

Annual Report

(2018-2019)

Curricular Aspects

ARIBAS Accredited "A" Grade by NAAC and Knowledge consortium of Gujarat.

ARIBAS was ranked within 101 – 150 in 2015-2016 in NIRF ranking based on Teaching & Learning Resources, Research, Professional competence, social outreach activities etc. and our institute was one among the first four within the state of Gujarat. This year also we have submitted NIRF report and we are hopeful to get good ranking.

Admission 2018-19

The details of no. of students applied and no. of student joined the course are as follows:

Sr No	Yea/Class/ Semester	No. of students applied as per centralized Admission	No. Of Students Joined the course
1	M.Sc.(Int) Biotechnology	86	33
2	M. Sc Biotechnology	35	15
3	M. Sc Microbiology	60	28
4	M. Sc. Pharmaceutical Chemistry	07	07
5	M. Sc Genetics	21	08
6	M Sc Forensic Science	08	02
7	Total	217	93

M. Sc. Integrated Biotechnology

ARIBAS is offering five year course after 12th Science (A & B group). Centralized admission procedure was adopted by Sardar Patel University. Total 86 applications were received this year out of which 33 students joined the course.

Dissertation

This year, 73 M. Sc. Integrated Biotechnology (IGBT) students completed dissertation in ARIBAS.

Result

Overall the result was satisfactory, percent of students promoted to next semester is 100% in all the semesters except for Sem. I & III. The number of students with ATKT status declined as students reach higher semesters and become more serious about their studies. This also shows the concerted efforts put in by faculties to improve their knowledge level and to motivate them towards studies.

Result of M. Sc. IGBT

Course	No. of Students					% of students promoted
	Appeared	Promoted	ATKT	Absent	NPTA	
IGBT-I	30	29	3	0	1	96%
IGBT-II	26	26	1	0	0	100%
IGBT-III	26	25	3	0	1	95%
IGBT-IV	35	35	1	0	0	100%
IGBT-V96	35	35	1	0	0	100%
IGBT-VI	42	42	0	0	0	100%
IGBT-VII	43	43	6	0	0	100%
IGBT-VIII	61	57	4	0	0	100%
IGBT-IX	60	60	3	0	0	100%
IGBT X	73	73	0	1	0	100%
IGBT XI	73	73	0	0	0	100%

Final Semester Result (M. Sc. IGBT Sem XI)

- No. of Students passed with distinction 30
- No. of students passed in First Division 32
- No. of students passed in Second division 11

Ms. Aryana Singh Bhati is university topper in IGBT course of M. Sc. Int. Biotechnology at Sardar Patel University.

Other M. Sc. Courses

ARIBAS is also offering two years courses in M. Sc. Biotechnology, Microbiology, Genetics, Pharmaceutical Chemistry and Forensic Science. Total 131 applications were received this year out of which 60 students joined the course.

Dissertation

19 students from M. Sc. Courses completed in-house dissertation.

Result

In all the five M. Sc. courses result was ~100%, though 17 students of M. Sc. Microbiology Sem I – IV and 11 student of M. Sc. Biotechnology Sem I To IV have ATKT status.

Course	No. of students			Absent	NPTA	% of students Promoted
	Appeared	Promoted	ATKT			
Genetics Sem I	8	6	0	1	1	86%
Genetics Sem II	2	2	0	0	0	100%
Genetics Sem III	2	2	0	0	0	100%
Genetics Sem IV	4	4	0	0	0	100%
Microbiology Sem I	28	28	7	0	0	100%
Microbiology Sem II	16	15	3	0	0	94%
Microbiology Sem III	15	15	4	0	0	100%
Microbiology Sem IV	13	10	3	0	0	77%
Biotechnology Sem I	14	14	5	0	0	100%
Biotechnology Sem II	7	7	4	0	0	100%
Biotechnology Sem III	7	7	2	0	0	100%
Biotechnology Sem IV	1	1	0	0	0	100%
Pharma Chem. Sem I	7	7	0	0	0	100%
Pharma Chem. Sem II	4	4	0	0	0	100%
Pharma. Chem. Sem III	4	4	0	0	0	100%
Pharma. Chem. Sem IV	1	1	0	0	0	100%
Forensic Science Sem I	2	2	0	0	0	100%
Forensic Science Sem II	2	2	0	0	0	100%

Final Year Result

M. Sc Microbiology	First Class with Distinction	01
M. Sc. Biotechnology	First Class with Distinction	Nil
M. Sc. Genetics	First Class with Distinction	02
M. Sc. Pharmaceutical Chemistry	First Class with Distinction	01

Remedial classes

- ❖ Every year remedial classes are arranged for weak and slow learners/needly students. This year remedial classes were conducted during 1st to 24th September, 2018.

