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ગુજરાત યુનિવર્સિટીનું મુખપત્ર

# વિદ્યાવૃત્ત

VIDYAVRUT - A NEWS LETTER OF GUJARAT UNIVERSITY



## GUJARAT UNIVERSITY

ESTD. 1949

## ‘વિદ્યાવૃત્ત’

‘વિદ્યાવૃત્ત’નું વાર્ષિક લવાજમ સંસ્થાઓ માટે રૂ. ૧૦૦/- તથા વ્યક્તિગત રીતે રૂ. ૬૦/- છે. લવાજમ ‘રજિસ્ટ્રાર, ગુજરાત યુનિવર્સિટી’ના નામથી ડી.ડી.થી અથવા યુનિવર્સિટી કેશ કાઉન્ટર પર રોકડેથી ભરી શકાશે. ચેક/એમ.ઓ. સ્વીકારાશે નહીં. કૉલેજો, અધ્યાપકો અને વિદ્યાર્થીઓને લવાજમ ભરી ગ્રાહક થવા અનુરોધ છે. લવાજમ જાન્યુઆરીથી ડિસેમ્બર સુધીના વર્ષ માટેનું ગણાશે. વર્ષ દરમ્યાન સભ્ય થનારને વિદ્યાવૃત્તનાં અગાઉના અંકો પ્રકાશન વિભાગમાં ઉપલબ્ધ હશે તો આપવામાં આવશે. વિદ્યાવૃત્ત અંગેની માહિતી મુખ્ય સંપાદક અથવા સંપાદક મંડળના અન્ય સભ્યોને મોકલી શકાય છે.

## ‘વિદ્યા’

ગુજરાત યુનિ.ના સંશોધન સામયિક ‘વિદ્યા’ના અંકો પ્રતિવર્ષ ૧૫ માર્ચ અને ૧૫ સપ્ટેમ્બરના રોજ પ્રગટ થશે. તેનું વાર્ષિક લવાજમ સંસ્થાઓ માટે રૂ. ૧૫૦/- તથા વ્યક્તિગત રીતે રૂ. ૧૦૦/- છે. તે પણ ડી.ડી.થી કે રોકડેથી ભરી શકાશે. છૂટક નકલ યુનિ.ના કન્ઝ્યુમર્સ સ્ટોર્સમાંથી રૂ. ૭૫/-માં મળી શકશે.

‘વિદ્યા’ અને ‘વિદ્યાવૃત્ત’નું સંપાદકીય પત્રવ્યવહારનું સરનામું નીચે મુજબ છે :

મુખ્ય સંપાદક :

ડૉ. મિનુ સરાફ

સમાજવિદ્યા ભવન બિલ્ડિંગ, ગુજરાત યુનિ. કેમ્પસ,  
અમદાવાદ ૩૮૦ ૦૦૮.

ફોન : (કાર્યાલય) ૨૬૩૦૦૬૭૧ Email : vidyavrut@gmail.com

લવાજમ તથા અંકો અંગેની માહિતી માટે પ્રકાશન અધિકારી શ્રી કે. ડી. વોરાનો સંપર્ક સાધવો.

ફોન : 26300671 Email : vidya\_gujuni@gmail.com

(For Internal circulation within Gujarat University)

Book-post  
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પ્રતિ શ્રી \_\_\_\_\_  
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## From The Editors Desk



It is indeed a pleasure and privilege to be the Chief Editor of Vidyavrut, to be a part of the remarkable network of students, faculty, staff, and administrators enthusiastic and committed to accomplish a better future.

The purpose of the newsletter is to share with the university academic community the accomplishments of our faculty in publication of books, chapters, and journal articles, conferences, events, presentations exhibits and invited lectures during the previous quarter. In the successive page of Vidyavrut the colorful events came alive and also a record of our academic activities and aspiration.

My editorial team and myself, expect that this newsletter will evolve as we gain more experience in preparing it. We welcome your comments, ideas, and participation.

**Prof. (Dr.) Meenu Saraf**

***"The ones who are crazy enough  
To think they can change the world,  
Are the ones who do"***

**– Steve Jobs**



# ભવનોની ગતિવિધિ

## Seminar: Herbs N Health 2015 (HNH 2015)



A one day **Seminar on Herbs N Health 2015 (HNH 2015)** was organized by Gujarat University Botanical Society (GUBS), Women Development Cell (WDC), Internal Complaint Cell (ICC) in collaboration with Gujarat Medicinal Plant Board and Shashwat at Department of Botany, Gujarat University, Ahmedabad on Friday, 10<sup>th</sup> July, 2015. The programme was aimed to promote herbal medicine, naturopathy, yoga and ayurveda among city residents and to nurture medicinal plants at home. Dr. M. N. Patel, Honorable Vice Chancellor, Gujarat University alongwith Shri B.N.Patel, Technical expert from Gujarat Medicinal plant Board (GMPB) inaugurated the seminar and blessed the event. Inaugurating the seminar, Honourable Vice Chancellor, Dr. M. N. Patel emphasized the urgent need of taking care of our health. Ms. Saswati Chandra, President - Shashwat, very effectively introduced the seminar objectives. Prof. Savita Gandhi, Chairperson-WDC and Head- Department of Computer Science and Prof. Rajshri Bhatt, Chairperson-ICC and Head- Department of Statistics blessed the participants. The first Technical session was conducted by Shri B.N.Patel from GMPB who highlighted the activities of GMPB. The second technical session was conducted by Prof. Minoo Parabia, appropriately titled as Dadima –nuskha, the session generated a lot of interest

