

ANNUAL REPORT 2016-17



**ST.XAVIER'S COLLEGE
(AUTONOMOUS)
AHMEDABAD, GUJARAT
www.sxca.edu.in**

ST. XAVIER'S COLLEGE (Autonomous), AHMEDABAD-9.

ANNUAL REPORT (March 2016-17)

10 a.m., March 4, 2017.

Our Chief Guest for the function, Mr Girish Dani – philanthropist and Industrialist, Mrs. Smita Dani, Fr. Lancelot D'Cruz, Rector of St. Xavier's College and Vice Principal for Science, Dr Nirmal Desai, CoE, Fr Fernando Franco, Research Coordinator, Dr Sebastian, Vice Principal for Research and Quality, Fr. David Roy, Vice Principal for Computer Sciences, Mr Krishnakumar Vijh, Governing Council Member of World Union of Jesuit Alumni (WUJA), Mr Shapat Shah, President, Jesuit Alumni Association of India (JAAI), HoDs, members of teaching and non-teaching staff, TOXA members, Parents, Invited guests, Benefactors, Recipients of various awards, and all the members of Xavier's Parivar. Welcome to this Annual Day and Prize distribution, 2016-17.

My obeisance to the Lord Almighty as we have been blessed with a journey that was fulfilling. As we look back at the year gone by, we marvel at our learnings and accomplishments in not only academics but also co-curricular and extracurricular activities. Today, it is my privilege to present the 62nd annual report of St Xavier's College.

We are in the third year of our autonomous system. Our first batch of Post Graduate courses, under autonomy, has graduated this year, while the first batch of Under Graduate students will be graduating this June. It is indeed a proud moment for the Xavier Parivar.

It may be noted that India Today has rated the Arts Stream of our College in the 15th position and Science at the 16th position in the whole country. From amongst the top 100 educational institutions in India, The Week has rated our college at 24th position. These are remarkable achievements for Xavier's College in the present times.

Our staff members have been zealous in their road towards excellence. It was indeed a moment of pride for us when Dr Atul Makwana and Dr Rajesh Iyer were conferred with the Best Teacher's award, initiated by Gujarat Science Academy (GSA). Dr. U. M. Prajapati went to Hong Kong as the Deputy Leader of Indian Olympiad Team in the 57th International Mathematical Olympiad-2016.

Dr Prashant Patel was given the Best Researcher award for the year 2016 in the field of Mathematics by St Xavier's College. Dr. Aruna Pandya was awarded Ph.D degree. Mr. Sanjay Patel, Ms. Shraddha Bhatt, and Ms. Kinjal Desai have submitted their thesis. Mr Atman Shah has registered for Ph. D. Mr Fulesh Kokni, swati Joshi and Ms Ancy Joseph were awarded with M.Phil. degrees.



Our family is growing and at the same time, we miss those who have retired. Ms Arti Kumar and Fr Vincent Saldanha retired after serving Xavier's for several years. Mr Wilson Christian took voluntary retirement. Dr Nandini Ghosh, Dr. Divya Gupta, Ms Sonal Thakur, Ms. Steffi Mac and Ms. Swati Joshi have joined the college as teaching faculty and Mr. Prakash Bhati and Mr. Mitesh Bhati have joined us as peons. Mr Dhaval Patel and Mr Prabal Dev Bhuyan have joined as Research Fellows in Biochemistry – Biotech and Physics respectively. Ms. Miral Munjani, Mr. Kishan Vyas, Mr. Vishnu Patel, Ms. Richa Raval, Ms. Snehal Prajapati, Ms. Vyas Ruchita, Ms. Doshi Shraddha, and Mr. Sachin Singh, have joined in various departments as visiting faculty. Prof Saurabh Vaishnav has been appointed as the HoD of English Department. Ms. Dhara Chavda and Ms. Ankita Mistry have been appointed as clerks to assist the Examination section. Ms Perin Ajmeri, Ms Shah Preksha, and Ms Payal Trivedi, have resigned to join elsewhere. Mr. Ambalal J. Macwan, who retired as Laboratory Assistant, has been reappointed on a temporary basis. We wish each member of the Staff a long and happy tenure in the College.

We would like to pay our condolences to members, who have lost their close ones. Mr Musabhai, after serving the college for 51 years, left us for heavenly abode. Fr Robert lost his father, Dr Rajesh Iyer, his elder brother and Dr Sanjeev Gupta, his nephew. Prof. Arti Kumar, Mr. Anil Parmar and Dr Kinnari Dubbal lost their mothers. One of our students, Ms. Khushbu Parmar expired due to pneumonia. May their souls rest in peace. Let us all observe a minute's silence for the departed souls.

Academic

With the implementation of autonomous system, we have made tremendous advancement in academics with the help of our Boards of Studies, Academic Council and the Governing Body. Moreover, our College has finally received the CPE grant from UGC, and we are awaiting the release of grant from DST. These will definitely help us improve our infrastructure.

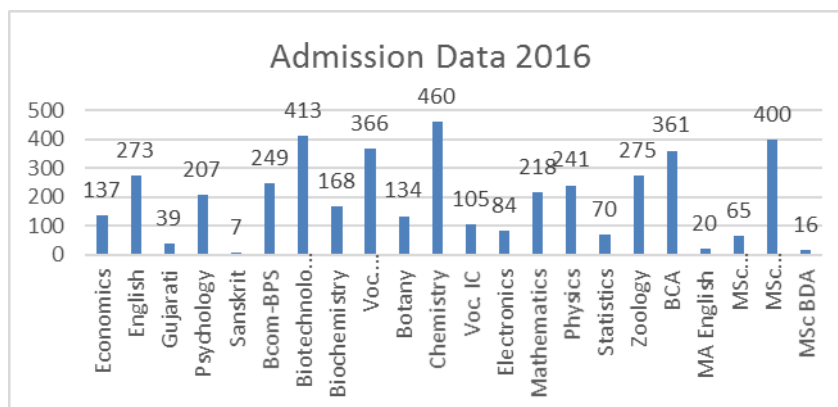
Although small, but definite steps have been taken to carry the institution forward in its journey towards academic excellence. As you know, we have started three new courses this year: MSc in BDA, MSc Biochemistry and B. Com-BPS. It is indeed a huge leap for Xavier's.

Several collaborations with esteemed organizations have enabled us to move toward excellence. The MSc BDA and B.Com BPS courses have been designed and supported by Tata Consultancy Services. We have continued our MoU this year with ACTI to promote internship. The Gandhi Fellowship signed an MoU with St Xavier's



College to nurture entrepreneurial skills among students. This is a handholding programme, which is expected to bring dramatic changes in the way students learn, think and aspire to live.

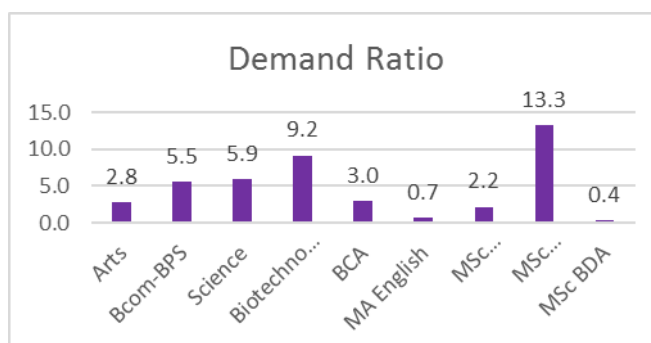
It is heartening to know that most of our students have moved towards Master's program after completing their course work. SXCA continues to admit students from all sections of society across India. We continue to



offer online admission process for all the courses. This year, the college received 2534 applications in BSc, 663 in Arts, 249 in B.Com. and 361 in BCA. Currently, we have a total of 2502 students on our campus.

Thirty-four of our faculty contribute towards conducting the various soft skill, foundation and elective courses. Fr. Lancelot D'Cruz works as a coordinator of Soft Skill/Foundation courses and Dr Shailesh Patel as the coordinator of elective courses. We thank both of them for their contribution.

We can see a new trend emerging as part of the autonomous system: several departments are organising departmental competitions. The department of Mathematics organized Madhava Mathematical Competition; The Department of Economics organised



Cognisance; The Department of Physics – Electronics organised state level competitions on experiments in Physics; the Department of Biochemistry-Biotechnology organised Biocalyx; The Department of Chemistry organised inter college paper presentation competition in association with ACTI as well as Intercollege Quiz Competition. Many of these activities are conducted with the objective of orienting students to think beyond the classroom teaching; initiate critical thinking; enable them to strategize an action plan; propose a theory and look at what experimental design is required to address the proposed theory. Moreover, these competitions were organized by students themselves, thus enabling them to learn organizational skills as well. This trend is very encouraging as the campus is abuzz with activities.

Departments have adopted various teaching – learning methodologies. Some of the methodologies are as follows:

- In an effort to add value to education and enhance competitiveness among students, NET, UPSC, Competitive examinations preparation courses were organised; ‘
- Other efforts include, Indian National Olympiad and NGP examinations, Fr Valles series of lectures, Madhava Nurture camps, Remedial classes, Mentoring by senior students, Movie Club, Seminars, Presenting the works of Nobel Laureates, Simulation exercises, Viva voce, Quizzes, Guest/ Popular lectures, Elective examinations as a power-point presentation, Field Trips and Study tours.
- Innovations such as giving prepared learning outcome oriented files or journals instead of regular journals have been continued by several departments. The journals, at the end of every experiment have questions that provokes their critical thinking.
- The workshop modules of Xplant are a way of enabling students to effectively impart knowledge that they have gained, along with developing entrepreneurial skills.
- The introduction of mini projects in the syllabus too is an important learning methodology for students. It also enables them to work well in a team.



Our academic results are very encouraging. In BA, in the semester 6 examinations conducted by Gujarat University in 2016, 51 students passed with distinctions and 66 with first classes. In BSc, 97 students passed with distinctions and 122 with first classes. In BA semester 6, our students secured 16 positions, and in BSc 13 positions among the top 50 positions at Gujarat University. Our students from BCA have secured 3 positions among the top 50 positions in semesters 5 and 6. We congratulate all the students who worked hard to be on the top and our staff , who shared their dreams and aspirations.

Result 2016-17					
	DIST	FIRST	SECOND	PASS	Pass %
FY BA Sem I	59	65	23	4	73.78
SY BA SEM III	60	51	28	5	82.11
TY BA SEM V	82	63	35	5	90.45
FY BSc SEM I	56	47	32	0	52.85
SY BSc SEM III	83	60	33	6	73.24
TY BSc SEM V	62	85	60	2	76.42
BSc BT SEM I	9	19	5	1	82.61
BSc BT SEM III	20	8	4	0	89.47
BCA SEM I	30	20	14	1	69.39
BCA SEM III	19	11	30	6	74.56
BCom SEM I	4	12	6	1	56.14
MA SEM I	5	4	0	1	100
MA SEM III	8	11	4	0	100
MSc CHE SEM I	3	12	5	1	88.46
MSc CHE SEM III	2	5	3	0	56.52
MSc BDA SEM I	13	2	0	0	93.75
MSc BC SEM I	1	5	10	0	84.21

Co / extra-curricular activities

Research achievements

Under the leadership of research coordinator, Fr Fernando Franco, we continue to nurture a good research culture on campus. College organised various sessions to motivate more faculty to apply for Minor Research Proposals and Seminars to funding agencies. Staff Research Seminar and student research has been streamlined. Thank you Fr Fernando Franco and Dr Atul Makwana for your guidance.