PDP Classes

- ❖ Personality Develop Classes (PDP) through our Career Development Centre was conducted from 7th to 9th January, 2019.
- ❖ Various topics like acquiring competence in language, self-awareness, communication skill, positive attitude, maze mapping, Etiquette as well as body language and interview skills were covered during the PDP classes.

Institute Support for Student Scholarship and Fellowships

- ❖ ARIBAS helps students in getting financial assistance by making them aware about different government scholarships available and doing the necessary official procedure. The total amount expected as students scholarship/fellowship under different categories in 2018-19 is Rs. **19, 71,500/-**

Government Scholarships/Fellowships received by ARIBAS students

Type of Scholarship	Amount (Rs.)
Post-metric Scholarships	
For ST students	4,82,000/-
For SC students	4,62,000/-
For OBC students	1,00,000/-
Minority	25,000/-
MYSY	30,000/-
Union Territory (Daman & Diu)	76,500/-
Indira Gandhi Single Girl Child	60,000/-
Hotel Scholarship for Sc/ ST	40,000/-
Ph. D. Fellowship	
Rajiv Gandhi National Fellowship (RGNF)	6,96,000/-
Total	19,71,500/-

Research Aptitude

Charutar Vidya Mandal always emphasized on active and useful research activity in CVM institutions. To achieve this vision, ARIBAS is working categorically towards instilling research aptitude in students at an early age.

- ❖ For all the students, starting from IGBT/M. Sc. Sem I, seminar presentation is compulsorily on good quality research paper downloaded from Pubmed Central, the power point presentation is in front of whole of the class and evaluated by at least two teachers.
- ❖ The evaluation of dissertation, undertaken by final semester students, is done in three stages:
 - i. Project proposal evaluation by examiners in open seminar
 - ii. Mid- term evaluation in the form of poster presentation
 - iii. Final thesis evaluation and presentation

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- ❖ **Checking the thesis for Plagiarism has been made mandatory for all.**

Paper presentation in National Seminar / Conference by Students

- ❖ Dissertation students/M.Sc. students are encouraged to participate and present their work in seminar and conferences. **Fourteen** dissertation students have presented their work in National seminar / conferences.
- ❖ Ms. Aryana Singh Bhati, a dissertation student, won 1st Prize for best research paper award in Gujarat Science Congress, 2019, organized at Ahmadabad.
- ❖ Ms Zeba Zaki M. Sc. PCH Student Presented Poster in Gujarat Science Meet, January, 2019, Organized by GSA-VVN chapter at A. N. Patel Institute, Anand won 2nd Prize.

C-Cube (Career Counseling Cell):

- ❖ Career Counseling Cell (C-Cube) of ARIBAS provides placement assistance to the students in relevant organization. Students of M.Sc. Biotechnology, Microbiology, Genetics and PCH are trained for filling of the forms for C-cube registration and preparation of Curriculum vitae.
- ❖ Job opportunities from various Pharmaceutical Industries were shared to students using various Social network platforms like WhatsApp and email.
- ❖ Many passed out students are also preparing for IELTS exam.

Prakash Chemical Pvt. Vadodara has conducted Campus interview in Vidyanagar. Eleven students of M. Sc Pharmaceutical Chemistry appeared for the interview and three students were selected for final round. Students are asked to join the company after completion of their final semester exam. One student is selected for internship at the company in summer internship.

Placement Details

Year	Job Industry / Research Institute	Higher Studies	Preparing for competitive Exam	Entrepreneur
2016	12	21	05	02
2017	20	05	01	-
2018	19	04	30	02

Major Industries where ARIBAS students are working

- Abaxis, Northern California, USA ,
- INTAS pharmaceuticals, Ahmedabad.
- Xcelris Labs Limited, Ahmedabad.
- Centurion Remedies Pvt. Ltd. Jambusar.
- Abaris health Care Private Limited at Rajpur, Kadi.
- Green Cross Genetics diagnostics and Research Pvt. Ltd., Ahmedabad.
- J. B. Chemicals & Pharmaceuticals, Ankleshwar.
- Steriling Biotech Pvt. Ltd. Baroda.
- Accent Microcell Pvt. Ltd. Dahej Tal Vagra Dist Bharuch.
- Astral Steritech Pvt.Ltd. Dahej Tal Vagra Dist Bharuch.
- Vovantis Laboratories Pvt. Ltd Ranoli.
- Surmount Pharma Laboratory Pvt Ltd GIDC, Ankleshwar.
- Infinita Biotech Pvt Ltd Vadodara Enzyme production
- Amanta Healthcare Ltd. Kheda
- Centre for DNA fingerprinting & Diagnosis (CDFD), Hyderabad

The details of student placement in Industry/Research/ Higher studies:

Sr. No.	Name of student	Branch	Industry / Institute	Position	Joining dates
1.	Nitun Patel	MICRO	Accent Microcell Pvt. Ltd. Dahej Tal Vagra Dist Bharuch	Junior QC	June 2018
2.	Avani J. Gazdar	IBT	Faze 3 ltd, Vapi	ETP Incharge	May 2018
3.	Beena Patel	MICRO	Astra Steritech Pvt.Ltd Dahej Tal Vagra Dist Bharuch	Trainee	June 2018
4.	Rima Patel	MICRO	Accent Microcell Pvt Ltd Dahej Tal Vagra Dist Bharuch	Microbiologist	Aug 2018
5.	Vaidehi Patel	MICRO	Accent Microcell Pvt.Ltd. Dahej Tal Vagra Dist Bharuch	Microbiologist	Aug 2018
6.	Keya B Joshi	MICRO	Vovantis Laboratories Pvt. Ltd Ranoli	Trainee Microbiologist	Aug 2018
7.	Nitun H Patel	MICRO	Surmount Pharma Laboratory Pvt Ltd GIDC, Ankleshwar	Microbiologist	Aug 2018
8.	Jitendra Shewale	Genetics	Dhule Science College, Maharashtra	Adhoc Faculty	June 2018
9.	Payal M Patel	GBT	Dhanvantri Pharma R&D Kim, Surat	Trainee	June 2018
10.	Rinkesh Patel	IBT	Astral Steritech Makarpura Vadodara & Elysium Pharmaceutical Ltd. Vadodara	Production Micro Dept. Trainee	10 Dec 2018 & 29 Jan 2019
11.	Harshad Changani	IBT	Infinita Biotech Pvt.Ltd Vadodara, Enzyme production	Trainee	10 Dec 2018
12.	Aakash Patel	EBT	Encler Biomedical waste pvt. Ltd. ETP plant Surat	En-cler Biomedical waste pvt. Ltd. ETP plant Surat	Dec 2018
13.	Lincy Thankachan	EBT	Shroff SR Institute of chemical technology (SRICT), Vataria, Ankleshwar	Laboratory assistant	Jan 2019
14.	Akshay Patel	IBT	Stallion Laboratories Pvt. Ltd. Bavla, Ahmedabad	QA officer	Jan 2019
15.	Urvi Patel	IBT	Amanta Healthcare Ltd. Kheda	Trainee Officer, Micro Dept.	Jan 2019
16.	Pankaj Sharma	MBT	Centre for DNA fingerprinting & Diagnosis (CDFD), Hyderabad	Ph. D. Programme	Feb 2019
17.	Hansraj Vasava	EBT	Joined GPSC Class -SIPA	---	December, 2018
18.	Akruti S. Patel	EBT	Started Tuition Classes	---	January, 2019
19.	Darshan H Mehta	EBT	Joined Family Business	---	December, 2018
20.	Riya H Mehta	IBT	Synergy Medsol, Ahemadabad	Medical Billing	January, 2019
21.	Monika Modi	GBT	Vapi Care Pharma	Microbiologist	Jan 2018

22.	Nikita P. Patel	GBT	Bhaskar Duty School Valsad	Teacher	Jan 2018
23.	Vraj G. Patel	EBT	New York University USA	Management Student	---
24.	Mayank Brahmhatt	EBT	Ontario, Canada	Management Student	---
25.	Gopal G. Surani	PCH	Ontario, Canada	Management Student	---
26.	Ms. Urvi K. Rahelu	EBT	AWH Envirotech and Laboratories, GIDC, Vatva, Ahmedabad	Jr. Environment Chemist	---
27.	Ms. Maitri Lakhani	IBT	Joined for Entrepreneurship Development Programme	---	---

ARIBAS Students in Premier Research Institutes

- Pankaj Sharma has joined Ph D program at Centre for DNA fingerprinting & Diagnosis (CDFD), Hyderabad.
- Payal Kataria has joined Centre for DNA fingerprinting & Diagnosis (CDFD), Hyderabad.

Success in Competitive Examination

Following students qualified CSIR-NET examinations in 2018

S.N.	Name of the student	Examination	AIR	Year
1	Pankaj Sharma M. Sc. IGBT	NET. JRF CSIR	45	2018
2	Shivam Patel M. Sc. IGBT	LS	36	2018
3	Sohail Mansuri M. Sc. IGBT	NET, JRF, CSIR	47	2018
4	Drishti Patel M. Sc. IGBT Sem X	SET	Passed	2018

Departmental Research Committee (DRC)

- ❖ Nine (9) faculties are recognized Ph. D. supervisors of S. P. University in Biotechnology, Medical Biotechnology, Microbiology, Biochemistry, Genetics, and Pharmaceutical Chemistry, Chemistry and Industrial Chemistry.
- ❖ Departmental Research Committee (DRC), coordinated by Dr. J. B. Chauhan with all Head of Departments as members is in place to organize the course work and arrange for six monthly report presentation and submissions by Ph. D. students.