among the participants. Alongside there were free health checkups arranged by GMPB and Shashwat group for everyone. In these checkups, ayurvedic doctors gave free counselling to the participants for their health related issues. The third technical session was conducted by Dr. Hemant Joshi, District Ayurved Officer. Dr. Joshi emphasized the need of relooking at our changing lifestyles and illustrated the amalgamation of Ayurveda in it. The traditional Lunch was not only sumptuous but also healthy and all the participants really enjoyed the PalakParatha, Soya corn in punjabi gravy, fry dal and Kodri Pulao. This was accompanied with coconut khajurjaggery sweet and fresh green salad. The next technical session was conducted by Dr. Birju Acharya, Director, Yog Vedic Village. Dr. Acharya focused on the significance of yoga and reinforced the health benefits of a balanced life free of stress with the practice of yoga. Prof .L.B.Singh from Ayurved Mahavidyalaya, in the fifth technical session gave a descriptive account of important medicinal plants. The sixth session was taken by Dr. Lancelot D'cruz, St. Xavier's College. The participants appreciated the functions of Gujarat Medicinal Plant Board and Shashwat and had hands on learning experience of making pain balm among other medical formulations in the last concluding session.



**National Seminar : Integrating Climate, Energy Transformations and Youth (ICE TRAY 2015)**



**Energy Van**



**Oral Presentations**



**Prize Distribution**



**Shri Ajay Shah-Drushta Consultant**

The National Seminar **Integrating Climate, Energy Transformations and Youth (ICE TRAY 2015)** was organized in February 2015. The event was sponsored by GUJCOST and GEDA .The inauguration of the seminar was done by Prof. S. R. Dave, Director- University School of Sciences. Dr. Gopi Chandran from Vigyan Prasar, New Delhi was the keynote speaker. After a quick registration and tea break the technical sessions started. There were invited speakers from Government, Academic fraternity as well as from Industry. The experts from GEDA,



**Mr. Varun Yadav-ICES-EE**

Shri A. K. Chauhan illustrated the significance of alternative energy as against fossil fuels for large scale commercial utilization and for a better environment. GEDA had also parked their energy van which demonstrated energy conservation through modification of our environment. Mr. Bharat Patel, from Dynamic consultants made a very informative presentation on energy audit. Mr. Japen Gor explained the need for energy transformations in a sustainable manner. Mr. Snehal Desai from Adani Industries gave the industry's perspective

and challenges therein. The evening witnessed an effective panel discussion by Mr. Shwetal Shah, Technical Advisor from Climate Change department, Government of Gujarat. The second day began with Presentation by Mr. Ajay Shah from Drushta Energy Consultants which was followed by a very effective interactive session by Dr. Bharat Patel, Bharat Biogas. Dr. Patel sensitized the gathering



**Team ICETRAY 2015**

towards the dynamics of biogas –its production and utilization. There was also a presentation from Suzlon Industry by Ms.Minati Patel, highlighting the evolution of wind farms

and economizing the energy transformation using wind energy. The participants also made nice oral and poster presentations before lunch. Mr. Manoj Banerjee from Oreva Industry and Mr. Varun Yadav from Integrated Consulting and Engineering Services effectively presented the significance of energy efficiency in construction activities. The valedictory function was organized and cash prizes and certificates were given to the winners.



**Poster Presentations**



**Prize Distribution**



**Dr. Bharat Patel-Samved Hospital**

## National Conference: Microbial Biotechnology: Clustering Research and Industrial demand(20/21 February 2016)

The National Conference On Microbial Biotechnology: Clustering Research and Industrial demand was held at Department of Microbiology and Biotechnology, Gujarat University, Ahmedabad on February 20-21, 2016. Conference had brought together the academia and industry on common platforms to exchange knowledge, experience and research innovations to build a biotechnology community. This exchange of exploratory thoughts for welfare of society had encouraged young researchers, post-doctoral fellows, students and industrialists to explore their knowledge for commercial uses and exploitation of microbial biotechnology.

The conference themes includes Microbial technology, Food and Process Microbial technology, Current Scenario in Industrial Microbial technology, Microbial technology in Health care and Microbial technology in Agriculture

The Conference was Inaugurated Hon. Vice Chancellor, Dr. M. N Patel, Gujarat University, followed speech by Guest of honour, Mr. G. V Shankar, Advisor, University of Saskatchewan, Canada and Advisor and senior consultant premier office York University, Toronto, Canada on the topic of "Indo Canadian opportunities in the Science and Technology sector" Key note speech on Microbial Inoculant Preparation: commercialization and Future Strategies was addressed by Dr D.K Maheshwari (Prof and Head, Ex. Dean, Faculty of Life Sciences Department of Botany and Microbiology Gurukul University Haridwar).

