

Annual Report (2015-2016)

Curricular Aspects

ARIBAS has been accredited A grade by NAAC and Knowledge Consortium Gujarat for excellence in education and management in 2014. Ministry of Human Resource and Development, India has initiated a herculean task of ranking all the Indian universities through the National Institutional Ranking Framework (NIRF) based on Teaching & Learning Resources, Research, Professional competence, social outreach activities etc. ARIBAS has offered itself for evaluation and getting ranked. Looking to our past performance we are hopeful to get good ranking.

M. Sc. Integrated Biotechnology

ARIBAS is offering five and a half year course after 12th science (B group). Total 115 applications were received this year out of which 49 students joined the course.

Dissertation

As per the wish of Chairman Dr. C. L. Patel, ARIBAS offers dissertation to all final year students. As an institutional policy matter, all the students need to do in-house dissertation, Last year, 86 M. Sc. IGBT students completed dissertation in ARIBAS.

Result

Overall the result was satisfactory, percent of students promoted to next semester was more than 97%. The number of students with ATKT status decline 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	44	44	12	1		100%
IGBT-II	64	63	19		1	100%
IGBT-III	63	63	9			100%
IGBT-IV	83	82	10		1	98.8%
IGBT-V	82	80	11		2	97.5%
IGBT-VI	88	88	10			100%
IGBT-VII	86	86	9			100%
IGBT-VIII	77	77	3			100%
IGBT-IX	71	71				100%
IGBT X	86	86				100%
IGBT XI	86	86				100%

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

- No. of Students passed with distinction 19
- No. of students passed in First Division 46
- No. of students passed in Second division 21

Success in Competitive Examination

- Vishwa Vipulkumar Gandhi is university topper in M. Sc. IGBT course, she also qualified CSIR-NET exam for JRF with AIR 23.
- Krupa Chitre, M. Sc. IGBT has qualified CSIR-NET exam for JRF.
- Anunay Sinha, IGBT (MBT) Sem X has qualified CSIR-UGC NET in LS, AIR 23.

Other M. Sc. Courses

ARIBAS is also offering two years course in M. Sc. Biotechnology, Microbiology, Genetics and Pharmaceutical Chemistry. A new course, M. Sc. in Forensic Science will start from June '2016.

Dissertation

All six students from M. Sc. Courses are doing in-house dissertation.

Result

In all four M. Sc. courses the result was 100%, though 04 students of M. Sc. Biotechnology Sem I and 01 student each from M. Sc. Microbiology Sem I & III and M. Sc. Biotechnology Sem I & III have ATKT status.

Course	No. of students			% of students Promoted
	Appeared	Promoted	ATKT	
Genetics Sem I	6	6		100%
Genetics Sem II	1	1		100%
Genetics Sem III	1	1		100%
Genetics Sem IV	3	3		100%
Microbiology Sem I	4	4	1	100%
Microbiology Sem IV	2	2	1	100%
Biotechnology Sem I	7	7	4	100%
Biotechnology Sem II	5	5	1	100%
Biotechnology Sem III	4	4	1	100%
Biotechnology Sem IV	1	1		100%
Pharmaceutical Chem. Sem I	2	2		100%
Pharmaceutical Chem. Sem II	1	1		100%
Pharmaceutical Chem. Sem III	1	1		100%
Pharmaceutical Chem. Sem IV	11	11		100%

Final Year Result

M. Sc. Microbiology	First Class with Distinction	02
M. Sc. Biotechnology	First Class with Distinction	01
M. Sc. Genetics	First Class with Distinction	03
M.Sc. Pharmaceutical Chem.	First Class with Distinction	07
	First Class	04

Success in Competitive Examination

- Venkata Anand Parnandi cleared GATE Exams in 2015 in life sciences with AIR 747.

Placement

From 2014 passed out batch of M.Sc. IGBT, 24 students are working in different pharmaceutical / Biotechnology based companies; 04 students have opted for higher studies in India or abroad and 02 students are entrepreneurs.

Placement Details

Year	Job Industry/Research Institute	Higher Studies	Preparing for competitive Exam	Entrepreneur
2014	24	08	05	02
2015	13	07	05	04

In 2015-16, total 28 students got registered in ARIBAS Career Counseling Cell out of which 13 have been placed in different pharmaceutical / Diagnostic / Biotechnology based marketing companies. Many students are preparing for GRE/TOEFEL/IELTS for higher studies abroad.