The current status of Ph.D. students in ARIBAS is as under:

Subject	Number of students		
	Pursuing Ph.D.	Thesis submitted	Degree Awarded
Biotechnology	01	-	02
Microbiology	02	01	-
Medical Biotechnology	-	-	-
Genetics	-	-	02
Biochemistry	03	-	02
Pharmaceutical Chemistry	01	-	-
Total	07	01	06

- ❖ Two Faculty members Ms. Nisha Daxini and Mr. Sanjay Lal were awarded Ph. D. degree.

Research Students Achievements

- ❖ 12 papers have been published by research scholars in national/international journals
- ❖ **Ms. Unisha Binal Amin** has presented a poster on “**Susceptibility of Bacterial Biofilm against Fruit and Plant Extracts**”, at the Annual Congress on Microbiology and Microbiologists held during November 19-20, 2018 in Orlando, USA. **Received Best Poster Award.**
- ❖ 09 papers were presented by research scholars in National / International Seminar/ Conferences.

Membership of Academic Bodies of SP University

1. Dr. Bhakti Bajpai is a senate member for the period 2018-2020.
2. Dr. Bhakti Bajpai, Dr. Shilpa Gupte are members of Board of Studies in Biosciences
3. Dr. Ritu Dixit and Dr. Arunabh Mishra are members of Board of Studies in Chemistry.

Faculty's Achievements

Publications/Seminar / Conference / Workshop attended

Sr. No	Faculty	Publication	Books/chapters	Seminar/conference/workshop	Resource person	Gene bank submission
1	Dr. Jenabhai B. Chauhan	05	-	06	01	-
2	Dr. Bhakti Bajpai	01 01 in press	-	06	-	03
3	Dr. Ritu Bharat Dixit	01 01 Accepted	-	05	-	-
4	Dr. Kinnari Nitin Mistry	05	-	04	03	06
5	Dr. Swati Nimesh Narolkar	-	-	05	01	-
6	Dr. Kalpesh B. Ishnava	05	01	06	02	-
7	Dr. Mukund C. Thakur	1	-	06	03	-
8	Dr. Digvijaysinh Rana	-	-	05	03	-
9	Mr. Sanjay Lal	01	-	01	03	-
10	Dr. Arif Khan	-	-	04	-	-
11	Dr. Shilpa A. Gupte	02	Accepted	05	02	-
12	Mrs. Nisha S. Daxini	01	01 Accepted	05	04	06
13	Dr. Sunil Khristi	-	-	04	-	-
14	Dr. Anurabh Mishra	-	01	06	01	-
15	Mr. SnehalIngale	-	01	02	05	-
16	Dr. Sandeep Chovatiya	01	-	02	-	01
17	Dr. Dipika B. Patel	-	-	05	01	-
18	Dr Khushal Patel	-	-	02	-	03
19	Ms Aishvarya Varadiya	-	-	02	01	-
	Total	23	04	81	30	19

Around 23 papers have been published in national and international journals by 19 faculties; 04 chapters in books have been contributed by 04 faculty members, 19 sequences deposited to gene bank by 4 faculties and 81 national and international seminar / conferences have been attended by ARIBAS faculties.

Extramural Funding

Ongoing Research Projects

Four projects are going on in ARIBAS with a total of **Rs.1, 36, 47,340** /- grant from various national funding agencies like GUJCOST, DST and GSBTM.

S.N.	Project	Funding Agency	Amount (Rs.)
1	Synthesis, chemoinformatic development, optimization and preclinical testing of matrix metalloproteinase-2 inhibitors for cardioprotection” PI: Dr. Mukundchandra Thakur	DST Indo-Hungarian	86,86,000/-
2	Selected Gene Polymorphism in Dairy Cattle: A Step Towards Marker Assisted Breeding PI: Dr. J. B. Chauhan	GSBTM, Gandhinagar	1,77,9420/-
3	Screening for polymorphism (s) in the selected candidate genes involved in the pathogenesis of steroid resistant Nephrotic syndrome PI: Dr. Kinnari Mistry in collaboration with AAU	GSBTM, Gandhinagar	29,56,920/-
4	Purification of Industrial effluent using new polymeric material :simultaneous removal of heavy metal and dyes color from Industrial effluent PI: Dr. Ritu Dixit	GUJCOST	2, 25,000/-
		Total	13,647340/-

Completed Research Projects

Three projects of GSBTM and UGC with a total of **Rs. 18,55,008/-** have recently been completed in ARIBAS.

S.N.	Project	Funding Agency	Amount (Rs.)
1	PG-BT CBC-May’2018 Coordinator: Dr. Digvijaysinh Rana	GSBTM, Gandhinagar	2,42,504/-
2	PG-BT CBC- Nov’2018 Coordinator: Dr. Digvijaysinh Rana	GSBTM, Gandhinagar	2,42,504/-
3	Development of High Tannin Resistant Fungal Strain(s) for Gallic Acid Production Dr. Bhakti Bajpai	UGC, New Delhi	13,70,000/-

Project Proposals submitted in 2018-2019

THREE research projects worth **Rs. 3,351,300/-** have been submitted in 2018 – till date by faculty members to different funding agencies.