The technical session lecture was initiated by Mr. Amit Shinde (KF Bioplants Pvt.Ltd, Pune) on Agar Degradation: Small step towards Green Planet. Other lecture in technical session includes by Dr. Datta Madamwar, Professor and Dean,

Faculty of Sciences, PG Dept. of Biosciences, S.P. University, V.V Nagar, on Bacterial community structure analysis following molecular approaches to assess ecological impact of pollution, Dr. G. Naresh Kumar, Professor, Dept. of Biochemistry, M.S. University, Vadodara, on Emerging trends in exploiting gut microflora and probiotics for human health and Dr. S.P Singh, Professor and HOD, Dept. of Biosciences, Saurashtra University Rajkot on Diversity and enzymatic potential of haloalkalophilic and thermophilic *actinobacteria*.

The second day of Conference started with Panel Discussion by Dr. Bhagirath Patel, mainly focussing on Biopharmaceutical Research - Applications to Industry, the Expert in the panel were, Dr Nirav Gandhi (CEO, Accutest Research Pvt. Ltd), Mr. Jaymin Vasa (Chairman, Vasa group of companies) and Mr. Sunil Shah (Chairman, Gujarat Innovation Society)

The conference was a huge success with 200 registered participants, including 60 Poster Presentations under different themes and 7 Oral presentations. The student society- **MiBit** Society, comprising of Student community of Microbiologists and Biotechnologists was inaugurated simultaneously with the conference. The aim of the MiBit society will be to encourage not only curricular activities but also co-curricular and extra-curricular activities. The office bearers of the society were elected, Patron: Head of the Dept. Prof Meenu Saraf, Teacher in-charge Dr. KiranSinh Rajput, President Dehin Bhagat Ph.D. Scholar, Vice-President Rupal Shah Ph.D. Scholar, Secretary Arpit Shukla and Vishwa Shah M.Sc. Semester-III student each from Microbiology and Biotechnology. Joint Secretary Yatin Raval and Vikas Parmar Semester-I student each from Microbiology and Biotechnology Dept.



## SCIENCE EXCELLENCE(26<sup>th</sup> September 2015)



**Science Excellence 2015** (SCIXL 2015), the 6<sup>th</sup> Science Excellence was held on Saturday, 26<sup>th</sup> September-2015. The excitement and enthusiasm of the participants who came from all over Gujarat was palpable. A quick registration was followed by a very warm Inaugural function. Dr. Narottam Sahoo, Member Secretary-GUJCOST, was the Chief Guest. Our Honourable Vice Chancellor, Dr. M. N. Patel, Director-USSC, Prof. M. V. Rao and Secretary General SCIXL 2015, Dr. Archana Mankad were the dignitaries on the dais. Dr. Archana Mankad gave a brief overview of the event.

In his Inaugural speech, Dr. Narottam Sahoo expressed appreciation and congratulated the organizers for bringing the universities, colleges and research institutes from all over Gujarat under one umbrella! He conveyed his best wishes and also shared his precious words of wisdom, much to the delight of one and all present. Dr. Sahoo also announced special prizes for the winners of the research category – Oral presentations. Our Honourable Vice Chancellor, Dr. M. N. Patel enthralled the gathering with his motivating and highly inspirational speech. Dr. M. V. Rao congratulated the organizers and conveyed best wishes to the participants during his very motivational address. Dr. Hitesh Solanki had the important task of thanks-giving at the end of the

function. Dr. Hitesh Solanki and Dr. Himanshu Pandya coordinated the whole programme with a big band of student volunteers who were quite excited in their coloured badges. Dr. Himanshu Pandya along with Dr. Hitesh Solanki made tremendous efforts in arrangements for a lovely Food Plaza and trendy registration kit.

Science Excellence has always witnessed participation from almost all universities of the state. This year too, the number of participants was more than 1000 who represented Gujarat University, Bhavnagar University, Veer Narmad South Gujarat University, Hemchandracharya North Gujarat University, Sardar Patel University, Maharaja Sayajirao University, Kachchh University, Saurashtra University, Nirma University, Pandit Deendayal Petroleum University, affiliated colleges and several research institutes. Like last time, this year too, the basic format had been modified to allow young teachers to present their research findings and compete for the coveted prizes. This was welcomed by one and all.

The much awaited Technical sessions took off on a high note with the participants battling it out for the coveted prizes in oral and poster presentations at four levels Undergraduate / Postgraduate / Research / Faculty in 20 subjects. The chill of the morning was just right for breaking the night fast with the hot methi gota and the cup of Tea and Coffee! The sumptuous lunch and the

crunchy cookies along with tea and coffee in the evening was appreciated by all. The Valedictory function was almost as scheduled. The students thronged in large numbers and hurriedly occupied seats to look eagerly for the announcement of results. The Judges from various Universities and colleges were given Mementos for their commendable task throughout the day! The Prize distribution was the main event and pleased one and all since almost all colleges, universities, research institutes and departments received their share of applause!

The day ended with a sense of accomplishment and a feeling of pleasure that all is well!

