. Jagruti Jagiwala Mr. Sunil Patel	Observation of Waste water treatment units	B.Sc. Chemistry Sem-V	46	3	138
17	Water treatment Plant, Kadi	Sep-2016	Dr. Jagruti Jagiwala	Observation of Waste water treatment units	Botany (SEM V T2 chemistry) (B.Sc.)	46	3	138

SPORTS ACHIEVEMENTS

- Girls Handball team -championship at University level and they selected for National Level.
- Ms. Patel Aneri (**B.Sc. Chemistry Sem.-IV**) has secured 2nd rank in Chess (Girl) competition at University Level.
- College girls Table Tennis team secured 3rd place at University level.
- College boys Handball team secured 3rd place at University level.
- There are 14 students out of which 3 boys and 11 girls performed at National Level sports like Hand Ball, Kho-Kho(Women), Chess, Table Tennis(Women) representing WEST ZONE.
- Captaincy was handed over to HVPGR students in Hand Ball (Women) and Kho-Kho (Women) at National Level.



Financial Assistance to the Students(16-17) Summary



Scholarship/Fee Waive	Number of students	Amount (Rs.)
MEAN Scholarship by KSV	58	409600
MERIT Scholarship by KSV	33	390900
Self Finance Scholarship (Government)	46	1459300
Total		2259800

Category wise

Scholarship	Scheduled Cast	Scheduled Tribe	SEBC/OBC	Open
MERIT Scholarship	—	1	5	27
Self Finance Scholarship (Government)	46	—	—	—



INNOVATIVE ACTIVITES





EXTRA CURRICULAR ACTIVITIES OF INSTITUTE



Sr. No.	Name of the activity
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>One Rupee (Collected amount donated to Old Age Home)</i>
6	<i>Donation to the needy people</i>
7	<i>Green Audit</i>
8	<i>Intra-college model and poster making competition</i>



EXTRA CURRICULAR ACTIVITIES OF INSTITUTE



Sr. No.	Name of the activity
9	Personality Development Lectures
10	Group Discussion
11	Presentation on various topics
12	Interclass Quiz
13	AKSHAR Board
14	Birthday Plantation (whole year)
15	Pot decoration



RESULT SUMMARY





Subject: M.Sc. (Microbiology)

Semester	No. of students appeared	SGPA						ATKT
		≥ 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	
I	24	0	1	8	14	0	--	1
II	24	0	2	7	14	0	--	1



M.Sc. MICROBIOLOGY – **SEMESTER I**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc SEM I	MB-101	24	0	3	7	8	6	0	0
	MB-102	24	0	0	1	9	14	0	0
	MB-103	24	0	0	5	6	13	0	0
	MB-104	24	0	0	3	9	11	0	1
	MB-105	24	0	0	4	10	10	0	0



M.Sc. MICROBIOLOGY – **SEMESTER II**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc SEM II	MB-201	24	0	3	9	8	4	0	0
	MB-202	24	0	0	3	12	9	0	0
	MB-203	24	0	3	7	7	7	0	0
	MB-204	24	0	3	9	9	2	0	1
	MB-205	24	0	2	7	10	5	0	0



Subject: B.Sc. (Microbiology)

Semester	No. of students appeared	SGPA						ATKT	Absent
		≥ 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		
I	77	1	5	13	13	4	--	38	3
II	71	1	6	12	26	5	--	21	0
III	88	0	3	14	28	06	--	37	0
IV	87	2	11	30	28	6	--	10	0
V	96	1	2	17	52	20	--	04	0
VI	95	1	4	29	49	4	--	8	0



B.Sc. MICROBIOLOGY - *SEMESTER I*

Semester	Subject	No. of Students								
		Appeared	A+	A	A-	B+	B	B-	ATKT	Absent
B.Sc SEM I	CMB-101	77	0	3	9	17	22	19	4	3
	EMB -101B	77	0	2	4	4	13	20	31	3
	CBI-101	77	0	5	10	20	17	19	3	3
	CCH-101	77	0	1	4	10	22	21	16	3
	EGC-101	77	1	4	14	13	17	21	4	3
	FCG-101	77	3	9	20	21	14	5	2	3



B.Sc. MICROBIOLOGY - **SEMESTER II**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B -	ATKT
B.Sc SEM II	CBI 201	71	0	13	3	26	16	11	2
	CCH 201	71	0	3	7	10	24	20	7
	CMB 201	71	1	2	3	17	31	17	0
	EGC 201	71	0	0	4	6	35	25	1
	EMB 201A	71	2	8	8	8	15	14	16
	FCG 201	71	1	4	9	22	16	12	7