S.N.	Project	Funding Agency	Amount (Rs.)
1	“Sustained Release and Cytotoxicity Evaluation of Carbon Nanotube Mediated Drug Delivery for Some New Derivatives of Coumarin” PI Dr. Arnavbh Mishra Co PI: Dr Sunil Khistri	Gujarat Council On Science And Technology , Department of Science and Technology, Government of Gujarat	8,71,000/-
2	“Development of DNA Barcodes and Screening of Phytochemical Markers of Selected Commercially Important Medicinal Crops of Gujarat State for its Identification and Authentication” Dr. Sunil Khistri	Gujarat State Biotechnology Mission, Department of Science and Technology, Government of Gujarat	22,80300/-
3.	Entrepreneurship Development Programme Dr. Arnavbh Mishra	DST - NIMAT Project	2,00,000/-

ARIBAS has given consent for organizing DST-INSPIRE camp in 2019 to VIBHA, New Delhi

IQAC

ARIBAS IQAC Cell has organized One day Seminar on “**The role of IQAC in Institutional Development, Quality Sustenance and Empowerment**” 3rd December, 2018. Total 68 participants registered which included faculty members and IQAC coordinator of various institutes. Prof. H. J. Jani, Advisor, Charusat, Gujarat was chief guest and key note speaker; Prof. Sirimavo Nair, FFCS-Deputy Director, IQAC Co-coordinator, M. S. University; Dr. Sebastian V. A. Vadakan, IQAC Coordinator, St. Xaviers College, A’bad were invited as resource person.

Alumni Cell

ARIBAS Alumni Association organized “**Interaction with Alumni**” event on 2nd August 2018. M. Sc. Int. Biotech Sem XI and M. Sc. Sem III students interacted on various issues with invited alumni. Total 102 students and 10 faculty members participated in interaction session.

Alumni members were invited to share their success and experience and ideas to further improve on working methodology and suggested how to align towards industry needs.

Second Alumni Meet will held on 16th February 2019.

Mission Admission

Branding ARIBAS all over Gujarat

- ❖ It is observed in last couple of years that there is an upsurge in education Industry with each region of Gujarat becoming self sufficient in higher education.
- ❖ To sustain in the changing scenario of education, ARIBAS has decided to focus on local area for admission counseling. For this purpose M. Sc. IGBT/ M.Sc. Pharmaceutical chemistry and F. Sc. faculties personally visited schools and colleges in Anand District.
- ❖ ARIBAS is actively involved in spreading awareness about the career option and government fellowships available at various level of education.
- ❖ ARIBAS hosted Vidhyarthi Vighyan Manthan- 2017, Gujarat State level camp II, organized by VIBHA for school students (5th to 11th) on 15th April 2018. 70 students from various school of Gujarat state participated in camp.

CSIR- NET Crash Course

- ❖ ARIBAS is recognized as one of the center of Biotech capacity building cell for Post graduate students (PG-BT-CBC) by GSBTM Govt. of Gujarat since, 2015.
- ❖ Our PG-BT-CBC team organizes Crash Course Twice in a year two weeks prior to CSIR-NET examination.
- ❖ This year also, Convener Dr. Digvijaysinh Rana and team members organized Crash Courses on 4th to 9th June, 2018. In which 60 students participated Second crash course on 26th November to 1st December 2018 (six days) in which 52 students took part.
- ❖ In this workshop, students were trained by more than 20 NET qualified experts.
- ❖ .To conduct this programme GSBTM provide financial support Rs. 4,66,000/- this year.

Other Training Programs

- ❖ M. Sc. Pharmaceutical chemistry Department has arranged one day workshop on “**Fundamental laboratory techniques in pharmaceutical industry**” on 3rd January 2018 for B. Sc. Chemistry students. 80 students have participated in workshop from various undergraduates colleges of Anand, District. Students were trained on UV-VIS/ HPLC/ Drug dissolution modules.
- ❖ 102 students of 04 schools visited ARIBAS and Hands on training program were arranged on various modules for them.
- ❖ 291 students from various school of Anand and other districts visited ARIBAS.

The details of Schools/Students Visit are as follows:

S.N.	NAME OF VISITING SCHOOL	Activity	DATE	NO. OF STUDENTS
1	Shri Santram madhaymik & Uccharat Madhaymik VidyaMAndir, Karamsad	Visit	12/01/2019	28
2	V.B.M. High school, Sunav	Visit	04/01/2019	20
3	Jubilee School, Umreth	Visit	01/01/2019	43
4	Shri I. B. Patel Angel Sr. Secondary School, Anand	Hand's on training	21/12/2018	29
5	Saraswati Sankul, Borsad	Visit	18/12/2019	-
6	Bhartiya Vidya Bhawan School, Nadiad	Hand's on training	04/12/2018	45
7	C. M. Academy Kondh, Ankleshwar	Hand's on training	27/10/2018	13
8	Knowledge School, Vallabh Vidyanagar	Visit	01/08/2018	200
9	V.C. Patel English Medium School	Hand's on training	08/08/2018	15
			Total	393

ARIBAS participated in Gyanotsav, Gandhinagar on 16th & 17th December, 2018.