Dr. Archana Mankad  
Head, Department of Botany  
Gujarat University  
Ahmedabad - 380 009



### Awardees Of Ph.D. Degree

- Dr. Shamina A. Ansari, Assistant Professor at K. S. School of Business Management, Gujarat University has been awarded the Doctorate Degree on 29/04/2016. She has done Ph. D. on the topic "Perspectives of Work Life Balance and Mapping of Individual Perception and Organizational Strategies to Strike a Balance Between Work and Life of Married Working Women", under the guidance of Dr. Anjali Gokhru. Heartily congratulations to her for this achievement

- Dr. Maulik R. Desai, Assistant Professor at K. S. School of Business Management, Gujarat University has been awarded the Doctorate Degree on 29/04/2016. He has done Ph. D. on the topic "The Influence of Various Parameters of Mid Segment Cars on Customers' Satisfaction: A Study with Special Reference to Gujarat State", under the guidance of Dr. Anjali Gokhru. Heartily congratulations to him for this achievement.

- Dr. Ismail A. Bootwala, Assistant Professor at K. S. School of Business Management, Gujarat University has been awarded the Doctorate

Degree on 29/04/2016. He has done Ph. D. on the topic "Financial Inclusion in India – Extension of Banking Services: Challenges, Strategies and their Impact – A Study with Special Reference to Gujarat State", under the guidance of Dr. Anjali Gokhru. Heartily congratulations to him for this achievement.

- Heartiest Congratulations to Ms. Hiral Parikh on successfully completing Doctorate of Philosophy in Commerce (Accountancy) under the guidance of Dr. H. S. Oza, Ex-Director & Professor, S. D. School of Commerce, Gujarat University, Ahmedabad. The topic entitled "Development of Insurance sector in India - An Indepth study of Financial Performance of LIC of India"



### Bike Road Trip

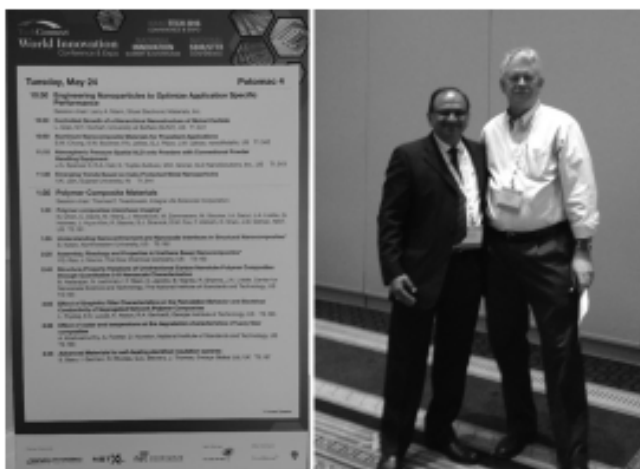


Anjali Joshi from K.S. School of Business Management and other bikers went for adventurous bike trip from Ahmedabad to Leh – Ladakh. In those 19 days journey they had driven 4852 kms and have covered Ambala, Shimla, Nako, Kaza, Bata, Sarchu, Tanglongla, Khardungla, Leh, Numbra, Pangong Lake, Spiti Valley, Drass, Kargil, Jipsa, Pathankot. They have seen monastery like Nako, Tabo, Dhankar, Key and Kibber, Thiksey, Hemis which are seven world famous monasteries. They have crossed Pass Tanglangla and Khardungala and Kunjumala. Khardungla is world's highest motorable road and its altitude is 18380 feet whereas Tanglangla is the world's second highest pass. Hearty congratulation to her. K. S. School of Business Management and Gujarat University is proud of her courage.





## Report of the Conference: Tech Connect World Innovation Conference & Expo at Washington, D.C., U.S.A. (22/25 May, 2016)

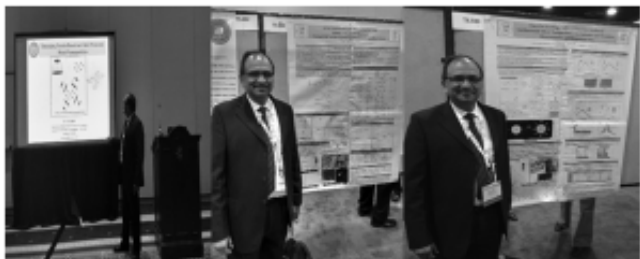


Programme schedule showing the lecture of Prof. V.K.Jain and Prof. V.K.Jain with the chairperson of the session: Mr. Larry A. Mann

The work done by Chemistry Department of Gujarat University on Supramolecular and Nanoscience is greatly acknowledged and appreciated world wide. Prof. V.K. Jain on behalf of Gujarat University delivered a lecture and presented two posters in TechConnect World Innovation Conference and Expo, held during May 22-25, 2016, at the Gaylord National Resort and Convention Center, National Harbor, Washington, D.C., U.S.A.

**Web Link of the conference:** <http://www.techconnectworld.com/World2016>

A total of 317 eminent speakers and symposium chairpersons from all over the world were invited in the TechConnect World Innovation Event to allocate their knowledge. The technical sessions were divided into 39 major divisions.



Prof. V.K.Jain delivering his lecture, Prof. V.K.Jain with poster on palladium nanoparticles and silver nanoparticles

The conference had also organized a workshops that educated participants in a range of technologies and impacted industries through a One-Day Intensive Program. The workshop includes technical, venture, Expo, showcase, agency program, SBIR program, and expo areas May 22-25.