B.Sc. MICROBIOLOGY - ***SEMESTER III***

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
B.Sc SEM III	CMB-301`	88	0	3	11	21	29	17	7
	CMB-302	88	0	0	1	16	29	18	24
	EMB-301A	88	4	5	11	10	17	34	6
	CCH-301	88	1	1	5	16	26	20	20
	CCH-302	88	0	0	11	28	35	10	4
	EGC-301	88	1	8	4	24	13	36	2
	FCG-301	88	0	3	0	12	41	31	1



B.Sc. MICROBIOLOGY - *SEMESTER IV*

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
B.Sc SEM IV	CCH-401	87	0	13	23	24	15	12	0
	CCH-402	87	3	14	24	27	8	8	3
	CMB-401	87	0	3	15	20	28	120	1
	CMB-402	87	1	6	19	32	21	7	1
	EGC-401	87	0	1	5	29	36	15	1
	EMB-401B	87	5	5	14	16	15	27	5
	FCG-401	87	0	13	30	21	13	6	4



B.Sc. MICROBIOLOGY – **SEMESTER V**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
B.Sc SEM V	CMB-501	96	1	3	25	51	14	2	0
	CMB-502	96	1	1	8	30	39	17	0
	CMB-503	96	1	2	7	32	37	17	0
	CMB-504	96	0	2	8	26	37	23	0
	EGC-501	96	1	7	24	35	26	3	0
	EMB-501A	96	5	14	18	21	21	15	2
	FCG-501	96	0	11	15	28	29	12	1



B.Sc. MICROBIOLOGY – **SEMESTER VI**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
B.Sc SEM VI	CMB-601	95	0	2	14	29	26	24	0
	CMB-602	95	1	22	54	16	2	0	0
	CMB-603	95	1	0	6	32	33	23	0
	CMB-604	95	0	4	24	45	17	2	3
	EGC-601	95	0	0	4	18	27	42	4
	EMB-601A	95	0	2	21	51	17	3	0
	FCG-601	95	0	0	5	32	48	8	0



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		
I	155	00	04	25	33	02	91	00
II	148	00	06	46	47	04	45	00
III	93	00	22	40	22	01	08	00
IV	90	00	11	45	23	00	11	02



M.Sc. CHEMISTRY - *SEMESTER I*

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc. Chemistry I	CH-101	155	00	03	11	33	57	40	11
	CH-102	155	00	00	00	12	34	31	78
	CH-103	155	00	01	11	24	26	50	43
	CH-104	155	00	01	11	15	38	61	29



M.Sc. CHEMISTRY - **SEMESTER II**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc. Chemistry II	CH-201	148	00	02	24	40	51	18	13
	CH-202	148	00	00	08	32	44	34	30
	CH-203	148	00	04	20	34	42	37	11
	CH-204	148	00	00	04	06	48	59	31



M.Sc. CHEMISTRY - *SEMESTER III*



Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc. Chemistry III (Organic)	OC-301	54	00	11	22	20	00	00	01
	OC-302	54	00	03	21	20	00	09	01
	OC-303	54	00	02	33	13	03	01	02
	OC-304	54	00	03	12	24	12	01	02
M.Sc. Chemistry III (Analytical)	AC-301	39	00	01	02	09	10	16	01
	AC-302	39	00	00	03	12	12	10	02
	AC-303	39	00	00	01	04	15	14	05
	AC-304	39	00	01	08	13	13	04	00



M.Sc. CHEMISTRY - *SEMESTER IV*



Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
M.Sc. Chemistry IV (Organic)	OC-401	53	00	05	16	12	14	04	02
	OC-402	53	01	06	20	13	08	05	00
	OC-403	53	00	00	07	32	13	01	00
	OC-404	53	00	04	13	24	09	01	02
M.Sc. Chemistry IV (Analytical)	AC-401	37	00	00	03	08	11	11	02
	AC-402	37	00	01	07	14	10	03	02
	AC-403	37	00	00	02	06	11	10	08
	AC-404	37	02	01	06	09	10	04	03



Subject: B. Sc. (Chemistry)



Semester	No. of students appeared	SGPA						ATKT
		≥ 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	
I (Maths)	151	0	0	09	22	20	-	100
I (Botony)	97	01	02	03	16	10	-	65
II (Maths)	146	0	0	06	18	09	-	113
II (Botony)	91	0	3	16	30	04	-	38