College organised Staff Research Day and published the 14th issue of Research Annals of Xavier's, Ahmedabad. Our special gratitude to Dr TC Pandya and Dr Pranav Trivedi for enthusiastically working towards making this effort a great success. We continue to nurture the UG and PG student research. During this academic year, the Research medal ceremony was held for 57 students from various departments, where Jnanpith award recipient and our own alumnus, Prof Raghuvir Chaudhary, gave away the medals. These 57 students also displayed their research achievements in the form of posters. College also constituted best research award to encourage faculty to plunge into research, and Dr Prashant Patel was the recipient of this award for this year.

Our staff members continue to offer Ph.D guidance to students. During the current year four students have been awarded PhD, namely two from Sanskrit, one from Statistics and one from Chemistry. Congratulations Dr Shuchita Mehta, Dr U B Gothi and Dr Mallika Sanyal. One of the students of Dr Nirmal Desai has submitted PhD thesis; and one of the students of Dr Arefa Mansuri has submitted M. Phil thesis. Prof Steffi Mac has registered herself for Ph.D. Prof Swati Joshi has completed her M.Phil.

Dr Rajesh Iyer received an additional grant from ISRO as part of SAFAR project and Dr Sanjeev Gupta received Rs. 8.0 lakhs from various funding agencies. Dr Sanjeev Gupta is engaged in several international collaborations, and five of our students benefit from this collaboration. Dr Sudeshna Menon and Dr Dweipayan Goswami have received a research grant of Rs. 13 lakhs from GSBTM. Fr. Lancelot D'Cruz has coordinated a three-year project on 'Gujarat Jesuit Ecological Mission' with a funding of Rs 208 lakhs.

Dr Sanjeev Gupta, Dr UM Prajapati, Dr Prashant Patel, Dr Mallika Sanyal, Dr. A.J. Mansuri, Dr UB Gothi, Dr. Aruna Pandya, Dr. Shraddha Bhatt, Dr. Dweipayan Goswami, Dr. Sebastian VA, Dr. Sudeshna Menon, Dr Lancelot D'Cruz and Mr Fulesh Kokni published papers, and chapters in books. Prof Steffi Mac has published a book.

A number of faculty have presented papers, oral presentation and posters, at various state and national conferences. Dr Sanjeev Gupta, Dr TC Pandya, Dr Rajesh Iyer, Ms. Shital Doshi, Ms. Kinjal Desai, Mr. Vijaysinh Dhandhukia, Mr. Atman Shah, Dr Sudeshna Menon, Mr. P U Makwana, Mr. Sanjay Patel, Mr. Prashant Patel, Dr Profaina Christian, Dr Arefa Mansuri, Dr Arti Oza, Dr Sebastian VA, Ms Hetal Makwana, Mr. Kirtan Parmar, Dr Aruna Pandya,

Ms. Sharddha Bhatt, Fr Lancelot D'Cruz, Ms. Steffi Mac, Ms. Swati Joshi have presented their work in various forums.

Dr N D Ganguly, Dr Rajesh Iyer, Dr Urvi Chhaya, Dr Anita Sharma, Dr Clement and Dr Sailesh Patel, Dr Dweipayan Goswami, Ms. Zankruti Dholakia, Dr Nandini Ghosh, Dr Sebastian and Dr Sudeshna Menon; Ms. Deesha Khetani, Dr Pranav Trivedi, Dr Devang Pandya, Dr Uma Harikrishnan, Dr Atul Makwana, Ms Hetal Makwana; Mr. Vijaysinh Dhandhukiya, Mr. Amit Koshti, Fr Lancelot D'Cruz attended workshops and seminars.

Dr Sudeshna Menon, Dr Dweipayan Goswami, Mr. Atman Shah and Mr. Vijaysinh Dhandhukiya attended a Faculty Development Programmes.



Dr Sanjeev Gupta, Dr Devang Pandya, Dr Pranav Trivedi, Dr Uma Harikrishnan, Dr Francis Christy, Dr Atul Makwana, Dr Nirmal Desai, Dr Arti Oza, Dr Udayan Prajapati, Mr. Prashantkumar Patel, Dr Profaina Christian, Dr S. V. Sondarva, Dr Shuchita Mehta, Dr Pinky Desai, Mr. Atman Shah, Fr Vinayak Jadav and Fr Lancelot D'Cruz, Steffi Mac have delivered lectures/ talk in media or served as judges.

Dr Arun Patel, Dr. Udayan Prajapati, Dr Dweipayan Goswami and Ms. Sonal Thakur attended various science competitions. Fr Lancelot D'Cruz was part of a panel discussion. Dr Rajesh Iyer was a resource person at workshop on music at IIT Gandhinagar.

Many of our students carried out UG research under the guidance of our faculty as well as faculty of Institute of Plasma Research (IPR). 13 students participated in Research Projects at IPR under MoU signed between IPR and our college. We congratulate all of them who helped our students in nurturing this scientific temperament.

This year there have been 59 publications in peer-reviewed journals, 32 presentations and 3 chapters in books. A large number of our students also participated and presented papers at conferences. Congratulations to all those who contributed towards bringing quality in research at Xavier's.

Students

Anoshi Patel, Riva Padiya, Boman Doctor, Sanchita Panch, Priyamvada Rathaur, Darshit Thakkar, Hrimkar Buch and Drashti Mehta, Shweta Gohil, Arya Panicker, Manali, Gaurav, Shubhanshi, Rashmi Lunia, Pooja Joshi, Munazza Payawala, Dhruv Bhasin, Tanveerjahan Malavat, Ahir Pooja, Bhagvanbhai, Chaudhari Ashish, Hiralal, Gamit Lowrence Vinubhai, Kirti Amrutbhai Koradiya, Om Trivedi, Hitakshi Thakkar, Malay Modi, Meera Bhatt,

Kavisha Shah, Leena Jadav, Bansari Mehta, Yasmin Pathan, Anjali Priyadarshi, Sangita Thakor, Pinal Kotval, Siksha Thakkar, Jyoti Patel, Rutvi Bhavsar, Rabari Parth, Vaghela Nitin, Patel Avani, Nirali Pipaliya, Yug Jadav, Sarangi Kothari, Achal Patel, Dibyashree Patra, Khyati Bhatt, Nishi Parikh, Nidhi Patel, Hardik Koshti, Yash Gor, Dushyant Singh, Neil Sheth, Jeslin Jayrajan, Jyoti Kumara, Ummesalma Bhanpurwala, Hinal Prajapati, Komal Prajapati Naresh Mobh Bhatt, Meera Dhoriya Pradipkumar, Avani Patel, Nitin Vaghela, Kavisha N Shah, Rutvi Bhavsar, Alam Parmar, Patel Jyoti, Moksha Vaghela, Rimmon Macwan, Virakti Shah, Hamida Rashid, Anjali Mewada, Anmol Mirani, Riya Narsinh, Nirja D. Thakkar, Mahima Thakkar, Eshan, Shourya, Vishakha, Chintan, Anushka Nahata, Suhasini, Vironica Babbar participated in National or State level workshops, Science competitions or seminars. Several of our students from various science departments participated and received certificates from the Minaxi Lalit Scholarship examination.

Ms. Priyanka Aroda, Ms. Pooja Joshi attended training programmes. Dhruv Bhasin, Shweta Gohil, Misbah, Munazza Payawala, Nidhi Chauhan, Pooja Joshi, Rashi Lunia, Nandini Vinchhi, Manali, Harsh Kothari, Shubhanshi Gupta attended workshops. The Vocational Biotechnology students have conducted several workshops for students of schools and other colleges in Molecular biology techniques.

About 60 students of BSc Physics participated in National Science Day activity conducted at IPR. During the summer vacation of 2016, Ministry of Earth Sciences conducted environmental inventory for about a month. Forty-five students from our college were part of this massive exercise.

સોશિયલ મીડિયા સ્કેમમાં ઈન્ડિયા સેકન્ડ મોસ્ટ ટાર્ગેટેડ કન્ટ્રી છે



અમદાવાદ : સિટીની સેન્ટ ઝિવિયસ કોલેજમાં સ્થાયી સિક્યોરિટી એન્ડ ડિજિટલ ઈન્ડિયા એવેરનેસ પર કોન્ફરન્સ યોજવામાં આવી જેમાં સોશિયલ મીડિયા કે જે એકેડેમિક, બિઝનેસ તેમજ સોશિયલ સ્ફર્ટસ સાથે જોડાયેલ લોકો પર સ્થાયી સિક્યોરિટી કેટલુ મહત્વ ધરાવે છે તે અંગે વાત

કરવામાં આવી. આ કોન્ફરન્સમાં લોકો સોશિયલ મીડિયાના ઊપયોગથી જે પણ વસ્તુ અપલોડ અને ડાઉનલોડ કરે છે તેની પાછળ કેટલી કેવી સિક્યોરિટી હોવી જોઈએ તેના પર વાત કરવામાં આવી. આ કોન્ફરન્સમાં ઝિવિયસના સ્ટુડન્ટ હાથે સંઘવીએ કેશલેસ ઈકોનોમી અને ડિજિટલ ઈન્ડિયા પર વાત કરી હતી તેમજ સાયબર સિક્યોરિટીના એક્સપર્ટ વિરલ પરમારે સ્ટુડન્ટને ધણાં સાયબર સિક્યોરિટીનાં કેસ સ્ટડીઝ સેર કરીને સાયબર સિક્યોરિટી અંગે માહિતગાર કર્યા હતા તેમજ તેમણે જણાવ્યું હતું કે 'સોશિયલ મીડિયા સ્કેમમાં ઈન્ડિયા ધીમે ધીમે સેકન્ડ મોસ્ટ ટાર્ગેટેડ કન્ટ્રી બની રહ્યું છે. હાલ સાયબર કાર્ડમાં યુ. એસ. પ્રથમ ક્રમકે આવે છે.'

Staff development and achievements

Dr TC Pandya has been elected as treasurer of Gujarat Science Academy. He has also worked as the Coordinator for Indian National Olympiad.