### **Brief summary of the lecture and two posters delivered by Prof. V.K.Jain:**

**Lecture entitled** "Emerging Trends Based on Calix Protected Metal Nanoparticles"

**Lecture**                      **Weblink:** <http://www.techconnectworld.com/World2016/tuesday.html>

**Lecture chairperson:** Larry A. Mann, Shoei Electronic Materials, Inc. (bio)

**Lecture Timing:** 11.30 a.m. on Tuesday 24<sup>th</sup> May, 2016.

**Poster No.T5- 543** entitled "One-pot synthesis of Resorcinarene anchored Antibacterial Silver Nanoparticles for Selective and Sensitive determination of Chromium (III) "

**Vinod K. Jain, Urvi Panchal**

**Poster**                      **Weblink:** <http://www.techconnectworld.com/World2016/tuesday.html>

**Poster Session:** Nanoparticle synthesis and application

**Relevant Abstract :** Synthesis of highly stable, water dispersible fluorescent silver nanoparticles have been reported using tetra-methoxy resorcinarene tetra-hydrazide (TMRTH) as a reducing as well as a stabilizing agent. TMRTH-AgNPs are found to be highly stable for 120 days for varied pH and temperature. Fluorescence studies reveal TMRTH-AgNPs as turn-off fluorescent sensor for Cr(III) with a detection limit of 1 mM to 1  $\mu$ M. TMRTH-AgNPs also exhibit good antimicrobial activity.

**Poster No. T5- 683** entitled "Functionalized Pd Nanoparticles Using Calix[4]pyrrole: Catalytic Agent For Mizoroki Heck Reaction"

**Vinod K. Jain, Anita Kongor, Urvi Panchal**

**Poster Weblink:** [http://](http://www.techconnectworld.com/World2016/tuesday.html)

[www.techconnectworld.com/World2016/tuesday.html](http://www.techconnectworld.com/World2016/tuesday.html)

**Poster Session:** Nanomaterials for catalysis

**Poster Timing:** 4.00 p.m. at Expo Hall D and E during Poster Session I on Tuesday 24<sup>th</sup> May, 2016.

**Relevant Abstract:** A simple one-pot chemical reduction method using novel, tetrahydrazide derivative of calix[4]pyrrole (CPTH) for the

preparation of small sized palladium nanoparticles (CPTH-PdNPs) is described in this work. This novel nanocatalyst showed high catalytic performance for Mizoroki-Heck coupling reactions and could be reused five times without considerable loss in its catalytic activity. Also, the antibacterial nature of the nanoparticles suggests its utility in biological fields. We are further looking forward to explore this nanocatalyst in different reactions and their environmental applications.



## Seminar at Department of Applied Botany Center: Molecular Modeling & Medicinal Chemistry



**Inauguration : Lighting the lamp**



**Welcome by Dr. A. U. Mankad, Convener**

A one-day seminar on "Molecular Modeling & Medicinal Chemistry" was organized by Applied Botany Centre (ABC), Department of Botany, Gujarat University, Ahmedabad on 21<sup>st</sup> March 2015. The seminar was supported by Gujarat State Biotechnology Mission (GSBTM), Gujarat Council on Science and Technology (GUJCOST) and Gujarat University.

The day started with registration / kit

distribution, which was sponsored by Gujarat State Biotechnology Mission (GSBTM) and refreshments for all the guests and students. About 150 participants attended the seminar from many institutes and universities of Gujarat.

The inauguration ceremony included University song of Gujarat University, Lightening of the lamp and welcome of the guests with flowers and momentum. Dr. A. U. Mankad,



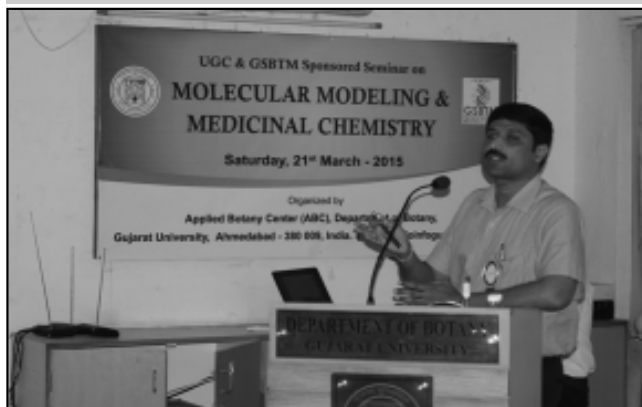
**Shri S. N. Tyagi IFS**



**Prof. M. V. Rao Director USSC**



**Key Notes by Dr. Evans C. Coutinho**



**Dr. Sairam Kalapatapu**

Convener, delivered an introductory speech and welcomed all the speakers as well as honourable guest and all the participants on behalf of department. She explained the objective of the seminar. Shri S. N. Tyagi and Prof. M. V. Rao blessed all the people through speech and shared their experience and all the consequences in the field.

The key note speech was delivered by Dr. Evans C. Coutinho, Professor and Head, Pharmaceutical Chemistry Department, Bombay College of Pharmacy, Mumbai. On "The Molecular Modeling Landscape". He explained the importance of Molecular Modeling to calculate variety of properties of molecule and to model non-existing molecule.