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		
III	232	00	05	36	62	20	107	02
IV	221	00	14	40	64	06	97	00
V	224	00	20	60	79	18	47	00
VI	222	00	07	85	73	05	52	00



B.Sc. CHEMISTRY - **SEMESTER I**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
B.Sc SEM I (Maths)	CCH-101	151	0	0	5	7	23	47	69
	CMAT-101	151	0	01	02	08	27	63	50
	CPH-101	151	0	04	05	12	24	83	23
	ECH-101 A	151	01	04	11	18	27	46	44
	EGC-101	151	0	01	01	10	32	66	41
	FCG-101	151	0	02	20	51	46	28	04



B.Sc. CHEMISTRY - **SEMESTER I**

Semester	Subject	No. of Students							
		Appeared	A+	A	A-	B+	B	B-	ATKT
B.Sc SEM I (Botony)	CBI-101	97	0	02	01	06	22	47	19
	CCH-101	97	0	0	03	07	08	38	41
	CPH-101	97	02	01	04	02	14	32	42
	ECH-101 A	97	01	01	11	15	11	35	23
	EGC-101	97	0	01	0	09	18	38	31
	FCG-101	97	0	01	04	23	37	27	05



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



Semester	Subject	No. of Students								
		Appeared	A+	A	A-	B+	B	B-	ATKT	Absent
B.Sc SEM II (Maths)	CCH-201	146	0	0	01	16	48	58	58	15
	CMAT-201	146	0	02	07	15	25	38	44	15
	CPH-201	146	0	04	12	16	23	46	30	15
	ECH-201 A	146	0	0	02	02	13	68	46	15
	EGC-201	146	0	0	0	12	40	59	20	15
	FCG-201	146	0	0	01	05	39	20	66	15



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



Semester	Subject	No. of Students								
		Appeared	A+	A	A-	B+	B	B-	ATK T	Absent
B.Sc SEM II (Botony)	CBI-201	91	02	07	24	18	14	06	18	8
	CCH-201	91	0	01	03	11	24	29	16	7
	CPH-201	91	01	04	02	17	13	33	14	7
	ECH-201 A	91	0	0	02	04	08	54	16	7
	EGC-201	91	0	0	01	18	34	28	3	7
	FCG-201	91	0	04	23	32	20	02	3	7



B.Sc. CHEMISTRY – *SEMESTER III*

Seme ster	Subject	No. of Students								
		Appeared	A+	A	A-	B+	B	B-	ATKT	Absen t
B.Sc SEM III	CCH-301	232	0	09	23	26	36	81	55	02
	CCH-302	232	03	09	21	21	47	71	55	05
	CPH-301	232	0	03	13	31	56	110	14	05
	CPH-302	232	01	10	24	41	62	58	31	05
	ECH-301	232	02	06	18	44	66	68	21	07
	EGC-301	232	02	08	28	59	43	71	14	07
	FCG-301	232	00	00	02	32	76	84	31	07
	PCH-301	232	01	34	111	58	08	00	14	06
	PPH-301	232	00	07	59	100	46	08	05	07



B.Sc. CHEMISTRY – *SEMESTER IV*

Seme ster	Subject	No. of Students								
		Appeared	A+	A	A-	B+	B	B-	ATKT	Absen t
B.Sc SEM IV	CCH-401	221	0	8	22	43	60	67	14	05
	CCH-402	221	1	10	26	51	56	53	13	05
	CPH-401	221	2	17	45	46	38	46	17	05
	CPH-402	221	3	17	46	54	54	25	14	05
	ECH-401	221	0	05	07	15	28	87	71	05
	EGC-401	221	0	04	15	56	76	61	01	05
	FCG-401	221	0	20	47	39	75	03	28	05
	PCH-401	221	0	34	103	60	14	0	00	05
	PPH-401	221	0	09	49	98	43	11	00	05



B.Sc. CHEMISTRY – **SEMESTER V**

Semest er	Subject	No. of Students								
		Appeared	A+	A	A-	B+	B	B-	ATKT	Ab sen t
B.Sc SEM V	CCH-501	224	00	08	54	66	60	23	11	02
	CCH-502	224	01	09	39	59	63	40	11	02
	CCH-503	224	00	05	36	46	58	57	21	01
	CCH-504	224	00	03	24	61	63	58	14	01
	ECH-501	224	01	24	50	59	30	50	9	01
	EGC-501	224	06	16	28	46	30	85	13	00
	FCG-501	224	00	01	36	90	72	17	05	02
	PCH-501	224	00	16	94	95	16	0	0	03