Library

All books have been barcoded and presently, the book issue/return process is completely barcode enabled.

Physical Library

Presently ARIBAS library has **5605** books.

- **25** new books were purchased last year. Considering the demand of the students, books for competitive examination preparation like NET/GATE.
- **Rs. 20088/-** was provided by GSBTM for book purchase.
- 11 text book are under process for purchase.
- Subscription of 15 magazine/ journals has been renewed this year.

Digital library

- Digital Book 1616
- Thesis 1569
- Practical Protocols for all the courses
- Teaching plan for Theory papers
- Internal and external question paper
- We also have Video lecture library for CSIR Net Examination

Annual Report

Co-Curricular Aspects

Charutar Vidyamandal has formed CVM Madhyasth Samiti for the smooth conduction of co curricular activities at various CVM Institutions under Non Acedamic forum this year. Dr. Ritu Dixit is ARIBAS representative for Madhyasth Samiti.

Orientation Program

- ❖ To mark the beginning of the new session Satyanarayan puja and orientation program for Semester I students of all the courses were organized on 18th July, 2018.

International Yoga Day

- ❖ Yoga day was celebrated jointly with other CVM Institutions at Shastri Maidan on 21st June, 2018.
- ❖ It was coordinated by NSS/Sports Committee.

Parent-Teachers Meeting

A Parents-Teachers Meeting was organized by ARIBAS on 10th March 2018. Parents of students from M. Sc. Integrated Biotechnology Semester II to VI came personally to meet and few parents interacted on phone.

Gyan Forum

- ❖ Research Methodology workshop of Two days (8th & 15th December, 2018) was organized for IGBT Semester X, M. Sc. Microbiology, Biotechnology, Genetics and Pharmaceutical Chemistry Semester IV students.

The details of Activity /talk organized by Gyan Forum

S.N.	Speaker/Activity	Topic	Date
1	Dr. Neeta Srivastava, Assistant Director, B.V. Patel PERD Center	“Entrepreneurship Awareness Programme”	2 nd January 2019
2	Ms. Shobhana Menon, CVM IAS Academy	“Scope and guidance for UPSC Civil Services Examination	19 th July 2018
3	Pankaj Sharma, Student IG-MBT Sem X	Talk on Competitive Exams	20 th March 2018
4	Dr. Ashwini Charpe, AFM, AIRCP on phet, Dr. P.D. Krishi Vidyapeeth, Akola (MS)	“Marker Development and Marker Aided Selection (MAS) for Leaf Rust Resistance in Bread Wheat”	16 th March 2018
5	Ms. Deepali Paun, Senior Patent Officer, Y.J. Trivedi Pvt. Ltd., Ahmedabad , Alumnus	“Importance of patents and career in patenting”	7 th March 2018

Scientifiq Club

In the academic year of 2018-19 scientifiq club has organized two events:

- ❖ For undergraduate science students **Bioinstrumentation Workshop** was organized on 6th -7th September ‘2018 which included demonstration of UV -Visible spectrophotometer, HPLC, GC and Fermenter. Total 29 students of NVPAS and 59 students of VP & RPTP Science College, V.V. Nagar have participated.
- ❖ SCIENTIFIQ-2018 was organized on 18th December where school and college students have enthusiastically participated in Poster presentation, Elocution, Quiz and Scidraw competition. Total 172 students of 4 colleges and 6 Schools of Anand, Ahmedabad, Surat, Gandhinagar and Halol have participated in the same.

SWAN & Eco club

On **World Sparrow Day**, for conservation of sparrow SWAN & Eco club placed nest and water pots at different places in New V. V. Nagar campus. Every day morning pots are filled with fresh water by team members.

- ❖ On **World Environment day**, 5th June 2018, SWAN club organized Plantation in and around ARIBAS campus.
- ❖ SWAN orientation programme was organized on 20 July/2018 for Semester I students. Dr. Yogesh Patel, Coordinator, NAF, CVM was invited for this event.
- ❖ SWAN & Eco club organized an awareness programme on “**Environmental Concerns**” on 20-08-2018. Mr. Dhaval Patel (VNC) was invited for delivering a talk and interaction with students.
- ❖ SWAN & Eco club organized TWO days **Marine Nature Camp** at Positra, Jamnagar on 25th and 26th December, 2018, to create awareness about natural resources and marine biodiversity. Students were accompanied by Dr. Digvijaysinh Rana, Dr. Kalpesh Ishnava, Dr. Sandeep Chovatiya and Dr. Swati Narolkar
- ❖ SWAN & Eco club organized **Photography Exhibition of Live CORALS** on 11th January, 2019.