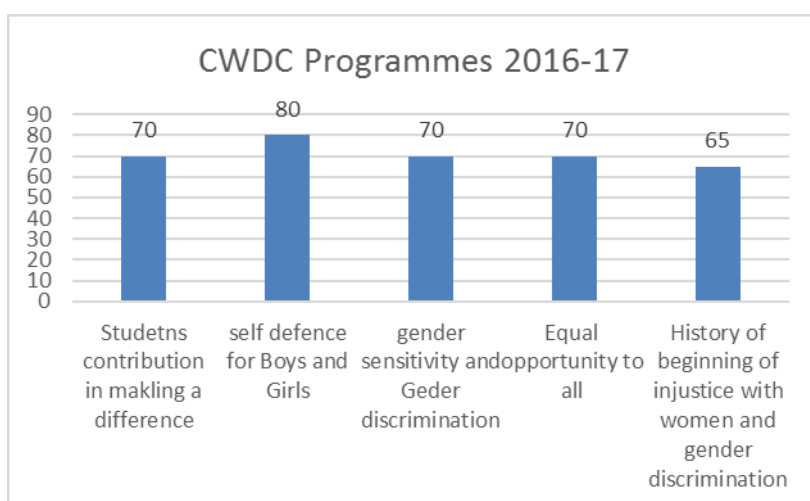
Dr Pinky Desai has been assisting the Gujarat State Higher Secondary Board in syllabus formulation. U. M. Prajapati is a member of BoS of Mathematics of M. N. Virani Science (Autonomous) College, Rajkot. Dr Devang Pandya, Dr K.P.Banaji, Dr Arti Oza, Dr Mallika Sanyal, Dr Atul Makwana are in various academic committees of other institutes. Dr Atul Makwana and Mr Amit Kosti have cleared GSET examination.

SXCA organised the following seminars and workshops

Department of Economics, Gujarati, Sanskrit, BCA, B.Com BPS, Physics, Biochemistry-Biotechnology and Chemistry organised guest lectures. The Advanced BSc Programme was organised by the Department of Physics in collaboration with PRL, IPR and CSC. The

Department of Botany organised several workshops on Ethnobotany. The department of Mathematics organized two workshops on “Problem Solving and Enrichment in Mathematics”, which saw participation of students from other states as well. The department of English organized a workshop on “ilm – New Worlds Unbound” with the theme “Fantasy” and a two day workshop on writing skills.

IQAC organised a training programme on ‘Teacher Effectiveness’ and ‘Reaffirming vision, mission and goal’ for Staff as part of Organisational Development process. A two-day workshop for all departments were also conducted as part of this process. The entire Management underwent a two-day training in OD process.



CWDC organized several talks, namely, ‘Self-defence for the safety of girls and boys’; ‘Making a difference’; ‘Gender sensitivity and gender discrimination’; ‘Equal opportunity to all’ and ‘History of beginning of injustice with women and gender discrimination’. We thank Dr Khushnuma

Banaji, Dr Arti Oza and their team for this commendable work.

Jagrat is our way of responding to the less privileged students of our College. It has 164 members. Various programmes such as ‘Goal setting and Career Planning’ were organised in order to give direction to the students. A workshop was conducted for 60 students by IGSS on equal opportunity.—A team of Jagrat students have been actively involved in the publication of the tribal magazine ‘ADILOK’. Jagrat students have actively helped ‘AADI AUSHDADHI’, a group from Dediapada. Tata Consultancy Services organised ‘Affirmative action programme’ for Jagrat students. We congratulate Fr Lancelot D’Cruz, Mr. Puranbhai Makwana and Dr I L Mehra and their team for coordinating the Jagrat activities.

The Tarumitra team under the leadership of Fr Lancelot D’Cruz organized a training on ‘Green Audit’ of the College. Around 30 students and 3 professors from various departments attended the programme.

Campus Ministry under the leadership of Fr Roland D’Souza and Sr Mary James successfully conducted two rounds of PGOP for all students. They have also coordinated

various prayer services, Christmas programmes for staff, student and support staff, integration programme for third year students, and regular monthly programmes for class IV employees and support staff. Dr Arti Oza, Dr I.L.Mahera, offer their services in PGOP. Several students including Merly Sebastian, Cassini Teimideilang Suiam, Anna



Sebastian, Lakhani Darpan, Vyas Shivani, Moduvadiya Nilesh, Rafal Abhishek, Vyas Mahek, Meet Patel, Mudhor Priyanka, Sharma Akshay, Baldaniya Vanita, Jhala Dikpal, Disha Bhatt, Ansu George, and Shaina help Campus Ministry in its endeavours.



The Campus Ministry also organises monthly programmes for Utkarsh. All Ahmedabad Utkarsh Day was celebrated with 168 students participating on February 12, 2017. We take this opportunity to thank Fr Roland D'Souza and Sr Mary James and a group of devoted volunteers for their exemplary work.

Sports

St Xavier's College took part in 27 games, which was conducted by Ahmedabad zone local sports committee, Gujarat University.

In the men's section we took part in Swimming, Chess, Table Tennis, Badminton, Cross country, Football, Basketball, Volleyball, Handball, Kabaddi, Kho-Kho, Wrestling, Boxing, Tennis, Weight lifting, Power lifting, Body building, Hockey and Athletics, and in out of these, our College stood first in Football, Athletics, Basketball, Cross country, Hockey and Second in Tennis doubles, Badminton doubles. We were declared champions in Football, Basketball and Hockey at inter zonal level. We took part in ADFI Football Cup All Gujarat Inter College Football Tournament and won the Championship.

In the women's section, we took part in Table tennis, Badminton, Volleyball, Basketball, Tennis, Swimming and Athletics. Out of these, our college won the championship in Badminton singles and doubles, Swimming, Table Tennis Doubles, Tennis doubles, Basketball and Athletics.

In Women's athletics, Merlin Martin showed her best performance in Relay and in Shotput and got 'The Best Athlete of the year' in Gujarat University.

In the men's, section Amandeep Chauhan had shown his best performance in Athletics. He

took part in Decathlon, and he stood first in it. He also participated in three individual events, which were High jump, Long jump and 110 Mtr Hurdles and in all these events, he stood first.

This year 134 students took part in different Inter collegiate tournaments. Out of these, 32 boys and 17 girls, were selected for inter zonals and thereafter, 17 boys and 14 girls went forward for All India Inter University. Krusha Patel represented the College in the Nationals for Volleyball. Harshad Kumar, Chintan Dalal, Abhishek Chauhan represented the college in the Nationals for Basketball. Our Basketball teams, both boys as well as girls, won the NIFD Basketball Tournament.

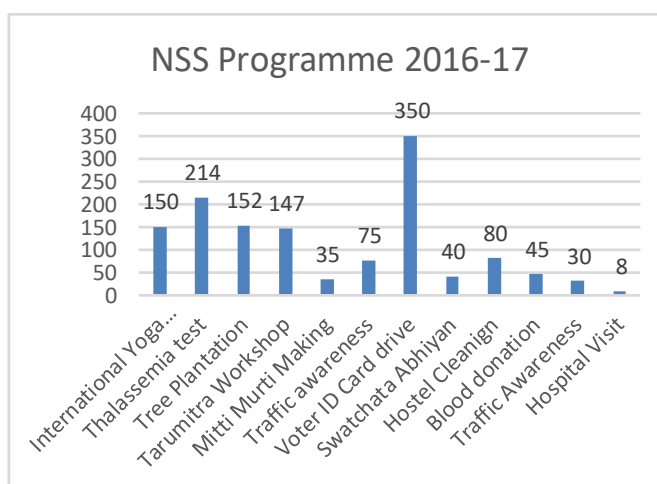
NCC

St. Xavier's College was able to maintain its tradition of being part of the Republic day camp. This year, Gazala Parwez of S.Y.B.Sc in Navy wing was selected for the RDC camp, Delhi and she was selected as the best cadet of Gujarat to represent the Directorate in Delhi.

The college has motivated 39 students to joined different NCC SQN or Battalions; 16 students from FY, 14 students from SY and 9 students from TY have gone for different camps and out of these six students have gone for National camps.

NSS

Ms. Ami Shah, Mr. Vijaysinh Dhandhukia, Dr Devang Pandya, Dr Arefa Mansuri, Mr. Kirtan Parmar, Fr Rajeev Chakranarayan continue to offer their services to NSS. NSS organised various programmes such as Campus cleaning drive, Blood donation camp, Mitti Murti making, Tree plantation, and Hospital visits. A Thalassemia detection camp was organized where 146 students



participated; International Yoga Day was celebrated to bring in awareness on physical health among students. NSS also organised talks on Cyber-crime and Digital India. Thank you, Ms. Ami and her team for inspiring our students and giving Xavier's a new dimension in serving the fellow human beings.

Youth Festival and Culfest

Dr Sudeshna Menon, Ms. Deesha Ketani, Dr Shuchita Mehta, Mr Saurabh Vaishnav, Mr Atman Shah, and Ms. Manali Shah continue to give assistance in organising extracurricular activities in the College. A large number of staff supported in conducting Culfest smoothly by offering to judge programmes. We thank all of them, and especially the HoDs who coordinated the events. Many students from various departments continue to be part of the student volunteers to organise various programmes. Thank you, Volunteers and SCQ members, without you none of our programmes would be possible.



A total of 47 of our students participated in 22 events in the Gujarat University Youth festival (South Zone). SXCA was victorious in 8 events. Rutwik Pandya in Percussion; Janet Samuel in Western Vocal; Isha Vyas, Mehta

Nishith, Kaushal Pithadiya, Blessy John, Shashwat Goswami and Mahek Vyas in Indian group song; Janet Samuel, Nishchay Shukla, Evan Basnet, Suiaam Cassini and Merly Sebastian in western group song; Virakti Shah in classical dance Nishith Mehta and Manthan Goswami in debate; Nishith Mehta, Arjun Dhar and Astu Panchal in quiz. In the fine arts section, Pranay Shah won the On the spot photography. The Rally won the second prize and was appreciated for the energy, vibrancy and creativity.

In the Inter Zone, we came first in debate; second in instrumental classical (Percussion) and third in western group song. We would like to thank Megha Parikh, the student coordinator for Youth Fest and her team for their hardwork and zeal.

Culfest - PRATIBIMB

College celebrated its annual cultural festival, with the theme of “Pratibimb – The Being Within”. It was a huge challenge for our students to raise funds as demonetisation had paralyzed the market. However, the indefatigable spirit within Xavierites enabled them to raise enough fund to organise the event with glitter and gaiety. This year the highlight of the culfest was the unexpected flow of Alumni to the campus. An entire day was devoted for inter collegiate events and several colleges from the state participated. A total of 26 events under five different categories (Literary, Music, Dance, Dramatics and Fine Arts) were organised. The Championship Trophy was won by the Department of Biochemistry - Biotechnology while the Runners Up Trophy was won by the Department of Psychology B division. Congratulations to the Cultural committee and the committed group of student volunteers led by Ms. Devanshi Doshi, who made the event a success.



A sports fest was also conducted simultaneously. Various events like football, cricket, basketball, kabaddi, volley ball were conducted. Mr. Chintan Dalal coordinated the entire sportsfest under the guidance of Dr Vijaysinh Padheriya. A special mention of the Major Padheriya Memorial Marathon that was held on December 11, 2016. Mr. Prashantkumar Patel got the First prize, and Dr. Atul Makwana won the second prize in the Men's Category (Staff) while Ms. Zankruti Dholakiya and Ms. Shital Doshi got the first and second prize in the Women's Category (Staff). This special announcement is to seek greater participation from the staff in the Marathon, as it is our way of expressing gratitude to Major Padheriya, whose commitment to his work and institution is exemplary. A special thanks to Dr Vijaysinh Padheria and his team of student volunteers who made this event memorable.