B.Sc. CHEMISTRY – **SEMESTER VI**

Semest er	Subject	No. of Students								
		Appeared	A+	A	A-	B+	B	B-	ATKT	Absen t
B.Sc SEM VI	CCH-601	222	03	31	53	55	45	28	7	1
	CCH-602	222	00	08	41	54	67	41	11	1
	CCH-603	222	02	19	50	54	43	40	14	1
	CCH-604	222	00	06	47	59	68	38	04	1
	ECH-601	222	02	10	37	39	44	66	24	1
	EGC-601	222	0	0	2	14	49	129	26	2
	FCG-501	222	0	1	19	49	95	40	16	2



STUDENT PLACEMENT

- ❑ **Pre - Placement Training**
- ❑ **Placement Initiatives**



PRE-PLACEMENT TRAINING



Date	Panelist	Number of Student	Remarks
29-30/04/2017	Dr. Chintan Pandya, Ms. Revti Deshpande, Ms. Shradhdha Zala	27	For the preparation of interview at Zydu wellness, Lamda Bio, Amanta Healthcare, Lareverie Healthcare Ltd., Torrent pharma, Cera Ceramaic etc.
28-29/03/2017	Dr. Chintan Pandya Dr. Bharat Makwana Dr. Parimal Chatrabhuji Dr. Nandaniya Ram	09	For the preparation of interview at Lincoln, Accutest, Mascot, Synchome, Zydus PTC etc.
13-14/02/2017	Dr. Bharat Makwana, Dr. V. M. Patel	19	For the preparation of interview at Piramal Healthcare Ltd.



PRE-PLACEMENT TRAINING



Date	Panelist	Number of Student	Remarks
06-07/02/2017	Dr. Chintan Pandya Dr. M.C. Patel	47	For the preparation of interview at Oxgen Healthcare Ltd., Aculife Healthcare Ltd.
02-03/01/2017	Dr. Malay Bhatt, Dr. Piyush Vyas	37	For the preparation of interview at Astra life care
24-25/11/2016	Dr. Jashmin Kumbhani, Ms. Revti Deshpande	17	For the preparation of interview at Asian Paints Ltd.



PLACEMENT DETAILS

POST GRADUATION PLACEMENT SUMMARY

M.Sc. Program	Student Passed	No. of Students demanded for industrial placement	No. of Student placed in industries	No. of Students placed in Academic	Further studies/ Abroad	Yet Not Placed	Placement (%)
90	79	57	57	12	04	00	100



PLACEMENT DETAILS

POST GRADUATION PLACEMENT DETAILS

Company	No. of student placed	Salary break-ups (lacks per annum)	Organic	Analytical
Torent Pharmaceutical Ltd.	02	2.20	01	01
Piramal Heathcare Pvt. Ltd.	06	1.92	06	--
Aculife Health care Ltd.	13	1.44	07	06
Lincoln Pharmaceuticals Ltd.	09	1.14	05	04
Oxygen Healthcare Ltd.	02	2.20	01	01



PLACEMENT DETAILS

POST GRADUATION PLACEMENT DETAILS

Company	No. of student placed	Salary break-ups (lacks per annum)	Organic	Analytical
Accutest Laboratories Ltd.	03	1.44	02	01
Astra Life Care Ltd.	05	1.44	03	02
Amanta Healthcare Pvt. Ltd.	02	1.44	--	02
Cadila Healthcare Ltd.	01	2.20	01	--
Lareverie Healthcare Ltd.	02	1.20	01	01



PLACEMENT DETAILS

POST GRADUATION PLACEMENT DETAILS

Company	No. of student placed	Salary break-ups (lacks per annum)	Organic	Analytical
Lemda Bioresearch Ltd.	02	1.44	--	02
Mascot Healthcare Ltd.	01	1.08	01	--
Synchrom Laboratories Ltd.	01	1.44	--	01
Zandu Pahraceuticals Pvt. Ltd.	05	1.20	04	01
Zydus PTC	01	2.20	--	01