One of the invited speakers was Dr. Sairam Kalapatapu, Manager-CADD, Sun Pharma Advanced Research Company Ltd., Vadodara, Gujarat. He took up a case study "Targeted kinase inhibitors – A structure based perspective".

The other dignitaries present were Dr. Rakesh M. Rawal, Head, Division of Medicinal Chemistry and Pharmacogenomics, Gujarat Cancer and Research Institute, Ahmedabad, Dr. Kaid Johar S. R., Head, Research Division, Iladevi Cataract and Research Institute, Ahmedabad and Dr. Prakash C. Jha Assistant Professor & Coordinator for Centre for Applied Chemistry, School of Chemical Sciences, Central University of Gujarat, Gandhinagar.

The second session started with invited speaker Dr. Prakash C. Jha Assistant Professor & Coordinator for Centre for Applied Chemistry,



**Panel Discussion**

School of Chemical Sciences, Central University of Gujarat, Gandhinagar. He started his session with two interesting videos named "Chemical Party" and "The Computational Chemistry Movies" which was like quick refreshment for the students. After that he delivered a lecture on "Computer modeling approach to medicinal chemistry" in which he addressed molecular modeling as a computer game.



**Group Photograph**

Dr. Archana Mankad  
Department of Botany  
Gujarat University, Ahmedabad



### **Activities of University School of Law**

1. Professor (Dr.) Kaushik C. Raval ( Director, School of Law) was invited as a Guest of Honour at inauguration session of Refresher Course organized by Human Resource Development Centre, Himachal Pradesh University, Shimla, Himachal Pradesh and Delivered Two lectures on "**Law and Social Transformation**" on the

topics of " **Law and social relation: with special context to Crime against Women and Children**" on the date of 13<sup>th</sup> June,2016.

2. Professor (Dr.) Kaushik C. Raval (Director, School of Law) Delivered a lecture on **Right to Life**" at three day workshop on " **Designing programmes on Human Rights**" organized by, **Regional Academy of Broadcasting Multimedia, All India Radio & Doordarshan, (Prasar Bharti), at All India radio, Ahmedabad** on 28 July,2016.

3. Professor (Dr.) Kaushik C. Raval (Director, School of Law) Delivered key note address on the topics of " **Plea Bargaining, Victim witness Protection, Prosecution and Defence Council**" and Chaired a session at International seminar on " **Criminal Justice System in India: Need for Systemic Change**" Department of Law, Raksha Shakti University, at Karai police Academy, Gandhinagar on the 29<sup>th</sup> July,2016.



**Centre of Excellence  
School of Law, Gujarat University  
Orientation Programme of B.Com,  
LL.B**



The Orientation Programme for the First Batch, Centre of Excellence, School of Law Gujarat University for the students of Integrated Programme (Batch 2016) of B.Com., LL.B.(Hons.)

was held from 16th to July 2016. The inaugural ceremony commenced with the lighting of the lamp by a group of dignified persons - Prof. (Dr.) M.N Patel, Vice Chancellor of Gujarat University, Prof. (Dr.) Bharati Pathak, Director School of Commerce, Prof. (Dr.) K.C. Raval, Director School of Law. On this auspicious occasion University song also played.

Prof. (Dr.) S.P. Rathor offered a vote of thanks to all including Prof.(Dr.) M.N Patel, Vice Chancellor of Gujarat University without whom this event wouldn't have been possible. He thanked Prof. (Dr.) Bharati Pathak, Prof. (Dr.) K.C. Raval ,Prof. , Prof (Dr.) H.C. Sardar, Prof. (Dr.) Hemal Pandya, Dr. Prachi V. Motiyani ,Ms. Chetana Marwadi, , Ms. Rashami Gupta, Ms. Yugma Khanna , Ms. Hardee Raval and all the invited guests, for gracing the occasion by their solemn presence and to all the Students, Parents and guardians of the students who were the main ingredient of this Orientation Programme. He proposed special thanks to Estate department for providing plants for plantation.

In the end, Dr. Prachi V. Motiyani, Assistant Professor of School of Law, requested all the dignitaries, Students, Parents and guardians of the students for plantation with a view to reduce the effect of climate change for the contribution of Center of excellence toward Green Revolution.



**Activities at the Department of  
Mathematics**

1. Mr. JayeshVasava of Mathematics Department cleared the UGC NET/JRF.

2. Dr. Mahesh Yeolekar won the best Thesis Award (In Mathematics) from Gujarat Science Congress 2016 at Bhuj.

3. Bijal Yeolekar (Ph. D. student) won the first prize and Zalak Patel (Ph. D. student) won the second prize for the best Paper Presentation in the National Conference on Recent Trends in Applied Mathematics at Parul University, Baroda.

4. GUDMAA (Gujarat University Department of Mathematics Alumni Association) organized a cultural program -૧૩/૪°È (Diaro) on 27<sup>th</sup> September, 2015 at KCG Auditorium, Opp. Gujarat University.

More than 150 alumni attended the program followed by the dinner. Hon Vice Chancellor Dr. M. N. Patel and Former Registrar Dr. H. C. Patel graced the occasion.