- Vishwa Gandhi has joined Ph. D. BARC, Mumbai
- Krupa Chitre has reached last round of interview at NCBS, Bangalore.
- Ms. Roma is going to Canada for Ph. D

Institute Support for Student Scholarship and Fellowships

ARIBAS helps students in getting financial assistance by making them aware about different government scholarships available and by doing the necessary official procedure. The students have been briefed about the recently launched state government scheme “**Mukhyamantri Yuva Swabhiman Yojna (MYSY)**” for post-metric fellowship.

The total amount received by ARIBAS students as scholarship/fellowship under different categories in 2015-16 is Rs. **28,61,600/-**.

Government Scholarships/Fellowships received by ARIBAS students

Type of Scholarship	Amount (Rs.)
Post-metric Scholarships	
For ST students	10,00,000/-
For SC students	3,00,000/-
For OBC students	1,35,000/-
Minority	20,000/-
Union Territory (Daman & Diu)	1,30,000/-
Indira Gandhi Single Girl Child	96,000/-
Ph. D. Fellowship	
INSPIRE fellowship (02 students)	8,38,600/-
Rajiv Gandhi National Fellowship (RJNF)	3,42,000/-
Total	28,61,600/-

Research Aptitude

Our chairman, Dr. C. L. Patel has always emphasized on active and useful research activity in CVM institutions. To achieve his vision, ARIBAS is working categorically towards instilling research aptitude in students at an early age.

- Since last two year, restructuring of the seminar presentation and dissertation has been done.
- For all the students, starting from IGBT Sem I, seminar presentation is compulsorily on good quality research paper downloaded from Pubmed Central; the power point seminar is in front of whole of the class and evaluated by at least three 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

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

Paper presentation in National Seminar / Conference by Students

Dissertation students are encouraged for participating and presenting their work in seminar and conferences. Around 30 dissertation students have presented their work in National seminar / conferences. 08 students got first or second prize in different categories. One of the students, Neel Dholakia got his paper published in an International Journal with IF 1.896.

1. **Dholakia Neel**, Dhandhukia Pinakin, Roy Nilanjan (2015) Screening of potential targets in *Plasmodium falciparum* using stage-specific metabolic network analysis. **Mole Div** 19(4), 991-1002. IF 1.896
2. **2nd Second Prize in the subject of Environmental Science**
Swati Narolkar and **Vimal Patel** “Monitoring of Environmental Pollution by Biosensors: An Innovative tool” presented a paper in One day seminar on Advances in Environmental Science & Technology: A Way forward to clean & green environment organized by Dept. of EST, ISTAR, VallabhVidyanagar and GEC, Gandhinagar on 28th February, 2015.
3. **2nd Second Prize in the subject of Botany**
Swati Narolkar and **Mosam Shah**. “Metals, nutrients and COD removal by fresh water and marine water algae” presented a paper in the Science Excellence-2015 Organized by Dept. of Botany Gujarat University, Ahmadabad, on 26th September 2015.
4. **1st First Prize in the subject of Environmental Science**
Swati Narolkar and **Vimal Patel**. “Environmental Monitoring by microbial based biosensors and Redox dye” presented a paper in the Science Excellence-2015 Organized by Dept. of Botany Gujarat University, Ahmadabad, on 26th September 2015.
5. **1st Prize in the subject of Microbiology**
Swati Narolkar and **Parthvi Patel**. “Applications of bioactive microbial pigments: Natural colorants (research based)” presented a paper in the Science Excellence-2015 Organized by Dept. of Botany Gujarat University, Ahmadabad, on 26th September 2015.
6. **1st Prize in the subject of Biotechnology**
Swati Narolkar and **Sneha Patel**. “Plant growth promoting rhizobacteria (PGPR): Microbial co-operation in the rhizosphere (research based)” presented a paper in the Science Excellence-2015 Organized by Dept. of Botany Gujarat University, Ahmadabad, on 26th September 2015.
7. **2nd Prize in Oral Presentation**
Kajal Patel and Devjani Banerjee Plastic degrading bacteria. Department of Botany, university School of Sciences, Gujarat University, Ahmedabad and GUJCOST, Gandhinagar, Gujarat, India. 26th Sep, 2015.