With the autonomous system in place, we are venturing in a big way to participate in events organised by other institutes, so that we give the best opportunities to our students. Our



students also participated simultaneously in Vishleshan, the Youth festival of GLS University and won prizes in Spellathon, On the Spot Painting, Debate, Group Discussion, Press Conference, Rangoli, T-Shirt Painting, Dance Solo (Filmy), Dance Solo (Classical), Solo Vocal (Non-Filmy), and Face Painting. Our students participated in JOSH, hosted by National Institute of Event Management and won the First runner up prize in Single Idol (Keyboard) and the First runner up in Group performance (dance). Congratulations again to all those who continue to make Xavier's proud.

Extension activities

Several faculty from the Department of Chemistry are associated with ACTI, an NGO helping to improve interactions between Industries and Academic institutes. Several students of our college are associated with various extension activities of NGOs, namely, TIDE, Arpan, Blind People's Association; Make a Difference, Teach with India, and Ahmedabad Traffic Awareness Committee.

The experimental learning module of third year Vocational students, Xplant, and XICE are simulated companies. This experiential learning module enhances their hard skills as well as soft skills, which are required for employability and gives them an insight into what entrepreneurs require to set up a small-scale industry. Faculty from the Harrisburg University, Ottawa, visited these facilities and were impressed. They also interacted with the staff of the Department of Physics and are in the process of signing an MoU. An MoU has been signed between Graduate School of Agricultural and Life Sciences, University of Tokyo and St. Xavier's College (Autonomous) for collaboration in Joint Research. A collaborative MoU has been signed with ALBOAN and the Gujarat Province Development Office for the Gujarat Jesuit Ecological Mission-Phase II, which is a 36 months project.

Some of our staff and students are involved in public life and take social responsibility. Mr. Vijaysinh Dhandhukiya is a member in Animal Help Foundation.

Ms. Shweta Gohil, SY BSc was certified and awarded a prize money of Rs.2000/- for commendable contribution in 'The Improvement of the Voter's Id list in the year 2016' by the Election Commission of India. Mr Manthan Goswami won the prestigious Times of India Public Speaking Contest. (1st in Gujarat), with the Prize Money being Rs. 1,00,000.

Career cell

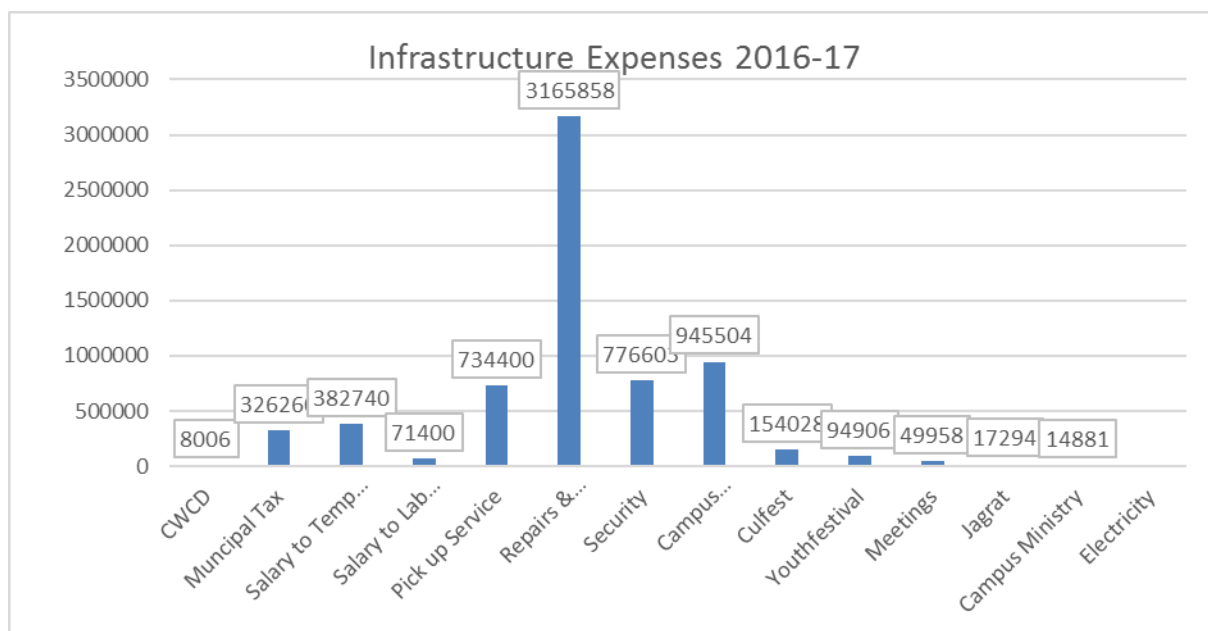
Career cell under the leadership of Dr C J Clement, and Dr Urvi Chayya organised 4 programmes: Gandhi Fellowship, The Young India Fellowship, SBI on recruitment of Probationary Officers post and Teach for India; 32 students were selected by Infosys. We look forward for more recruitment drives in the near future. Career Guidance was offered to their students by the Chemistry Department.

Infrastructure

College upgraded several classrooms with LCD projectors to enhance teaching – learning modules by using technology. The newly constructed laboratories are now fully functional. College office was renovated and it is slowly moving towards a dynamic mode of operation using ERP. College also invested in two photocopier machines.

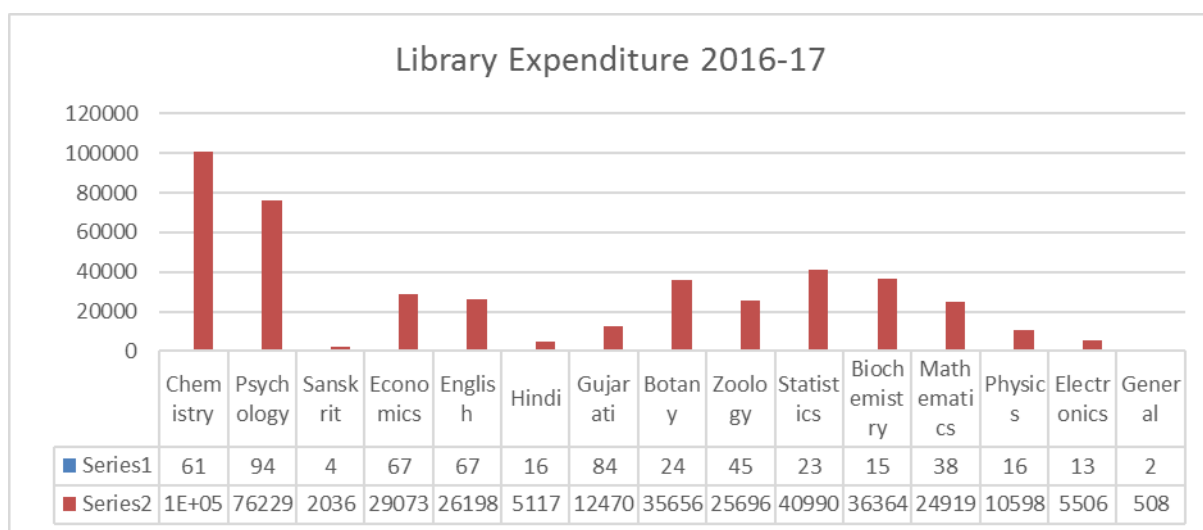
College has installed 30 new computers in the computer laboratory at a cost of Rs 15 lakhs with the assistance from Piyushbhai Desai, MD of Wagh Bakri, and we take this opportunity to thank him for his continuous generous contribution towards offering the best to our students. Another 25 computers have been bought and distributed to various departments with the CPE fund.

LAN connection has been given to each faculty in Maths; A PC has been purchased under the Minor Research Project of Dr. Udayan Prajapati, and a Printer under the support of Madhava Mathematics Competition fund.

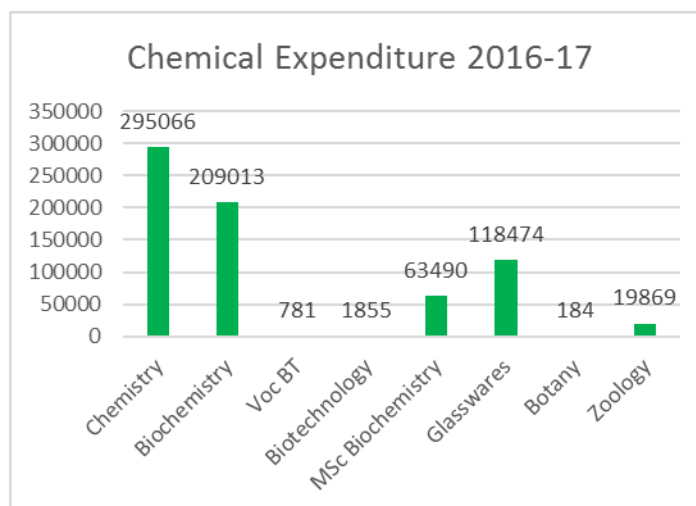


This year, the college spent Rs. 1.2 lakhs for maintaining computers and Rs. 1.4 lakhs in ensuring internet connection in our campus. College spent over Rs. 31 lakhs towards repairs and maintenance of the various facilities on campus. Over Rs. 7.5 lakhs have been spent towards security arrangements of the campus and over Rs. 9.5 lakhs towards house-keeping. This is to ensure that we have a safe and clean campus. Despite our effort in installing solar panels to reduce the electricity bills, we still continue to incur an expense of about 12 lakhs per annum. In an effort to reduce this electricity bill further, we have installed a solar pump at the cost of Rs. 5 lakhs, recently. Our Municipal Tax is nearly 9 lakhs, per annum. There is no income to meet the above five categories and hence, we thank the management for their continued support to meet these expenses. We urge our students not to waste electricity.

We have also invested Rs. 4.32 lakhs for purchase of 569 books. National Board for Higher Mathematics (NBHM) donated about 35 books.



Our Laboratory expenditure is over Rs. 5.3 lakhs for the five Science programmes. Thus, the estimated laboratory expense per student is approximated to Rs. 1901! A large part of this expenditure comes from Management funding. Therefore, we urge all the faculty and students to not waste chemicals and use them judiciously. We are sure that each student of this College makes full use of this facility and grows in knowledge and wisdom.



A new laboratory has been developed for housing the super computer of the Department of Physics. Covering the SAH with glass window was our dream and it has been fulfilled.

Dignitaries on Campus

A number of dignitaries visited our campus this year: Shri Raghuvir Chaudhary, Hon. Vice Chancellor of Gujarat University Dr M.N. Patel, noted scientist Dr Rajmal Jain, Prof Kensuke Okada from the University of Tokyo, Prof Nigel J Mason from The Open University, Milton Keynes, UK, Dr Bimal Roy from Indian Statistical Institute, and celebrities like Mr Rajeev Khandelwal and Mr Rohit Roy. A team of academicians from Ottawa University visited the campus and interacted with our faculty to work out staff and students exchange programmes.



Future Plans

We wish to initiate more courses and create an environment for more students to take advantage of the Xavier education module. We wish to set up centralised lab facility for research and development, add more equipment for basic research, focus on publishing in journals with good impact factor, systematise mentoring programmes for both staff and students. We wish to introduce Moodle based education and implement ERP in Toto. We wish to move slowly towards online evaluation system. Over a period, we wish to renovate each classroom with more comfortable furniture and visual aids. We also wish to renovate boys hostel and College mess. We wish to make the campus green, self-sustaining, and contributing to carbon neutrality.