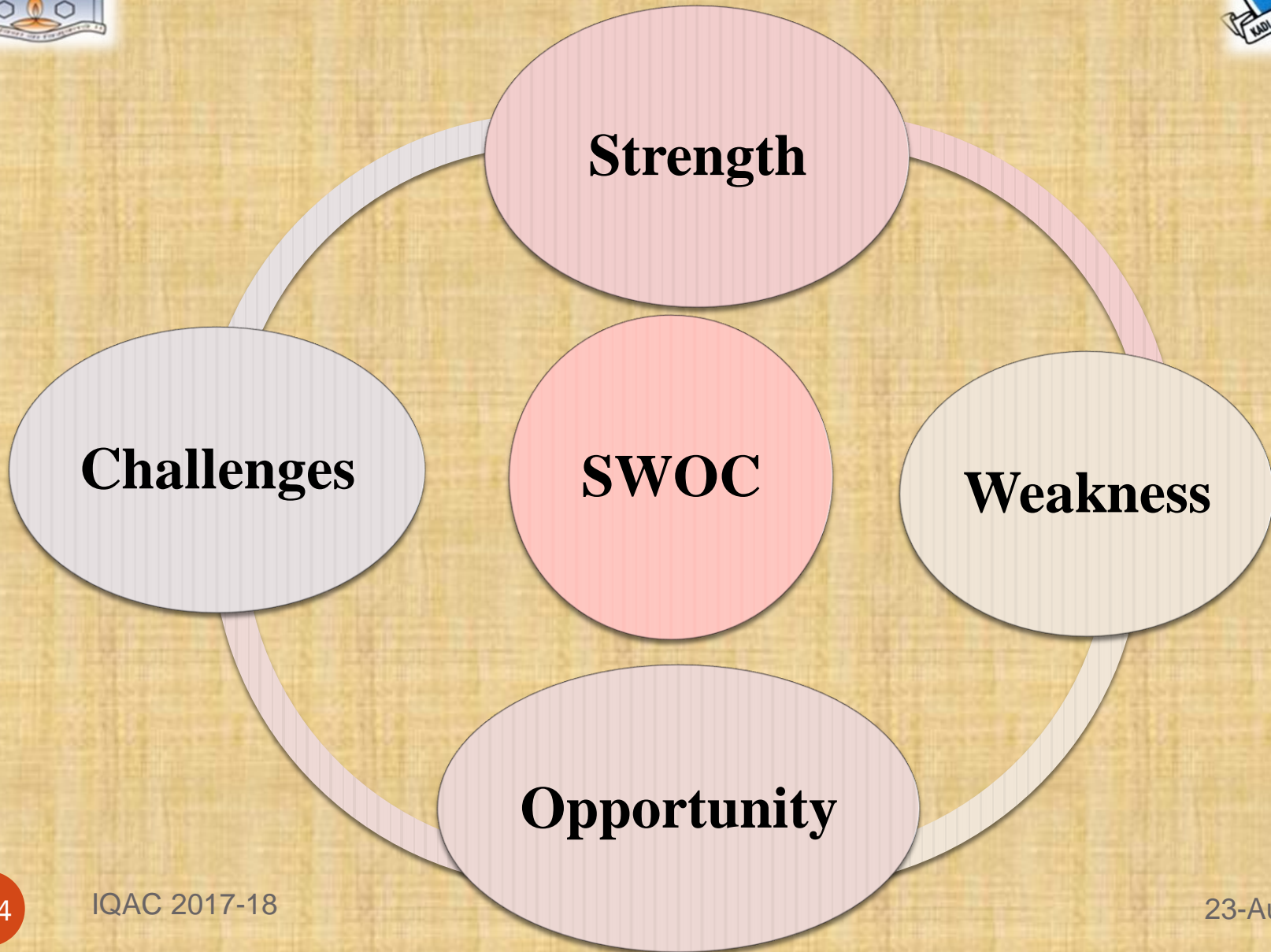
PLACEMENT DETAILS

POST GRADUATION PLACEMENT DETAILS

Company	No. of student placed	Salary break-ups (lacks per annum)	Organic	Analytical
Zydus Wellness Ltd.	02	1.44	--	02
Academic	12	1.20	09	03



SWOC Analysis





❑ **Strength :**

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

❑ **Weakness :**

- ✓ Low merit of students at entry level
- ✓ Location

❑ **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



OUTCOME OF PROPOSED ACTIVITIES IN PREVIOUS IQAC



As proposed in previous IQAC we have successfully carried out three main activities during September 2016 to August 2017

- 1) Science Exhibition**
- 2) National Conference of Agriculture Biotechnology and Sustainable Development**
- 3) Guest lecture Series In Chemsitry**