8. 2nd Prize in the subject of Environment Science

Sawan Patel and Sandeep Chauvatiya “Isolation, Characterization and Optimization of protease and amylase producing organisms from gastrointestinal tract of Tilupia fish” Science Excellence organized by Botany Department of Gujarat University, Ahmedabad on 26th Sep’2015.

Membership of Academic Bodies of SP University

1. Dr. Nilanjan Roy is a member of PG Board
2. Dr. Nilanjan Roy and Shilpa Gupte are senate member for the period 2015-17.
3. Dr(s). Nilanjan Roy Bhakti Bajpai, Shilpa Gupte, K. Saroja, Kishor Chauhan, are members of Board of Studies in Biosciences
4. Dr(s). Ritu Dixit and Arunabh Mishra are members of Board of Studies in Chemistry.

Departmental Research Committee (DRC)

Currently 15 faculties are recognized Ph. D. supervisors of S. P. University in Biotechnology, Microbiology, Biochemistry, Genetics, Medical Biotechnology and 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. Presently, 22 students are registered in Ph.D. program in ARIBAS.

Sr. No.	Course Papers	Faculties	No. of Students	Results
1	Research Methodology (Done in BRD School)	Faculties from BRD School	07	All Passed
	Research Methodology (Done in ARIBAS)	Faculties from ARIBAS and V. P. Science College	04	3 Passed, 1 Absent
2	Elective Papers Laboratory Skills in Biochemistry/ Instrumentation	Faculties from ARIBAS	11	All Passed
3	Review of Literature, Preparation of Report and seminar & its Presentation	Faculties from ARIBAS	11	10 Passed, 1 Absent

Research Students Achievements

- Yati Vaidy, research scholar, presented a paper on “**Insight into the microbial diversity of healthy human milk by metagenomic approach**” in **9th American Biotechnology Congress 2015** with theme of “*Biotechnology-emerging trends for a Sustainable Future*” organized by OMICS group held on August 31-September 02, 2015 at Orlando, Florida, USA
- 09 papers were presented by research scholars in National / International Seminar/ Conferences.

Ph. D. Degree awarded

Two students were awarded Ph. D. degree this year by S. P. University.

1. **Ramesh Pandit**, “Molecular characterization of nematophagous fungi- A potential bio-control agent” in Biotechnology under Dr. Anju Kunjadya.
2. **Brijesh Dhabhi** “Biochemical and Molecular aspects of Diabetic Nephropathy” in Biochemistry under Dr. Kinnari Mistry.

Faculty’s Achievements

Seminar / Conference / Workshop attended

More than 50 papers have been published by faculty members in national and international journals; 04 chapters in books have been contributed by 03 faculties; around 60 national and international seminar / conferences have been attended by 14 faculties; Total 08 workshops were attended by 02 faculties. Couple of faculties have been invited as eminent speaker or mentor in national and international workshops / conferences.

1. **Dr. J. B. Chauhan** was invited as mentor by the Shreenathji Institute of Pharmacy, Nathdwara, Rajasthan to inspire the students of class 11 and 12th attending **DST, Inspire programme**.
2. **Dr. Farzin Parabia** was invited as the key note speaker in “National Conference on Recent Trends in Biodiveristy, Conservation and Sustainable Development” at Savitribai Phule Pune University, Satara, 5th to 6th Feb ‘2016.
3. **Dr. Farzin Parabia** was invited as Eminent Speaker in the **DBT sponsored Three Days National Level Workshop** on “*In-Vitro Biological Models & Their Applications in Drug Discovery*” during 14th – 16th September, 2015. Organized by Dharmsinh Desai University, Nadiad-387001.

4. **Dr. Farzin Parabia** Eminent Speaker in the **DBT sponsored Three Days National Level Workshop** on Molecular and Microbial Biotechnology Tools & Techniques during 8-10th January 2015. Organized by Dharmsinh Desai University, Nadiad-387001.
5. **Dr. Farzin Parabia** delivered a key note address on “Biotechnology and Bioinformatics- New Era of Drug Development” (12:30 p.m. to 01:15 p.m.) in the One Day National Seminar on “Fostering Innovations in Pharmaceutical Research” on 2^{0th} March, 2015, organized by **Pharmacy Department, M. S. University, Baroda.**
6. **Dr. Swati Narolkar** delivered a keynote address on subject of **Water Quality Monitoring and Management** in 3 day training sponsored by **Ministry of Drinking Water and Sanitation and AICTE, New Delhi** under the Swachh Bharat Abhiyaan from 28th Dec. to 1st Jan. 2016
7. Tejas Gohil and **Devjani Banerjee** “Dermcidin Inhibiting Mycolyl tranferase in Mycobacterium Tuberculosis (H37rv). 10th Symposium Frontiers in Biomedical Research. 29th – 31st Oct 2015. Dr. B. R Ambedkar Centre for Biomedical Research, University of Delhi, University of Delhi. India. **1st Prize in Oral Presentation**

Extramural Funding

Ongoing Research Projects

Seven projects are going on in ARIBAS with a total of **Rs. 97,33,816/-** grant from various national funding agencies like DBT, DST, GSBTM and UGC.