I am extremely grateful to the team of Management, administrators, and teachers for their dedication and commitment. Most members of the staff contribute much beyond the call of duty. They carry out every task with autonomy, accountability and efficiency. Our students give us an opportunity to do our best. Their gratitude and affection makes our job worthier than a professional responsibility. I consider it a great privilege to nurture our students. Thank you for the commendable contribution made towards actualizing the dream of Xavier's shining bright as one of the best educational institutions in India. You have made Xavier's what it is today. Thank you all once again!

Let us thank the almighty for walking with us and invoke his blessing for our future plans.

Jai Xavier's

St Xavier's College (Autonomous), Ahmedabad-9
Publication (2016-17)

Books/ chapters in Books/Proceedings

1. **Goswami, Dweipayan**, Pinakin Dhandhukia, and Janki N. Thakker. "Expanding the Horizons for the Use of Paenibacillus Species as PGPR for Sustainable Agriculture." In *Bacilli and Agrobiotechnology*, pp. 281-307. Springer International Publishing, 2016.
2. **K.P.Banaji**. Gujarat State Textbook board "Psychology" – 11th Std.
3. **Lancelot D'Cruz** and Francis Macwan., Value addition to traditional Ethnomedicinal Biodiversity for sustainable livelihood options: The Aadi Aushadhi Paradigm. In 'Perspectives on Biodiversity in India', edited by A. Bijukumar, N.S.Pradeep, K.G.Ajitkumar and P.G. Rajendran, Volume 2, Part 2, pgs 7 to 10. Published by Centre For Innovation in Science and Social Action, Kerala (2016).
4. **Steffi Mac**: That Girl in the Black Hat (Book) ISBN: 978-93-5267-453-4

Journals

1. Ankit Bhojak, **Gothi U. B.** Inventory Model for Ameliorating and Deteriorating Items under Time Dependent Demand and IHC with Partial Backlogging. *International Journal of Engineering Science and Computing*, April 2016, Vol. 6, Issue 4. 2321-3361: www.ijesc.org
2. **Aruna Pandya**, Joshi, A.N. and Ghosh, D.K. Frechet Distribution: Parametric Estimation and its Comparison by Different methods of Estimation, *International Journal of Agriculture and Statistical Sciences*, December 2016, Vol.12, No.1.Pp-105-110. ISSN : 0973-1903, www.connectjournals.com
3. D. Singh, **Sanjeev K. Gupta**, I. Lukačević and Y. Sonvane, *Indiene.*, 2D monolayer: a new nanoelectronic material, *RSC Adv.*, 6, 8006 (2016).
4. D. Singh, **Sanjeev K. Gupta**, Y. Sonvane and I. Lukačević, Antimonene: A monolayer material for ultraviolet optic nanodevices, *Journal of Materials Chemistry C*, 4, 6386 (2016).
5. D. Singh, **Sanjeev K. Gupta**, Y. Sonvane, A. Kumar and R. Ahuja, 2D-HfS₂ as an efficient Photocatalyst for Water Splitting, *Catal. Sci. Technol.*, 6, 6605 (2016).
6. Darshan V. Chaudhary, Priyanka A. Shah, Daxesh P. Patel, Jaivik V. Shah, **Mallika Sanyal**, Pranav S. Shrivastav, Determination of Lercanidipine in Human Plasma by an Improved UPLC-MS/MS Method for a Bioequivalence Study (2016) **Journal of Pharmaceutical Analysis**, 6, 87-94.
7. **Dhara Bhatt.**, A study and analysis of wind turbine towers with rotor size at different heights *IRA-International Journal of Technology & Engineering IRA Vol.4, Issue 03*, September 2016
8. **Dhara Bhatt.**, Prediction of Wind power potential by wind speed probability distribution for a site Mistelgau *International Journal of Recent Trend in Engineering and Research*

9. Dhiraj M. Rathod, Keyur R. Patel, Hiren N. Mistri, Arvind G. Jangid, Pranav S. Shrivastav, **Mallika Sanyal**, An improved LC-MS/MS method for the quantification of alverine and para hydroxy alverine in human plasma for a bioequivalence study (2016) **Journal of Pharmaceutical Analysis**, doi.org/10.1016/j.jpha.2016.11.003
10. Dhiraj M. Rathod, Keyur R. Patel, Hiren N. Mistri, Arvind G. Jangid, Pranav S. Shrivastav, **Mallika Sanyal**, Application of LC-tandem mass spectrometry method for simultaneous determination of albendazole and albendazole sulfoxide in human plasma for bioequivalence studies (2016) **Journal of Pharmaceutical Analysis**, 6, 226-234.
11. Dhiraj M. Rathod, Keyur R. Patel, Hiren N. Mistri, Arvind G. Jangid, Pranav S. Shrivastav, **Mallika Sanyal**, Simultaneous analysis of allopurinol and oxypurinol using a validated liquid chromatography-tandem mass spectrometry method in human plasma (2016) **Journal of Pharmaceutical Analysis**, doi.org/10.1016/j.jpha.2016.05.005
12. Dhiraj M. Rathod, Keyur R. Patel, Hiren N. Mistri, Arvind G. Jangid, Pranav S. Shrivastav, **Mallika Sanyal**, Application of an LC-MS/MS method for reliable determination of amodiaquine, N-desethylamodiaquine artesunate and dihydro-artemisinin in human plasma for a bioequivalence study in healthy Indian subjects (2016) **Journal of Pharmaceutical and Biomedical Analysis**, 124 (2016) 67–78.
13. **Fulesh K.**, Kokni, Hitesh A. Solanki, and Dilip D. Patel., Study of Ethnomedicinal Plants and its Documentation of Waghai forest, Gujarat. Life Science Leaflets, Volume No., Online & Print, 81 (2016), Page No. 11 to 30.
14. **Gothi U. B.**, Ankit Bhojak ., Inventory system with deterioration of items under pareto type – I distribution, power demand pattern and partial backlogging, SankhyaVignana, June 2016, NSV 12, Issue No. 2, pp. 47 –43, ISSN : 2321-0877
15. **Gothi U. B.**, Ankit Bhojak Inventory models for ameliorating and deteriorating items with time dependent demand and IHC. International Journal of Management and Social Science Research Review, Feb 2016, Vol. 1, Issue 2. 2349-6746. www.ijmsrr.org
16. **Gothi U. B.**, Ankit Bhojak., Production inventory system under weibull amelioration, pareto deterioration and exponentially time based demand under fully backlogged shortages International Journal of Scientific and Innovative Mathematical Research, May 2016, Vol. 4, Issue 5, pp. 26 – 36. 2347-3142. www.ijsimr.org
17. **Gothi U. B.**, Joshi D., Parmar K. C A two warehouse inventory model with exponential demand and constant deterioration rate, international Journal of Recent Research and Applied Studies, May –2016, 5(12), pp. 44 – 51. ISSN : 2349-4891, www.ijrras.com
18. **Gothi U. B.**, Mehta D., Parmar K. C. A two warehouse inventory model with Weibull deterioration rate and time dependent demand rate and holding cost. IOSR Journal of Mathematics (IOSR – JM), May – June 2016, Vol. 12, Issue 3, pp. 95 – 102. 2278-5728: www.iosrjournals.org
19. **Gothi U. B.**, Saxena P., Parmar K. C. An inventory model for two warehouses with constant deterioration and quadratic demand rate under inflation and permissible delay in payments, American Journal of Engineering Research (AJER), June 2016 Vol. 5, Issue 6, pp. 62 – 73.: 2320-0847: www.ajer.org

20. **Gothi U. B.**, Chatterji D., Parmar K. C An Integrated Inventory Model with Exponential Amelioration and Two Parameter Weibull Deterioration Journal of Statistics and Mathematical Engineering, MAT Journals, April 2016, Vol. 2, Issue 1. www.matjournals.com
21. Jaivik V. Shah, Daxesh P. Patel, Priyanka A. Shah, **Mallika Sanyal**, Pranav S. Shrivastav, Simultaneous quantification of atenolol and chlorthalidone in human plasma by ultra performance liquid chromatography-tandem mass spectrometry (2016) **Biomedical Chromatography**, **30**, 206-216.
22. Jaivik V. Shah, Priyanka A. Shah, Priya V. Shah, **Mallika Sanyal**, Pranav S. Shrivastav, Fast and sensitive LC-ESI-MS/MS method for the simultaneous determination of lisinopril and hydrochlorothiazide in human plasma (2016) **Journal of Pharmaceutical analysis**, doi.org/10.1016/j.jpha.2016.11.004
23. Jui J. Pandya, Nejal M. Bhatt, Vijay D. Chavada, Primal Sharma, **Mallika Sanyal**, Pranav S. Shrivastav, Simultaneous analysis of aliskiren and hydrochlorothiazide in their combined dosage form and spiked human plasma by HPTLC (2016) **Journal of Taibah University for Science**, [doi:10.1016/j.jtusci.2016.05.001](https://doi.org/10.1016/j.jtusci.2016.05.001)
24. Jui J. Pandya, Vijay D. Chavada, Nejal M. Bhatt, **Mallika Sanyal**, Pranav S. Shrivastav, First HPTLC method for the simultaneous quantification of tacrolimus, sirolimus and mycophenolate mofetil from their pharmaceutical formulations and biological samples (2016) **Journal of Indian Chemical Society**, **93**, 739-750.
25. K. Pandey, P. Yadav, D. Singh, **Sanjeev K. Gupta**, Y. Sonvane, I. Lukačević, J. Kim and M. Kumar, First step to investigate nature of electronic states and transport in flower-like MoS₂: Combining experimental studies with computational calculations, Scientific Reports (Nature Publishers) | 6:32690 | DOI: 10.1038/srep32690 (2016).
26. M. Orkcü, **Prashantkumar Patel**, V. N. Mishra, "Shape Preserving Properties of the Generalized Baskakov Operators", Gazi University Journal of Science, 29(1), 87-94, 2016.
27. Mansuri., A.J., Life Event Stress among primary teachers and bank employees with relations to Gender. Eduspark Research Journal, Oct-Nov-2016, Vol-3, Issue-9.
28. Nejal M. Bhatt, Vijay D. Chavada, **Mallika Sanyal**, Pranav S. Shrivastav, Design of experiment assisted concurrent enantioseparation of bupropion and hydroxybupropion by high-performance thin layer chromatography (2016) **Chirality**, DOI 10.1002/chir.22673
29. Nejal M. Bhatt, Vijay D. Chavada, **Mallika Sanyal**, Pranav S. Shrivastav, Combining simplicity with cost-effectiveness: Investigation of potential counterfeit of proton pump inhibitors using a mono-TLC protocol (2016) **Journal of Chromatography A**, **1473**, 133–142
30. P. A. Patel and **Shraddha Bhatt.**, A Model-based Estimation of Finite population Variance under PPS Sampling, Imperial journal of interdisciplinary (IJIR), Vol. 1-2, Issue-4, 2016 ISSN : 2454-1362, www.connectjournals.com
31. P. A. Patel and **Shraddha Bhatt.**, Admissible Estimation of a Finite Population Total under PPS Sampling, Research Journal of Mathematical and Statistical Sciences, Vol. 4 (8), 2016. E-ISSN 2320-6047, www.connectjournals.com