5. The lectures under 'Prof. I. H. Sheth Mathematics Lecture Series' were given by Prof. S. J. Bhatt & Prof. A. B. Patel (S. P. University) on 4<sup>th</sup> September 2015.

6. The Website for the journal 'Mathematics Today' which is being published for more than last three decades through the Department, by the funds made available through PCVSNT (P. C. Vaidya Sanman Nidhi Trust) was launched by Prof. I. H. Sheth.

7. The 31<sup>st</sup> Volume of the Research Journal 'Mathematics Today' was published by active involvement of the members of the Department.

8. Three students completed their Ph.D. under the guidance of Prof.(Dr.) N. H. Shah. And

one student completed his M.Phil. Under the Guidance of Dr. N P Shrimali.

9. Prof. A. K. Desai is elected unanimously (December 2015) as a President of Gujarat Ganit Mandal (GGM) for the year 2016. GGM is a body having 1000+ life members, consisting of school teachers, college and university professors, bank officers, IT professionals and all those who have interest in Mathematics.

Late Prof. A. R. Rao (Centenarian), Late Prof. P. C. Vaidya, Rev. Father C. G. Valles, Prof. M. H. Vasavda, Prof. P. G. Mavlankar, Late Prof. C. G. Khatri and Late Prof. K. N. Shah are some of the renowned persons who have held this position in past

The next 53<sup>rd</sup> annual conference will be held on 23-24-25 December, 2016 at Ganpat University, Kherva, Mehsana under Prof. Desai's presidency. □

### Gujarat University Achievements



v Payal Rathva, member of the University Archery Team was selected to represent Indian University team at the World Universities Games held at Mongolia.

v Gujarat University **Women Table-Tennis Team** was **Winner** at the West Zone Inter University Championship 2015-16, held at TIT, Bhopal and participated at the All India Inter University held at TIT, Bhopal. Team players were Hely Shah, Vidhi Upadhaya, Shiney Gomes, Arpi Marjadi

v Gujarat University **Women Tennis Team** was **Winner** at the West Zone Inter University Championship 2015-16, held at IIS University, Jaipur and participated at the All India Inter University held at KIIT, Bhubneshwar. Team players were Vaibhavi Trivedi, Aayushree Bildhaiya,



Nandini Pandya, Naureen.

v At the All India Inter University Archery Tournament 2015-16, held at Pujnabi Uni. Patiala, Guj. University Women Recurve Team was at the 4<sup>th</sup> Position and the Men Recurve Team was at the 8<sup>th</sup> Position. Also in the Mix Team, the Uni. team was at the 4<sup>th</sup> Position. Players were Bhingabhai D'Bhil and Payal. The Recurve Women team was Payal, Bhavika, Dhara and Jayavanti. The Recurve Men team was Bhinga, Kamlesh,

v Gujarat University **Men Tennis Team** was **Winner** at the West Zone Inter University Championship 2015-16, held at D.A.V. Indore and participated at the All India Inter University held at Indore. The Team players Vikrant, Siddharth Nair, Pushparaj Purohit and Jaldeep.

## માણેકલાલ એમ. ગાંધી આર્ટ્સ એન્ડ કોમર્સ કોલેજ - કાલોલ

એમ. એમ. ગાંધી આર્ટ્સ-કોમર્સ કોલેજ-કાલોલ (જી. પંચમહાલ)ના ગુજરાતી સાહિત્યના વિદ્યાર્થીઓ દ્વારા તા. ૨૪-૮-૨૦૧૬ના રોજ 'વીર નર્મદની ૧૮૩ મી જન્મ જયંતિની ઉજવણી કરી હતી.

કાર્યક્રમની શરૂઆતમાં વીર નર્મદની તસ્વીરને પ્રો. ડૉ. કિશોર વ્યાસે પુષ્પગુચ્છ અર્પણ કર્યું હતું. સામાજિક સુધારો લાવવા નર્મદે આપેલું યોગદાન તથા સાહિત્યક્ષેત્રે તેમના પ્રદાનને વિવિધ રીતે વણી લઈને. પરીખ ગોપી, રાઠોડ સિમરન, ચૌહાણ કાજલ, રેખાબેન તથા પરમાર કેતને પોતાના અભ્યાસ પેપર રજુ કર્યા હતા. સૈયદ અંજુમ તથા સૈયદ રુક્સાદ એ નાટ્યકાર નર્મદ અને 'ડાંડિયો' વિષે ચૌહાણ ભગવતીબેને સમજૂતી આપી હતી. 'ગુજરાત' વિષયક કવિતાઓ વિષે રાણા અનિતાએ વિચારો રજુ કર્યા હતા. નર્મદ વિશેના વિવિધ સંદર્ભ ગ્રંથોના અભ્યાસ થકી વિદ્યાર્થીઓએ પેપર વાંચન કર્યું.