New Projects Sanctioned in 2015-16

Four projects worth Rs. 94,25,942/- were received by ARIBAS faculties as extramural funding.

S.N.	Project	Funding Agency	Amount (Rs.)
1	INSPIRE Internship Camp-2015 Coordinator: Dr. Nilanjan Roy	DST, New Delhi	11,70,000/-
2	PG-BT CBC-May'2015 Coordinator: Dr. Digvijaysinh Rana	GSBTM, Gandhinagar	1,99,152/-
3	PG-BT CBC-Dcember'2015 Coordinator: Dr. Digvijaysinh Rana	GSBTM, Gandhinagar	2,19,404/-
4	“Cloning, characterization functional screening of industrially important novel cellulose's encoding genes screened from the Bovine rumen microbial community using metagenomic approach” Principal Investigator: Dr. Anju Kunjadiya Co- Investigator: Dr. Nilanjan Roy In collaboration with AAU, Anand	DBT, New Delhi	78,37,386/-
		Total	94,25,942/-

Project Proposals Submitted in 2015 to till date

21 research projects worth **Rs. 6,56,79,960/-**, which also include one international project, have been submitted in 2015-16 by faculty members to different funding agencies.

Project Proposals submitted in 2015-2016

S.N.	Faculties	Funding Agency	Amount (Rs.)
1.	Dr(s) Ritu Dixit, Arunabh Mishra, Pinakin, Dhandhukia, Kalpesh Ishnava, Sandeep Chauvatiya, Swati Narolkar & Mr. Sanjay lal	UGC	84,00,000/-
2	Dr(s) Ritu Dixit, Pinakin, Dhandhukia	GUJCOS	18,60,000/-
3	Dr. Pinakin, Dhandhukia	DFS-Ministry of Earth Science	18,49,960/-
4	Dr. Nilanjan Roy Coordinator INSPIRE Internship camp Dr. Pinakin, Dhandhukia	DST	35,70,000/-
5	Drs. Kinnari Mistry, Jenabhai Chauhan, Digvijaysinh Rana, Sandeep Chauvatiya, Anju Kunjadiya	GSBTM	1,30,00,000/-
6	Dr. Sandeep Chauvatiya, Ms. Nisha Daxini	KCG	10,00,000/-
7	Dr. Mukund Chandra Thakur Dr. Nilanjan Roy & Dr. Hiren V Doshi (Co-PI)	DST Indo-Hungarian	3,00,00,000/ -
8	ANCHOR Institute Dr. Nilanjan Roy Coordinator Drs. Bhakti Bajpai & Kishor Chauhan (Co-coordinator)	Ministry of Industries & Mines Department of Govt. of Gujarat	60,00,000/-
		Total	6,56,79,960/- -

Mission Admission

Branding ARIBAS all over Gujarat

It has been 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 locally especially Anand and Kheda district, Ahmedabad and Baroda. For this purpose M. Sc. IGBT faculties personally visited more than 90 schools in and around Anand, Baroda and Ahmedabad.

ARIBAS is actively involved in spreading awareness about the career options and government fellowships available at various levels of education.

Training/ Workshop Organized

977 students visited our institute to see the infrastructure and get hands on experience in the laboratories. Some of the events organized with this motive are listed below

Training for Schools

DST Sponsored INSPIRE Internship Camp

- M. Sc. Integrated Biotechnology Department organized 5 d Inspire Internship Camp for School students from 28th Nov. to 2nd Dec. 2015.
- Dr. Nilanjan Roy was Coordinator of the camp and ARIBAS received Rs. 9,75,000/- from DST, Govt. of India to organize the camp.
- The camp was absolutely free for students and all the expenses towards food, lodging and travel were met by ARIBAS from the grant received.
- 215 students from Anand and Kheda district, Vadodara, Ahmedabad and Nadiad were registered for the camp out of which 180 students have attended the camp for 5 days.
- During the camp, students got an opportunity to interact with eminent scientists and subject experts.
- Besides, learning the intricacies of basic sciences students got hands on training and career guidance.
- Looking to the overwhelming response from schools, Department has submitted proposal to DST for second INSPIRE camp to be held in June '2016.