32. P. A. Patel and **Shraddha Bhatt.**, Estimation of finite population total under PPS sampling in presence of extra auxiliary information, *International Journal of Statistics and Analysis*, Vol. 6 (1), 9-16, 2016, ISSN 2248-9959, www.connectjournals.com
33. Parth Thakor^{1,2}, **Dweipayan Goswami**³, Janki Thakker⁴ and Pinakin Dhandhukia^{1*} 593 Idiosyncrasy Of Local Fungal Isolate *Hypocrea Rufa* Strain P2: Plant Growth Promotion And Mycoparasitism, *Jmbfs* (Online Journal), June 2016.
34. **Prashantkumar Patel**, V. N. Mishra and M. Orku, "Some Approximation Properties of the Generalized Baskakov Operators", accepted in *Journal of interdisciplinary Mathematics*.
35. **Prashantkumar Patel**, V. N. Mishra, "On Approximation Properties of Modified Szasz-Mirakjan Operators via Jain Operators", *Analysis in Theory and Applications*, 32(3), 232-241, .016
36. **Prashantkumar Patel**, V. N. Mishra, "Some Approximation Properties of Modified Szasz-Mirakjan-Baskakov Operators", accepted in *Proceedings of the Jangjeon Mathematical Society*.
37. Pravin G. Vanol, Puran Singhal, Priyanka A. Shah, Jaivik V. Shah, Pranav S. Shrivastav, **Mallika Sanyal**, SPE-UPLC-MS/MS assay for determination of letrozole in human plasma and its application to bioequivalence study in healthy postmenopausal Indian women (2016) **Journal of Pharmaceutical Analysis**, 6, 276-281.
38. Priyanka A. Shah, Jaivik V. Shah, **Mallika Sanyal**, Pranav S. Shrivastav, LC-MS/MS analysis of metformin, saxagliptin and 5-hydroxy saxagliptin in human plasma and its pharmacokinetic study with a fixed-dose formulation in healthy Indian subjects (2016) **Biomedical Chromatography**, doi: 10.1002/bmc.3809.
39. Priyanka A. Shah, Jaivik V. Shah, **Mallika Sanyal**, Pranav S. Shrivastav, LC-tandem mass spectrometry method for the simultaneous determination of metformin and sitagliptin in human plasma after ion-pair solid-phase extraction (2016) **Journal of Pharmaceutical and Biomedical Analysis**, 131, 64-70.
40. Priyanka A. Shah, Primal Sharma, Jaivik V. Shah, **Mallika Sanyal**, Pranav S. Shrivastav, An improved LC-MS/MS method for the simultaneous determination of pyrazinamide, pyrazinoic acid and 5-hydroxy pyrazinoic acid in human plasma for a bioequivalence trial (2016) **Journal of Chromatography B**, 1017, 52-61.
41. Puran Singhal, Priyanka A. Shah, Jaivik V. Shah, **Mallika Sanyal**, Pranav S. Shrivastav, Sensitive and rapid estimation of lapatinib, an anticancer drug in spiked human plasma by LC-MS/MS. (2016) **International Journal of Pharmacy and Pharmaceutical Sciences**, 8(1), 214-220.
42. S. Kansara, D. Singh, **Sanjeev K. Gupta**, Y. Sonvane, Density functional Studies of structural, electronic and vibrational properties of palladium oxide, *Solid State Communications*, 245, 36-41 (2016).
43. **Sanjeev K. Gupta**, D. Singh, K. Rajput and Y. Sonvane, Germanene: New Electronic Gas Sensing Material, *RSC Advances*, 6, 102264-102271 (2016).
44. **Sanjeev K. Gupta**, Andrew McEwan, Igor Lukačević; Elasticity of DNA nanowires, *Phys. Lett. A*, 380, 207 (2016).

45. **Sebastian V A** and **Sudeshna Menon**. ‘Making vision a reality: The experience of St. Xavier’s College, Ahmedabad’
46. Sneha G. Nair, Daxesh P. Patel, **Mallika Sanyal**, Puran Singhal, Pranav S. Shrivastav, Simultaneous analysis of glucocorticosteroid fluticasone propionate and its metabolite fluticasone propionate 17 β -carboxylic acid in human plasma by ultra performance liquid chromatography-tandem mass spectrometry at sub pg/mL level (2017), **Journal of Pharmaceutical and Biomedical Analysis**, **135**, 1-7.
47. Steffi Mac, “Relationship between Public and Private Identities Depicted Through Language in Hamlet.” The Global Journal of Literary Studies: A Peer Reviewed International Journal. Vol. II, Issue iii, Sep.2016, ISSN 2395-4817.
48. **Steffi Mac.**, Depiction of Physical Power in William Shakespeare’s Macbeth, Uncoupling of character and language in Othello, Relationship between Public and Private Identities Depicted through language in Hamlet, Depiction of Personal Power in William Shakespeare’s Macbeth.
49. **U. M. Prajapati** and B. N. Suthar , “Prime labelling in the context of duplication of graph elements in $K_{2,n}$ ”, International Journal of Mathematics and Soft Computing, Volume 7, Issue 1 (2017), 117–125. ISSN Print: 2249-3328, ISSN Online: 2319-5215.
50. **U. M. Prajapati** and K. K. Raval, “ Product Cordial Graph in the context of Some Graph Operations on Gear Graph”, Open Journal of Discrete Mathematics, 2016, Volume 6, 259-267, <http://www.scirp.org/journal/ojdm> ISSN Online: 2161-7643 ISSN Print: 2161-7635
51. **U. M. Prajapati** and N. B. Patel , “Edge Product Cordial Labeling of Some Cycle Related Graphs”, Open Journal of Discrete Mathematics, 2016, Volume 6, 268-278 <http://www.scirp.org/journal/ojdm> ISSN Online: 2161-7643 ISSN Print: 2161-7635
52. **U. M. Prajapati** and P. D. Shah , “Some Edge Product Cordial Graphs in the Context of Duplication of Some Graph Elements”, Open Journal of Discrete Mathematics, 2016, Volume 6, 248-258 <http://www.scirp.org/journal/ojdm> ISSN Online: 2161-7643 ISSN Print: 2161-7635
53. **U. M. Prajapati** and R. M. Gajjar , “Cordiality in the Context of Duplication in Crown related Graphs”, Journal of Mathematical and Computational Science, Volume 6 (2016), No. 6, 1058-1073, ISSN: 1927-5307
54. **U. M. Prajapati** and S. K. Singh , “Some Properties of Cyclotomic Graph”, International Journal of Mathematics And its Applications, Volume 4, Issue 2–C (2016), 1–11. ISSN: 2347-1557
55. V. Bhatt, K. Pandey, **Sanjeev K. Gupta**, Y. Sonvane, P. Yadav, M. Kumar, Photodynamic Response of a Solution Processed Organolead Halide Photodetector, RSC Advances, 6, 111942-111949 (2016).
56. V. H. Mankad, **Sanjeev K. Gupta** and Prafulla K. Jha, Thermodynamic Properties Of Zinc Oxide [001] Nanowires Via First Principles Calculations, Adv. Mat. Lett. 7(3), 246, (2016).

57. V. N. Mishra and **Prashantkumar Patel**, “ α, β -Statistical Convergence of Modified q-Durrmeyer Operators”, Accepted in Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics.
58. Vijay D. Chavada, Nejal M. Bhatt, **Mallika Sanyal**, Pranav S. Shrivastav, Surface Plasmon Resonance based Selective and Sensitive Colorimetric Determination of Azithromycin using Unmodified Silver Nanoparticles in Pharmaceuticals and Human Plasma (2017) **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy**, **170**, 97-103
59. Vijay D. Chavada, Nejal M. Bhatt, **Mallika Sanyal**, Pranav S. Shrivastav, First normal phase HPTLC method for simultaneous determination of antimalarial drugs atovaquone and proguanil from MALARONE® tablets (2016) **Journal of Planar Chromatography**, **29**, 141-144.

Attended seminars & Presented Papers

1. **Arefa Mansuri.**, Presented paper at the National Conference at Mata Sundri College, Uni of Delhi. Titled: “Effects of psychological well-being on spiritual intelligence of people above 60 years”.
2. **Arefa Mansuri.**, Presented paper at the national seminar on stress and health at R.R.Mahila Arts College-Vijapur. Life event stress amount the primary teachers and bank employees with relation to gender
3. **Arti Oza**, Presented a paper at the 1st Asia-Pacific conference of Rajasthan Psychology Academy at Department of Psychology, University of Rajasthan, Jaipur on March 1-2, 2016. “Impact of Emotional Intelligence on family adjustment of working women”.
4. **Arti Oza**, Presented a paper at the national conference at TEPSE & HEPSN Centre, Jai Narain Vyas University, Jodhpur, Rajasthan. Titled: the core relative study of emotional maturity and social adjustment of working women
5. **Arti Oza**, Presented a paper at the national conference of psychology at S.B.Garda College, Navsari on 10th – 12th September – 2016. “The comparative study of distress level among thyroid, hypertension and diabetic patients”.
6. **Arti Oza**, Presented a paper at the UGC sponsored National Seminar on ‘Stress and Health’ at Smt. R.R.H.Patel Mahila Arts College, Vijapur. “Competitive study of depression level between the parents of Mr Child”.
7. **Aruna Pandya** “Frechet distribution: Parametric estimation and its comparison by different methods of estimation”., National Seminar on “Roll of Statistics in current scenario” Department of Statistics, Veer Narmad South Gujarat University, Surat.
8. **Aruna Pandya** “Frechet distribution: Parametric estimation and its comparison by different methods of estimation”., National Seminar on “Roll of Statistics in current scenario”., Department of Statistics, Veer Narmad South Gujarat University, Surat..
9. **Atman Shah** Presented a paper on ‘An Overview of Public Health Expenditure of Gujarat’ in an International Seminar on Contemporary Issues in Development organized by Vishleshan Trust, HRD Department (VNSGU) and IIDS (Australia) on 18 December 2016.