1) SCIENCE EXHIBITION



Theme of Exhibition: “Rural Development through Science & Technology”

Date: 06 -07 January 2017

Venue: Sarva Vidyalaya Campus, Kadi

- ☐ Total 221 students have participated from Science and engineering disciplines .
- ☐ Total 221 live models and 164 posters presented
- ☐ Total 7630 students from 32 school of kadi and mehsana district have visited exhibition.
- ☐ Topics of Exhibition were as under:

The innovative and smart Village	Less water and farming
Bicycles without chain	Electro Magnetic Train
Plowing with Automatic equipment	Automatic irrigation system



Science Exhibition at Glance





2) National Conference of Agriculture Biotechnology and Sustainable Development



Theme of Exhibition: “Agriculture Biotechnology And Sustainable Development”
Date: 17 -18 December 2016
Venue: Sarva Vidyalaya Campus, Kadi .

- ☐ Total 381 participants and presenters registered from the various colleges and institutes of the country.
- ☐ The first plannery session was delivered by Prof. Shailesh R. Dave, Eminent Professor, Gujarat University, entitled as “*Applied Biotechnology its applications in agriculture*” .
- ☐ There were total 22 **Oral presentations**, out of which 11 were presented in **Research category** while 11 were presented in **Review category**.
- ☐ The next day “**Farmers Meet And Agri Expo**” was held.
- ☐ Total 24 agriculture based products manufacturing industries from the Gujarat participated.
- ☐ Total 1280 Farmers from the nearby regions of the Kadi visited.



National Conference of Agriculture at glance





3) Chemistry Guest Lecture Series

Sr. No.	Name of the Guest Faculty	Institute	Recognizat ion	Date	No. of Students attendee	Topic
1	Dr. P C Jha	CUG, Gandhinagar	Associate Professor, Chemistry, PDF	12/08/2017	132	Computational Chemistry
2	Dr. Roli Mishra	UAIR, Gandhinagar	Asst Professor, Chemistry, PDF	19/08/2017	124	Peptide Binding
3	Dr. Nidhi Gour	UAIR, Gandhinagar	Asst. Professor, Chemistry, PDF (4 Times)	05/08/2017	126	Nanotechnolo gy



3) Chemsitry Guest Lecture Series

Sr. No .	Name of the Guest Faculty	Institute	Recoganiz ation	Date	No. of Students attendee	Topic
4	Dr. Nikunj Valand	School of Sciences, Ahmedabad	DST-Inspier, PDF (USA)	15/07/2017	128	Superamolecules
5	Dr. Pranav Shrivastav	School of Sciences, Ahmedabad	Associate Professor, Chemistry,	22/07/2017	116	Analytical Techniques
6	Dr. Umesh Tarpada	Govt. Science College, Gandhinagar	Asst. Professor, Chemistry, NET, SLET, GATE Qualified	08/07/2017	136	Spectroscopy



3) Chemistry Guest Lecture Series

Sr. No.	Name of the Guest Faculty	Institute	Recognition	Date	No. of Students attendee	Topic
7	Mr. Chirag Patel	School of Sciences, Ahmedabad	Ph.D., PDF (USA)	09/06/2017	134	Computational Chemistry
8	Dr. Piyush Vyas	Seth M N Science College, Patan	Asst. Professor, Chemistry	16/11/2016	132	Molecular Symmetry
				02/10/2016	128	
				07/10/2016	116	
9	Dr. Deep Joshi	Seth M N Science College, Patan	Asst. Professor, Chemistry	01/10/2016	136	Inorganic & Biochemistry
				15/10/2016	125	



Guest Lecture Series at glance





Part B :

PLANNING FOR ACTIVITIES AND EVENTS

(September – 2017 to March – 2018)



Expected Research Publications

Sr. No.	Name of Department	No. of Research paper to be published
1	Chemistry	10
2	Microbiology	4
3	Physics	2
4	Botany	2
5.	English	2



Institutional Activities

- **Organization of Youth Festival SANGAT 2017 on 15-16 September 2017**
- **Proposal of Two Minor Research Projects in physics**
- **IIT-Bombay Open Source Spoken Tutorial technical session for faculties**
- **Organize Science exhibition in December 2017**
- **Reincarnating Scientific personalities**



Institutional Activities

- **Book review for M.Sc. Students**
- **Establishment of Chemistry Club**
- **Increase industrial visits and Instrumental training**
- **Increase placement opportunities to students**