Other Training Programs

- Department of M. Sc. IGBT imparted training to eleven 12th Science B group students of V& C Patel English medium School in Basic Molecular Biology Techniques.

Training for College Students

CSIR- NET Crash Course

- GSBTM, Gandhinagar has entrusted ARIBAS as one of the centre for PG BT-CBC (Biotech capacity building cell).
- Under its auspices, Dr. Digvijaysinh Rana (Coordinator), faculty M. Sc. IGBT and team have successfully organized 02 crash courses of 5 days each in last one year for CSIR-NET preparation.
- First workshop was held from **22/05/2015 to 26/05/2015**. A grant of Rs. 1,99,152/-was received from GSBTM for organizing workshop.
- In this, total 105 applications were received from all over Gujarat, out of which 31 were selected for crash course after screening.
- The workshop was conducted from 22/05/2015 to 26/05/2015 at ARIBAS, New V.V. Nagar, in which students were trained by NET qualified experts, wherein they not only shared their experience but also guided the students to strategically plan for NET examination.
- Students got free stud materials, boarding and lodging facility during the program.
- In the same manner, PG-BT CBC team coordinated by Dr. Digvijaysinh Rana also organized 5 d CSIR-NET crash course from 1st to 5th December, 2015.
- There was participation of 40 students and 20 experts from all over the Gujarat.
- To conduct this workshop ARIBAS received grant of Rupees 2,19,404/- from GSBTM.

Other Training Programs

- Department of Microbiology and Biotechnology have organized Two days workshop on Basics in Molecular Biology and Bio-informatics on 4th-5th February 2016 for undergraduate students (38) of V.P and RPTP Science College.
- Department of Microbiology, Biotechnology and Pharmaceutical Chemistry have organized Bio-instrumentation workshop on 23-24th September 2015 for undergraduate students (25) of N.V. Patel Science College and V.P and RPTP Science College.

- Department of Genetics arranged 2 days Academic visit cum workshop on “Selected Bio-Techniques” for the 35 B. Sc. Students of N. V. Patel Applied Science on 15th and 16th October, 2015.
- Department of Pharmaceutical Chemistry has organized 2d workshop for 59 students of V.P and RPTP Science College, V. V. Nagar on **General Analytical Techniques used in Industry.**

Financial Assistance for Setting up Anchor Institute

ARIBAS has submitted a proposal for **Rs. 60/- lacs** for “**Financial Assistance for Setting up of Anchor Institute**” under “Scheme for Enhancement of Technical Competence and Manpower” of Centre for Entrepreneurship Development (CED), Ministry of Industries & Mines Department of Government of Gujarat.

The project aims to produce industrially useful man power through training. Dr. Nilanjan Roy is Coordinator and Drs. Bhakti Bajpai and Kishor Chauhan are Co-coordinators.

List of visits organized for school students

S.N.	Name of Visiting School/College	No. of Students	Training/Demonstration
School			
1	Jalaram International, Borsad	210	Lab visit & demonstration
2	Excellent School, Borsad	60	Lab visit & demonstration
3	V & C Patel English Medium School, V. V. Nagar	110	Lab visit & demonstration Hands on training to 11 students
4	Students from Jain Samaj 72 villages of Rajasthan	250	Lab visit & demonstration
5	INSPIRE Internship camp	180	Lectures & Hands on training
	Total	810	

List of visits organized for college students

College			
6	V.P and RPTP Science College, V. V. Nagar	38	Workshop on Basics in Molecular Biology and Bio-informatics
7	N.V. Patel Science College and V.P and RPTP Science College, V. V. Nagar	25	Bio-instrumentation workshop
8	N. V. Patel Applied Science College	35	Selected Bio-Techniques
9	V.P and RPTP Science College, V. V. Nagar	59	General Analytical Techniques used in Industry
10	PG-BT CBC CSIR-NET Crash course-May'2015	31	Lectures Mock test
11	PG-BT CBC CSIR-NET Crash course-Dec'2015	40	Lectures Mock test
	Total	288	

ARIBAS also participated in the education fair organized by CVM from 8th to 29th January'2016. 13 cities from different corners of the state were visited and **116** inquiries were received.