10. **Atman Shah** Presented a paper on 'Fiscal Decentralization: Status of PRIs in Gujarat' in an state level conference organized by Gujarat Economic Association held at Khedbhrama during 6-8 January 2017.
11. **Atman Shah** Presented a paper on 'Quality Education in Gujarat' in an International Seminar organized by N.S.Patel Arts college, Anand on 10 December 2016.
12. **Kirtan Parmar.**, “An Inventory model with power demand pattern, two parameter Weibull distribution deterioration with shortages”, “Roll of Statistics in current scenario”, Department of Statistics, Veer Narmad South Gujarat University, Surat.
13. **Kirtan Parmar.**, “Economic Order Quantity (EOQ) model with constant deterioration rate and time dependent demand and inventory holding cost”, International Conference on “Computational Mathematics and Statistics”, 24-26th January 2017, department of Mathematics and Statistics, Banasthali University, Rajasthan.
14. **Kirtan Parmar.**, “Order level inventory model for deteriorating items under varying demand condition”, International Conference on “Interdisciplinary Mathematics, Statistics and Computational Techniques” December 2016, International Conference organized by department of Mathematics and Statistics, Manipur University, Jaipur.
15. **Lancelot D’Cruz** “Basics and Fundamentals of Plant Taxonomy and Identification of Plants” held at the D.N. Science College, Dabhoi on February 2, 2017.
16. **Lancelot D’Cruz** “Ethnobotany :Human-Plant Interface” jointly organized by the Serenity Trust and St. Xavier’s College at the Serenity Library and Botanical Garden, Gandhinagar on February 12, 2017.
17. **Lancelot D’Cruz.**, “Local Creative Networking for Health and Conservation: the Aadi Aushadhi Paradigm” at the 39th All Indian Conference of the Indian Botanical Society (IBS) and the National Symposium on “New Approaches and Recent Challenges in Botany” held at Department of Botany, University of Ranchi, from October 21-23, 2016.
18. **Lancelot D’Cruz.**, Attended a Workshop on Development and Sustainability organised by the PDO, Gujarat from November 19-21, 2016 at the Pastoral Centre, Nadiad and presented a paper on “Environment and Development”.
19. **Lancelot D’Cruz.**, Attended a Workshop on Development and Sustainability organised by the PDO, Gujarat from December 10-12, 2016 at the Pastoral Centre, Netrang and presented a paper on “The Intellectual Apostolate”.
20. **Makwana, P.U.**-Presented paper in Staff Research Seminar held on 2-4-16.
21. **Pandya, TC.**, presented a paper in an international Conference on Functional Oxides and Nano materials (IC FONM-16) Saurashtra University, Nov. 11 to 13 2016.
22. **Prashantkumar Patel** Some Approximation Properties of Modified Szasz-Mirakjan-Baskakov Operators, 24th International, Conference on Finite or Infinite Dimensional Complex Analysis and Applications, Anand, International College 22-26, August, 2016 of Engineering, Jaipur.
23. **Prashantkumar Patel** The Certain Summation Integral type Operators and its Inverse Theorem, International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), Jaipur National University, Jaipur, 17-19, March, 2016
24. **Prashantkumar Patel**, Asymptotic formula for quantum derivative of integral generalization of Bernstein operators based on q -integer, National Seminar on Functional Analy-

- sis & Harmonic Analysis, Department of Mathematics, Sardar Patel University, V.V. Nagar, 16-18, January 2017
25. **Profaina Christian.**, The 1st Asia-Pacific conference of Rajasthan Psychology Academy at Department of Psychological University of Rajasthan, Jaipur on 01-02 Mar 2016. Titled: “”. Spirituality: a way of improving psychological well being
 26. **Rajesh Iyer** The IASTA conference held at PRL between 8th Dec., 2016 and ISRO, Ahmedabad on 16th Dec., 2016
 27. **Sanjay Patel** Analysis of Uniformly and Normally distributed exchange rate risk in news vendor fame work under additive demand error. **International Conference- ICCMS at Banashtahli Uni Rajasthan**, 24-26, January, 2017
 28. **Sanjay Patel** Effect of Uniformly and Normally distributed exchange rate error in foreign exchange transaction exposure under isoelastic demand. International Conference- IMSCT at Manipal Uni Rajasthan, 22-24, December, 2016
 29. **Sanjeev Gupta.**, 31st National Convention of IAPT and Symposium on "Excellence in Research", 20-22 OCTOBER 2016, at Kadi Sarva Vishwavidyalaya, Gandhinagar - 382015.
 30. **Sanjeev Gupta.**, participated and presented six research paper in 61th DAE Solid State Physics Symposium held at KIIT University, Bhubaneswar, Odisha, 25-30, December 2016.
 31. **Sebastian and Sudeshna Menon** presented a paper on ‘Making vision a reality: The experience of St. Xavier’s College, Ahmedabad’ in Christ University, Bangalore In May 2016
 32. **Shital Doshi.**, Comparative analysis of cytotoxic potential of crude extracts and fractionated isolates from *Moringa Oleifera* lam.; Presented poster at gujarat science congress, pdpu, on 4-5 feb, 2017.
 33. **Shital Doshi.**, Oral presentation at National Symposium on Current Research In Cancer Biology & Therapy” form 7-8 October 2016 at Indian institute of advanced research. Topic: Plant-based therapeutics: A novel anti-cancer agent identified.
 34. **Shraddha Bhatt.**, Ratio and regression-type estimation for PPS estimator in two-phase sampling, National Seminar on “Roll of Statistics in current scenario” Department of Statistics, Veer Narmad South Gujarat University, Surat.
 35. **Shraddha Bhatt.**, Ratio and regression-type estimation for PPS estimator in two-phase sampling., National Seminar on “Roll of Statistics in current scenario”., Department of Statistics, Veer Narmad South Gujarat University, Surat.
 36. **Steffi Mac**, “Depiction of Personal Power through Language in William Shakespeare’s *Macbeth*.” European Academic Research. Vol. III, Issue 12, Mar. 2016, ISSN 2286-4822.
 37. **Steffi Mac**, “Depiction of Physical Power in William Shakespeare’s *Macbeth*.” Virtuoso. Vol.V, No. 1 & 2, Feb. 2016, ISSN 2249-6076.
 38. **Steffi Mac**, “Relationship Between Public and Private Identities Depicted through Language in *Hamlet*.” International Conference organized by the Global Association of English Studies at Vallabh Vidyanagar on 4-5 February, 2016.

39. **Steffi Mac**, “William Shakespeare World Wide” “ The Uncoupling of Characters and Language in *Othello*. International seminar organized by the Department of English & Comparative Literary Studies at Saurashtra University on 4-6 February, 2017.”
40. **Steffi Mac**, Uncoupling of character and language in *Othello*. Global Conference on Contemporary Research in English Studies; Global Perspectives. Presentation of paper; Relationship between Public and Private Identities Depicted through Language in *Hamlet*. International Seminar on Shakespeare.
41. **Swati Joshi**, “Encouraging Cross-Cultural Communication: The Gastro-Tourism Marketing Strategy of Gastrodiplomat ‘Masterchef Australia’”, at the 4th International Conference on Communication at MICA; 10-12 January, 2017.
42. **Swati Joshi**: Encouraging Cross-Cultural Communication: The Gastro-Tourism Marketing Strategy of Gastrodiplomat ‘MasterChef Australia’. International Conference on Communication.
43. **Vijaysinh Dhandhukiya** Attended a Faculty Development Program (FDP) in Economics held at Veer Narmad South Gujarat University (VNSGU) during 28 March to 2 April 2016.

Students

1. Alam Parmar., A comparative study internet usage and adjustment problems in school going Adol. Paper a research paper at national conference of psychology at Sorabji Barjorji Garda. Arts and P.K.Patel college of commerce, Navsari on 10th – 12th September – 2016.
2. Anjali Mewada SYBA ‘B’ presented paper at... the national conference at Mata Sundri College, Uni. Of Delhi General, well-being among the college students with regards to the stream of studies.
3. Anmol Mirani of SYBA ‘B’ presented paper at.... the national conference at Mata Sundri College, Uni. Of Delhi General well-being among college students with regards to stream of studies”.
4. Avani Patel, The effect of internet uses upon the distress level between male and female
5. Bhatt Meera., Comparative study of emotional intelligence a between widows and non widow women
6. Dhoriya Pradipkumar Comparative study of emotion al intelligence between physically challenged and normal students.
7. Hamida Rashid of SYBA ‘B’ presented paper at the national conference at Mata Sundri College, Uni. Of Delhi. “the effect of psychological well-being on the spiritual intelligence of college students of Arts faculty.
8. Hinal Prajapati The comparative study between joint and Nuclear family on Emotional intelligence
9. Jadav Leena K., A comparative study of emotional maturity – hostilities & day scholar girls
10. Jadav Leena., Yoga: An effective theory to reduced psychological distress
11. Kavisha N Shah., A comparative study of Internet addiction and study habit among

college going students

12. Komal Prajapati A comparative study or Psychological well-being of working and non-working women
13. Krishna Lavangwala, Jay Khemchandani, Jasmine Khairmohammed, Varsha Narayan. Avya Mathur, Krishna Soni, Priyal Bhatia and Pooja Shah attended “Inka” a literature festival organized by St. Xavier’s Jaipur on 12-13 November, 2016.
14. Mahima Thakkar of the SYBA ‘B’ presented paper at the national conference at Mata Sundri College, Uni. Of Delhi Emotional maturity among the professional and non-professional women”
15. Malay Modi., The comparative study of Emotional intelligence between orphan & normal children
16. Moksha Vaghela , Heredity as a major cause of Addiction. Present Research Paper at the 1st Asia Pacific Conference of Rajasthan Psychology Academy at Department of Psychology University of Rajasthan, Jaipur on March 1-2, 2016
17. Naresh Mobh., effectiveness social economics status on psychological well being
18. Nirja D. Thakkar of the SYBA ‘B’ presented paper at the national conference at Mata Sundri College, Uni. Of Delhi “Social adjustment of the college students with regards to the stream of study.
19. Nitin Vaghela , A comparative study of distress level between joint & nuclear family
20. Parmar Alam, A comparative study of Internet usage and adjustment problems in school going adolescence
21. Patel Jyoti S.A study of influence of social media on emotional maturity of college going study.
22. Priyal Bhatia stood first in “Slam Verse” competition at “Inka” Literature Festival organized by St. Xavier’s Jaipur on 12-13 November, 2016.
23. Rimmon Macwan of SYBA ‘B’ presented paper at the national conference at Mata Sundri College, Uni. Of Delhi the effect of PWB on spiritual intelligence of students”.
24. Riya Narsinh., of the SYBA ‘B’ div presented paper at the national conference at Mata Sundri College, Uni. Of Delhi Emotional maturity among the professional and non-professional women”.
25. Rutvi Bhavsar., A comparative study between high school and college going student regarding their study habits
26. UmmeSalma Bhanpurwala., The effects of Mass-Media on Psychological well being on mother’s who watch crime serial and who don’t
27. Virakti Shah., of SYBA ‘B’ presented paper the national conference at Mata Sundri College, Uni. Of Delhi titled as: Social adjustment of the college students with regard to the stream of studies.

Attending seminars

1. Steffi Mac & Saurabh Vaishnav, attended a workshop on “Teacher effectiveness under the Faculty development programme supported by UGC” organized by St. Xavier’s College, Ahmedabad on 7-8 October, 2016.