Green Audit

Green Audit Team Members of ARIBAS:

1. Dr. Swati Narolkar (Convener)
2. Dr. Kalpesh Ishnava (Member)
3. Dr. Dipika Patel (Member)

Green Audit team audits environmental sustainability and management at several Department/institutions/organization and companies. Main objectives of green audit are to introduce real concern of environment & its sustainability, to secure environment and reduce threats to employee and students health. Additional goal of green audit is assessment of waste management and energy conservation at institutional level.

Green auditing of various organizations are divided in the three stages: pre-audit, on-site assessment and verification and suggestions to improve protocol in sustainable manner and certification.

Environment audit of 14 colleges have been done by Green Audit team of ARIBAS in 2018.

Green Audit Cell of CVM has also signed MoU with Gujarat Cleaner Production Centre (GCPC), Estd. By Industries & Mines Department, Government of Gujarat, Gandhinagar, working in Cleaner Production (CP) and Cleaner Technologies (CT).

Red Ribbon Club

❖ Blood donation camp

Red Ribbon club of ARIBAS along with Indian Red Cross Society has organized a Blood Donation Camp on 7th August 2018. More than 45 units of blood was collected.

❖ Free Thalassemia testing camp

Red Ribbon club has organize FREE TALASSEMIA TESTING CAMP on 21st August, 2018, blood sample of 69 students was collected for Thalassemia screening by Indian Red Cross Society. Counseling has been given to 4 students screened for thalassemia minor.

❖ RRC and Scientific club jointly with Community Science Center, Vidyanagar has celebrated Scintifiq day on 18th December 2018. 176 students from different schools and colleges participated in different events.

Nari Contractor Sports Club

❖ ARIBAS Sports club and Students council jointly arranged Sports Day and Food Fest on 28th December 2018. Various outdoor games were arranged for ARIBAS Students. 141 students participated in various outdoor games.

❖ ARIBAS has organized district level Khelmaha Kumbh event for Table tennis during 7th to 9th October, 2018 and Basket ball during 3rd to 5th October, 2018 both Girls/Boys.

❖ Dr. Rajnikant Patel Physical Instructor of our college was the convener for intercollegiate cricket (27th to 30th September, 2018) and basketball tournament (16th to 19th 2018) and camp (29th to 12th October, 2018) organized by Sardar Patel University.

Students Achievements

The following ARIBAS students were selected for University team to participate in zonal inter-university tournaments:

- Dhruv Patel selected in Foot Ball team for Sardar Patel Inter University West Zone.
- Parth Gajjar selected in Chess for Sardar Patel Inter University West Zone.
- Gaurav Patel selected in Cricket for Sardar Patel Inter University West Zone.
- Vaishali Pathak selected in Basket Ball team for Sardar Patel Inter University West Zone.
- Parth Chauhan selected as a vice captain of Cricket team of Gujarat, India International Series organized by Indian 20:20 Cricket federation at Jaipur.
- Mahima Panchal & Parth Shah secured 3rd Position in Khelmahakubh Table tennis Tournament.

Study Tour

A tour to Imagica and Mahabaleshwar was organized by ARIBAS from 21st to 25th November, total of 52 students and 2 faculties namely, Dr. Shilpa Gupte and Mr. Snehal Ingle, accompanied for the tour. The students visited 'Van Sanshodhan Kendra Guredhar, ' Mahabaleshwar for studying plant biodiversity. The samples were collected for further perception and ascertainment.

Bhavai Cultural Club

- ❖ ARIBAS cultural club has organized Intra College Debate and Elocution competition on 1st August, 2018.
- ❖ ARIBAS students actively participated in various events of Youth festival at Sardar Patel University from 03/10/2018 to 06/10/2018.
- ❖ ARIBAS cultural club has organized "Ratri Before Navratri" on 06/10/2018. Hon. Secretary Dr. S. G. Patel sir was Chief Guest for the function.
- ❖ ARIBAS Bhavai cultural club along with ARIBAS student council has organized Kite flying celebration on 11/01/2019.
- ❖ Bhavai club will organize talent evening (Umangottsav) on 16th February, 2019.

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- ❖ Two Student of ARIBAS participated in Debate/ Elocution/ Collage making competition at C.Z. Patel College. Ms. Dhawni Patel and Ms. Kavita of IGBT Stood 3rd in both events.
 - ❖ Three students of ARIBAS participated in all India Essay Writing Competition 2018. Organized by Shree Ram Chandra mission united information centre for India and Bhutan.

Veer Narmad Study Circle

- ❖ Book fair was arranged by Veer Narmad Study Circle on 1st August '2018. More than 50 books of different subjects were purchased.
- ❖ A program on **Conservation of Environment with Gujarat Cleaner Production Centre** is scheduled in the 3rd week of February, 2019.