Library

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

Physical Library

- Presently ARIBAS library has 5275 books.
- 58 new books were purchased last year. Considering the demand of the students,
- 50 books were for competitive examination preparation like NET/GATE.
- Rs. 29787 was provided by GSBTM for book purchase.

Dspace

- Digital Book 1603
- Thesis 1079 + 86 are being added
- Practical Protocols for all the courses
- Teaching plan for Theory papers
- Internal and external question paper

Annual Report Co- & Extra Curricular Activity

Gyan Forum

Organized 06 motivational and scientific lectures, Research Methodology Workshop for M. Sc. IGBT students and Yoga day on 23rd June 2015 in last one year.

S.N.	Speaker/Activity	Topic	Date
1.	Ms. Pooja Makwana (2009-2015 batch) Life cell, Baroda	“Umbilical Cord blood banking and its applications”	30/01/2015
2.	MYCrave Consultancy & Services, Ahmedabad	Basics of Patent, trade mark and copy right	13/03/2015
3.	M. Sc. IGBT	Research Methodology workshop & Mock interview	7-13/05/2015
4.	Yoga Day		23/06/2015
5.	Dr. Yogesh Deole, Ayurvedic College	Modern Life Style and Traditional Medicine	10/07/2015
6.	Mr. Hemal Shah, Business Development Officer, Baroda	Overseas Employment and Career Information Center	14/08/2015
7.	MYCrave Consultancy & Services, Ahmedabad	Protection of Intellectual Property	08/01/2016

Research Methodology Workshop

- Five day Research Methodology Workshop was organized for 96 dissertation students from 7th to 13th May ‘2015, which was followed by mock interview on the last day.
- Experts from Industry **Mr. Ashok Pathak, CEO, LifeCell, Baroda**, Ms. Prachi Doshi from LifeCell, Baroda, Mr. Daivat Shah, Intas Pharmaceuticals, Ahmedabad, HR experts from CDC, Vallabh Vidyanagar were called for Mock interview. Seven students were selected by **LifeCell, Baroda**.
- Dr. Parthasarthy Ganguly from Indian Institute of Public Health, Gandhinagar was invited to deliver a lecture on data management.

Scintifiq Club

Scintifiq Club, Red Ribbon Club of ARIBAS and C.C. Patel Community Science Centre, Sardar Patel University jointly organized SCIENTIFIQ & RRC-2016 event on 19th Jan 2016. Total 114 students participated in different events like Quiz competition, Poster competition, Idea Presentation and Bio-rangoli.

SWAN Club

- SWAN club organized "**LET US ADOPT**" a plant adaptation programme on 19-08-015, in which faculties and students adopted more than 80 plants. For this programme Plants were provided by Forest Department, Anand. Plantation programme was organized in the presence of Mr. Girishbhai Bhrambhatt, D.F.O. Anand. After plantations plants were covered with cages and are taken care of regularly by SWAN members. All 80 plants are growing well.
- On World Photography Day, 19th August 2015, SWAN club organized "**Photography Competition**" on theme "**Biodiversity of Gujarat**". 18 students from different colleges like V.P.Science College, IICP, Charusat Changa, SMID and IIET Dharmaj participated in the event. Photographs were judged by Dr. Krishna Padiya, Faculty, Fine Arts College, Vallabh Vidyanagar.
- SWAN club organised "**Bird Watching Trip**" at Vadhavana Lake Dabhoi. Under the guidance of Dr. Digvijaysinh Rana. Dr.Kalpesh Ishnava and Mrs. Monika Patel, 45 students participated and observed migratory birds.
- SWAN club organized **Mobile Photography** competition on 11th January, 2016. The theme was "**Migratory birds**" and included photographs captured by students in mobile who visited Vadhavana Lake Dabhoi,

Red Ribbon Club

- RRC Club organized blood donation camp and activities related to AIDS awareness on 19/01/2016. Financial support of Rs.4000/- was given by The Additional Project Director, Gujarat State AIDS Control Society,
- Competitions like Poster making, Bio- rangoli and Quiz were organized.