2. Amit Koshti attended international symposium on " computational Biotechnology and DNA Computing organized by GSBTM, DAY at DA-IIT, Gandhinagar on 26th November, 2016
3. Amit Koshti has actively participated RUSA sponsored short term course on " Advance in genetics diagnosis" at Department of zoology, BMTC And Genetics from 27th September to October 2016.
4. Atman Shah Attended a Faculty Development Program (FDP) in Economics held at Veer Narmad South Gujarat University (VNSGU) during 28 March to 2 April 2016.
5. Atul H Makwana Participated in a National Seminar on "Frontiers in Heterogeneous Catalysis" organized by Department of Chemistry, M S University Baroda, on 10 Dec 2017.
6. Atul H Makwana Participated in a state level one-day international interactive Seminar and workshop on "Cheminformatics in Organic and Pharmaceutical Chemistry" organized by LMCP Ahmedabad on 15 Dec 2016.
7. Atul H Makwana participated in XXXI Gujarat Science Congress 2017, organized by GSA at PDPU Gandhinagar on 4th and 5th Feb 2017.
8. Atul H Mawkana qualified second time for GSET exam conducted by M S University Baroda, Sept 2016.
9. Atul Makwana Attended a state level seminar on cheminformatics organised by LMCP Ahmedabad on 15 December
10. Atul Makwana attended national level seminar on heterogeneous catalysis at M.S. University, Baroda
11. Dweipayan Goswami and Ms. Sonal Thakur attended and participated in GIBION, on Jan 22, 2017 at CHARUSAT
12. Dweipayan Goswami and Zankruti Dholakia attended an Academia-Industry brainstorming session in GSBTM
13. Hetal Makwana has participated poster presentation in the National Seminar on Advancements in chemical Technology -An Indian Perspective organized by ISTAR and V.P. and R.P.T.P Science College Vallabh Vidhyanagar.
14. Lancelot D'Cruz., Attended a Workshop on "Reaffirming Mission, Vision and Goal" under the Faculty Development Programme supported by U.G.C and held at St Xavier's College (Autonomous), Ahmedabad on November 23, 2016.
15. Nandini Ghosh and our MSc students attended lectures by Nobel Laureates Venkat Ramakrishnan and Judi Younath in January 2017.
16. Nishi Parikh, Nidhi Patel, Hardik Koshti, Yash Gor Dushyant Singh, Neil Sheth UIAR Conference on Recent Progresses in Physical Sciences, IAR, Gandhinagar, State level
17. Sebastian and Dr.. Sudeshna Menon attended a NAAC sponsored National Workshop on 'Academic Audit, Principles and Practices' on 14 and 15 October 2016.
18. Sebastian attended a workshop on Quality in Higher Education organized by KCG and presented a paper.
19. Sudeshna Menon and Dweipayan Goswami participated in a training programme on Research Project writing organized by GSBTM in July 2016
20. Vijaysinh Dhandhukiya: International conference held at Mehsana

21. Zankruti Dholakia attended a workshop on molecular techniques at the School of Sciences, Gujarat University in September 2016

Students attending seminars

1. Eshan, Suhasini, Gargie, Prachi, Harshit, Chintan, Riya students of Economics department participated in Centre for Environmental Education on Climate change and Global warming.
2. Nishi Parikh, Hardik Koshti, Yash Gor, Dushyant Singh, Neil Sheth, Jeslin Jayrajan, Jyoti kumara., National Symposium on the Recent Advances and Future Trends of Chemical Technology, Department of Chemical Engineering, Nirma University, National level
3. Nishi Parikh, Nidhi patel "National Seminar on Advancement in Chemical Technology- An Indian Perspective" organized by Industrial Chemistry family of Charutar Vidhyamandal, Vallabh Vidhyanagar. National level

Attended Refresher/ orientation/ Seminars/ workshops but did not present papers

1. Anil Parmar (21-22,Nov.2016)– attended Two days Workshop on Teacher effectiveness under the faculty development programme supported by UGC, Org. by St.Xavier's College.
2. Arti Oza., Attended a workshop on "Hypnosis" conducted by P.D.M.H. foundation & LNC Mehta College at Ahmedabad on 10/07/2016.
3. Arti Oza., Attended the workshop on "Capacity Building Program" held at St.Christopher's College of Education, Chennai from 03/10/2016 to 07/10/2016
4. Atul Makwana Cheminformatics, LMCP Ahmedabad State level
5. Atul Makwana Heterogeneous catalysis at M.S. University, Baroda, National
6. Dr. U. M. Prajapati, Orientation program for teaching MSc program in Big Data Analytics conducted by Tata Consultancy Services at Indian Statistical Institute, Kolkata, National, 14-17 November, 2016
7. Ganguly N., attended Faculty Development Program conducted by KCG from 19th to 24th September 2016.
8. Khushnuma Banaji, Dr. Arefa Mansuri, Dr. Profaina Christian., UGC sponsored workshop on "Teacher Effectiveness Under The Faculty Development Program" held on 21st & 2nd November, 2016
9. Khushnuma Banaji, Dr. Profaina Christian, Dr. Arefa Mansuri & Dr. Arti Oza attended a workshop on "Reaffirming Mission, Vision & Goal" under the faculty development program supported by UGC on 23rd November, 2016.
10. P.U.Makwana (7,8 Oct. 2016) attended Two days Workshop on Teacher effectiveness under the faculty development programme supported by UGC,Org. by St.Xavier's College.

11. P.U.Makwana –attended state level seminar on Ideology of Ambedkar (Org. By Dept.of Social justice and human rights, Gujarat state SC/ST Adhyapak Mandal &GUATA.
12. P.U.Makwana, Fr. Vinayak Jadav &Anil Parmar – attended Workshop on Reaffirming Mission,,Vission and Goal under the faculty Development Programme ,supported by UGC (23-11 -16)
13. P.U.Makwana-attended International Workshop on Gujarati Dispota(RUSA Sponsored, Org.by UGC. HRDC Gujarat University held on 11-1-17)
14. Pranav M Trivedi and Dr.Devang R Pandya attended a National workshop on microteaching at Chennai
15. Pranav M Trivedi and Ms Disha Khetani attended a workshop on MSME by CII at Ahmedabad
16. Pranav Trivedi, Devang Pandya National Workshop on microteaching, Chennai
17. Pranav Trivedi, Dr. Devang Pandya, Dr. Uma H National Symposium on the Recent Advances and Future Trends of Chemical Technology, Department of Chemical Engineering, Nirma University, Iner national
18. Pranav Trivedi, Prof. Deesha Khetani Workshop on MSME, CII, Ahmedabad
19. **Prashantkumar Patel**, Capacity Building Programme, St. Christopher's College of Education, funded by United Board for Christain Higher Education in Asia, International, 17-21 October 2016
20. **Prashantkumar Patel**, National Centre for Mathematics Instructional School for Teachers on "Fourier Analysis" Bhaskaracharya Pratishthana, Pune, National, 14-26 November 2016.
21. **Prashantkumar Patel**, National Centre of Mathematics Advanced Instructional School on Matrix Analysis, Shiv Nadar University, Noida, National, 02-21 May 2016
22. **Prashantkumar Patel**, Teacher Effective under the Faculty development programme supported by UGC, State, 7 & 8 October 2016
23. Rajesh Iyer, Dr Urvi Chhaya, Dr Anita Sharma, Dr Clement and Dr Sailesh participated in a workshop organised by ISRO.
24. **Vijaysinh Dhandhukiya**: International level Capacity Building Programme at St. Christopher's College of Education, Chennai, India

Attended Seminars/ workshops but did not present papers

Students

1. Abhishek Pipaliya, Yug Jadav, Sarangi Kothari, Achal Patel, Dibyashree Patra, Khyati Bhatt, Nidhi, National Symposium on the Recent Advances and Future Trends of Chemical Technology, Department of Chemical Engineering, Nirma University National
2. Ahir Pooja Bhagvanbhai, Chaudhari Ashish Hiralal, Gamit Lowrence Vinubhai, Kirti Amrutbhai Koradiya, Om Trivedi, Hitakshi Thakkar attended Hypnosis Workshop
3. Anoshi Patel, Riva Padiya, Boman Doctor, Panch Sanchita, Priyamvada Rathaur, Darshit Thakkar, Hrimkar Buch and Drashti attended and participated in GIBION, on Jan 22, 2017 at CHARUSAT

4. Chaudhari Ashish Hiralal, Kirti Amrutbhai Koradiya, Christian Jignesh Prakashbhai, Pasawal Yakshi Hemantbhai, Madhu Aneri Anil, Raval Hiral, Om Trivedi, Chhaya Lulla,
5. Desai Heenaben Malajibhai, Rabari Reshma Bhanaram, Kachrajiwala Saniya Salimbhai, Solanki Sonal Natvarbhai attended Counselling Skills
6. Desai Heenaben Malajibhai, Rabari Reshma Bhanaram, Kachrajiwala Saniya Salimbhai, Solanki Sonal Natvarbhai, Kirti Amrutbhai Koradiya, Shirin Shaikh
7. Dhruv Bhasin, Mathematics Training and Talent Search Programme-2016 at Shiv Nadar University, Noida. National, 29 May – 24 June, 2016
8. Dhruv Bhasin, Shweta Gohil, Misbah, Munazza Payawala, Nidhi Chauhan, Pooja Joshi, Rashmi Dunia, Nandini Vinchhi, Manali, Harsh Kothari, Shubhanshi Gupta, 3rd Workshop on Problem Solving and Enrichment in Mathematics, SXCA, state level, 27-30 December, 2016
9. Eshan, Shourya, Vishakha, Chintan, Anushka Nahata, Suhasini, Vironica Babbar represented and won at the national level ecofest at St. Xavier's College, Jaipur, Rajasthan.
10. Gamit Krina, Hemant Gangurde, Gavit Divya, Gaurav B Gain attended an 100-hour TCS Training Workshop held in January- February 2016.
11. Harsh Kothari, Mathematics Training and Talent Search Programme-2017 at Mysore, National, 22 May-17 June, 2017 (selected)
12. Jyoti Patel, Bhavika Panchal, Alam Parmar, Successfully completed research work in UG Level
13. Jyoti Patel, Kavisha Shah, Attended national level workshop on 'Psychology of Human Sexuality' held by department of psychology, Gujarat University on 27th Feb, 2016.
14. Malay Modi and Meera Bhatt Got the training in the B.M.Institution (Dec-April 2016)
15. Patel Jyoti, Bhavsar Rutvi, Jadav Leena, Rabari Parth, Vaghela Nitin, Patel Avani, Nirali attended UGC sponsored national seminar on 'Stress and Health' held at Smt. R.R.H.Patel Mahila Arts College, Vijapur at 23-24 July 2016.
16. Pooja Joshi, Mathematics Training and Talent Search Programme-2017 at Mysore, National, 29 May-24 June, 2017 (selected)
17. Priyanka Aroda, Mathematics Training and Talent Search Programme-2017 at Mysore, National, 29 May-24 June, 2017 (selected)
18. Rashmi Dunia, Mathematics Training and Talent Search Programme-2017 at Mysore, National, 22 May-17 June, 2017 (selected),
19. Rutvi Bhavsar, Kavisha Shah, Leena Jadav, Bansari Mehta, Trivedi Om P. attended state level workshop on 'How to prepare a good research paper' jointly organized by Psychological development & mental health foundation, Smt. L.C.Mehta Arts College on 3rd July 2016.
20. Yasmin Pathan, Anjali Priyadarshi, Sangita Thakor, Pinal Kotval, Siksha Thakkar, Jyoti Patel, Rutvi Bhavsar attended 1st Asia-Pacific conference of Rajasthan Psychology Academy at Department of Psychology, University of Rajasthan, Jaipur March 1-2, 2016.