Women Cell

- ❖ Women Cell of ARIBAS has arranged a talk on **Endocrinology and Women Health** on 12th July, 2018. The speaker of event was Dr. Jasmine Gujarathi from A. R. Ayurvedic College, New Vallabh Vidyanagar. All girl students, teaching and Non teaching female staff member have participated in the event.
- ❖ Girl students of ARIBAS have participated in the international youth day "**Walk for Young Women Dignity**" organized by Prajapati Bhramakumaries on 12th August, 2018. More than 20 girl students along and faculty member participated in the event.
- ❖ Teaching and Nonteaching Woman staff member participated in one day workshop on **The Art and Science of Counseling "Boon to Staff and students** organized by WDC- CVM on 23rd June, 2018.
- ❖ WDC CVM and VNC Vidyanagar jointly organized One day seminar On "**Women and Environment**". Five students along with five teaching and non teaching staff members attended the seminar and four students presented poster in the seminar.

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- ❖ Women Cell and NSS jointly conducted program on **Health and Hygiene** and educated girl students of school about menstrual Hygiene at Kasor Village, Dist Anand during NSS camp. Packets of Sanitary napkins were distributed to 278 girls students on 5th and 6th of February, 2019.

NSS

ARIBAS has very Active NSS unit. Charutar Vidyamandal has started project MY CAMPUS CLEAN CAMPUS this year to make campus clean and pollution free. NSS Coordinator Dr. Kinnari Mistry looks after all the matters related to the project.

NSS Activities

- ❖ Organized Tree Plantation jointly with Swan Club on 5th June environmental day- 50 plants planted.
- ❖ NSS Orientation and Certificate distribution programme organized on 19th June 2018 – 150 students benefited
- ❖ ARIBAS NSS Volunteers participated in Rally against plastic usage organized by rotary Club, Anand on 4th August, 2018.
- ❖ Swacch Sarveshan Gramin survey was organized at ARIBAS and Mr. Mayur Chauhan has taken session for survey and 350 students participated on 29th August, 2018.
- ❖ Invited Dr. Yogesh Patel to deliver talk on the role of NSS Volunteer in development of nation and why to join in NSS in NSS Orientation Programme on 19th July, 2018 more than 140 students participated.
- ❖ Invited Mr. Upendra Bhoi (Indian Red Cross Society) for blood donation and Thalassemia awareness programme on 1st August, 2018 more than 240 students participated.
- ❖ ARIBAS has adopted Kasor Village for 3 years under NSS Scheme and signed MOU on 27th December, 2018.
- ❖ 7 day Annual camp was organized from 4th to 10th February at Kasor Village. 52 students have participated.

The details of program conducted during NSS camp are as under

- ❖ Inaugural function, Gram visit and rally regarding awareness of cleanness - 52 NSS participants and 6 ARIBAS family members participated.
- ❖ Door to door registration camp for Jan Aroogya seva, Niradhar vruddha, Apang sahay yojna, Vrudhh pension yojna Vidhwa sahay yojna,
 - Awareness session regarding Tabbacco and menstruation hygiene , teaching session for science experiments were conducted in Nutan Vidhyamandir school, kasor primary and secondary school Total more than 249 school children benefited .
 - Distribution of sanitary pads more than 200 girls benefited
 - Hypertension survey.
- ❖ Health checkup camp organized on 7th February association with S.G. Patel ayurvedic hospital, more than 120 villager benefited.
 - Free eye check up and cataracts screening camp for villagers.
 - Tree plantation. Swachta Abiyan,
- ❖ Blood donation Camp and awareness lecture.
 - Lecture on Be loving by Dr. Aalpesh Shah from gayatri parivar.
 - Awareness session regarding medicinal plants farming by Dr. Dhaduk from AAU for farmers of Kasor,
- ❖ Distribution of old clothes and toys in village to needy people .

Community Service

- ❖ ARIBAS Student participated in rally on **Plastic Awareness Program**. organized by Rrotary Club, Anand on 4th August 2018.
- ❖ ARIBAS Students distributed old clothes, toys and kites to poor students at Gana and Kasor villages during Uttarayan/ NSS camp.
- ❖ Faculty and students generously contributed in **Collection of used toys and clothes** drive by VNC, V. V. Nagar.

Cyber Cell / Press

A very active Press cell managed by Mr. Sanjaybhai, Librarian ARIBAS has made the ARIBAS presence felt by regularly posting events organized in ARIBAS to print and electronic media.

S.N.	Name of news paper	Number of times news published
1	Times of India, Ahmadabad edition	01
2	Sardar Gurjari	26
3	DivyaSamacher	21
4	NayaPadkar	24
5	Sandesh	19
6	Divya Bhaskar	17
7	Charotar no Awaz	5
9	V- Vidyanagar	4
10	ICON News Channel	2
	Total	119