Nari Contractor Sports Club

- Annual Sports day was organized on 2nd Jan '2016. Faculty and students participated in the various events like athletics, chess, table-tennis, cricket etc.
- ARIBAS has organized 04 district and state level tournaments in the college. All the events were managed by Dr. Rajnibhai Patel Lecturer in Physical Education.

1. Sardar Patel University intercollegiate tournament for Cricket (Boys)
2. Anand District Women's Table Tennis Tournament
3. Anand District Khel Mahakumbh Table Tennis (Boys & Girls)
4. Anand District Khel Mahakumbh Basket Ball (Boys & Girls)

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

Mayank Brahmbhatt	M. Sc. IGBT Sem VII	Lawn Tennis	Indore
Vraj Patel	M. Sc. IGBT Sem VII	Basket Ball	Nagpur

Food Festival

ARIBAS student council had organized food festival on 02/01/2016. Total 16 stalls presenting variety of Indian and continental dishes were laid out.

Excursion

- Department of M. Sc. Integrated Biotechnology had organized one day tour to Jambugoda and Jhand Hanuman for IGBT Sem I to VI students.
- Department of Microbiology, Biotechnology and Genetics have jointly organized one day educational trip of Sardar Sarovar dam and Jharwani, Kevadiya Colony for final and previous semester students on 1st August 2015.
- Faculties and Research Scholars Visited Gujarat Forensic University, Gandhinagar on 5th July, 2015 to counsel students for the Genetic course and its importance in Forensic sciences

Bhavai Cultural Club

- As part of Navratri celebrations “**Chalo Garba Ghumie**” was organized on 10th Oct - 2016.
- Club had also organized talent evening on 4th March ‘2016 and will be organizing tonite also.
- To mark “Uttarayan” **Kite Flying** was organized on 11th January ‘2016

Veer Narmad Study Circle

- Veer Narmad Study Circle of ARIBAS has organized a **Book Fair - 2015** on 15th September. Total **05** book vendors participated in the fair and displayed more than 3000 fiction and non-fiction books.
- Under “**VACHE GUJARAT**” Abhiyan book review competition was organized in which 09 students presented the book review.
- 06 issues of bimonthly ARIBAS magazine “**QUEST**” were published by the club. We have applied for ISSN for the same.

Women Cell

- Women Cell of ARIBAS has celebrated international Women’s Day on 10th March 2015. Three of ARIBAS Girl students **Monika Patel, Janishi Modi and Krishna Saraiya** have presented their views on current issues of “**Women Education**” and “**Past and Present Status of Women in Indian Society**”.
- On 26th September 2015, Women cell has arranged a seminar on “**MAHILA SURKSHA**”. Mr. K.S. Dave, Police Sub-Inspector was speaker for the event. He informed girl students of ARIBAS about Laws and Cyber crime activity.

NSS

- **Thalassemia Check up Camp** in association with **Indian Red Cross Society** was organized on 20th July 2015, funding was provided by CVM for this noble cause. Total 64 students of Semester I of all the courses participated in the camp.
- **Free health Check up Camp** for all students who enrolled in the June 2015 was organized in association with G.J Patel Ayurvedic Hospital on 31st July 2015.

Alumni Cell

- **Second Alumni** meet was organized on **28th February 2015**. The theme of the Alumni meet was **“How I Got My Job”**.
- **Dr. Deepak Gadhia** from Muni Seva Ashram, Goraj, was chief guest for the function.
- More than **30 alumni** from several discipline (Integrated Biotechnology, Biotechnology, Microbiology, Genetics and Pharmaceutical Chemistry) were present during the meet.
- Mr. Jeet Patel (Vice-President) and Mr. Daivat Shah (Secretary) were also present on this occasion.
- **Third Alumni** Meet is being organized today in the afternoon. Exhibition of paintings of one of the Alumni of M. Sc. Biotechnology Tirthrajsinh Jhala is also organized in the afternoon and Dr. Kanubhai Patel renowned artist & Principal of CVM collage of Fine Arts is chief guest for the same.

Cyber Cell / Press

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

S.N.	Name of the News Paper	Number of times News published
1.	Sardar Gurjari	49
2.	Divya Samachar	44
3.	Naya Padkar	35
4.	Sandesh	34
5.	Divya Bhaskar	32
6.	Charotar no Awaz	11
7.	Gujarat Samachar	7
8.	Kutch Uday	6
9.	Janma Bhoomi	6
10.	Sheel Shrutam	4
11.	Times of India	2
12.	Sandesh TV	1
13.	GSTV	1