પ્રો. ડૉ. કિશોર વ્યાસે વિદ્યાર્થીઓની આવી ઉમદા પ્રવૃત્તિને સરાહીને, કહ્યું કે સાહિત્ય માર્ગદર્શન આપે છે. વાંચવાની ભલામણ સાથે આગળ જણાવ્યું કે, ભવિષ્ય તમારી રાહ જુએ છે. આવી તાલીમ જ તમને કશુંક નવું કરવા પ્રેરશે. સાથે નર્મદની પ્રેરક વાતોને પણ વણી લીધી હતી. પ્રો. કુસુમબેન ટંડેલ તથા પ્રો. એમ. કે. શાહ પણ નર્મદની પ્રતિબદ્ધતાને વક્તવ્યમાં પ્રગટ કરી હતી. કાર્યક્રમનું સંચાલન પારેખ કાજલબેને કર્યું હતું.

આચાર્ય

માણેકલાલ એમ. ગાંધી

આર્ટ્સ એન્ડ કોમર્સ કોલેજ કાલોલ

પંચમહાલ

## માણેકલાલ એમ. ગાંધી આર્ટ્સ એન્ડ કોમર્સ કોલેજ કાલોલ (પંચમહાલ)

એમ. એમ. ગાંધી આર્ટ્સ એન્ડ કોમર્સ કોલેજ કાલોલને વર્ષ ૨૦૧૬-૧૭થી નવરચિત ગોવિંદગુરુ યુનિવર્સિટી, ગોધરા દ્વારા ગુજરાતી અને સંસ્કૃત વિષયના અનુસ્નાતક કેન્દ્ર તરીકે માન્યતા આપવામાં આવી છે. આ અનુસ્નાતક કેન્દ્રના ઉદ્ઘાટનનો સમારોહ ઉલ્લાસપુર્ણ રીતે યોજવામાં આવ્યો.

પ્રો. એમ. એલ. ભરવાડ અને પ્રો. જે. બી. પરમારે તથા કુમારી નિધિબેને સુંદર પ્રાર્થનાથી કાર્યક્રમની શરૂઆત થઈ. શાબ્દિક આવકાર પ્રો. ડૉ. કિશોર વ્યાસે આપ્યો હતો.

ગોધરા કોલેજના ડૉ. રાજેશભાઈ વ્યાસ તથા ટ્રસ્ટી મંડળના મા. પ્રમુખશ્રી નરસિંહલાલ મો. શાહ, સેક્રેટરીમાં શ્રી જે. એસ. પટેલના વરાળ હસ્તે દીપ પ્રાગટ્ય થકી વિધિવત અનુસ્નાતક કેન્દ્રનો શુભારંભ કરવામાં આવ્યો. વિભાગીય અધ્યક્ષ પ્રો. ડૉ. એચ. એમ. ઠાકર તથા પ્રો. શ્રીમતી કુસુમબેન ટંડેલએ પ્રાસંગિક વક્તવ્ય આપ્યું હતું. શ્રી રાજેશભાઈ વ્યાસે જણાવ્યું હતું કે, 'આ સેન્ટર થકી વિદ્યાર્થીઓને ઘેર બેઠા અભ્યાસ કરવાની તક મળી છે, તેને ઝડપી લેવા અપીલ કરી હતી. કાર્યક્રમનું સંચાલન પ્રો. એમ. કે. શાહ તથા આભારવિધિ પ્રો. એમ. એલ. ભરવાડે કરી હતી.

આચાર્ય

માણેકલાલ એમ. ગાંધી

આર્ટ્સ એન્ડ કોમર્સ કોલેજ કાલોલ (પંચમહાલ)



## માણેકલાલ એમ. ગાંધી આર્ટ્સ એન્ડ કોમર્સ કોલેજ - કાલોલ

આઝાદી-૧૯૭૦ યાદ કરો કુરબાની - સ્વતંત્રતા પખવાડિયાનો કાર્યક્રમ

તારીખ	પ્રવૃત્તિનું નામ	વિદ્યાર્થીઓની સંખ્યા
૮-૮-૨૦૧૬	વૃક્ષારોપણ 'ઔષધીય ઉદ્યાન'	૬૦ વૃક્ષોનું વાવેતર ૨૦૦ વિદ્યાર્થીઓ-સ્ટાફ તથા મહેમાનોની હાજરી ૧૨૫ વિદ્યાર્થીઓ
૧૦-૮-૨૦૧૬	'આઝાદી દોડ'	૧૫ સ્પર્ધકો-૧૦૦ શ્રોતાઓ
૧૧-૮-૨૦૧૬	'દેશભક્તી ગીત સ્પર્ધા'	૧૫૦-બી.એ.બી.કોમ.ના
૧૨-૮-૨૦૧૬	'રાષ્ટ્રધ્વજ' અંગેની સમજૂતી પ્રો. જે. બી. પરમાર	સેમ-૧ના વિદ્યાર્થીઓ માટે
૧૩-૮-૨૦૧૬	'યાદ કરો કુરબાની' અંતર્ગત જનરલ નોલેજ પરીક્ષા	૭૨ વિદ્યાર્થીઓ ભાગ લીધો ૧થી ૫ નંબરને રોકડ ઈનામ આપવામાં આવ્યું.
૧૫-૮-૨૦૧૬	'સ્વતંત્ર દિનની ઉજવણી'	જેમાં રાષ્ટ્રધ્વજને સલામી દેશભક્તિના ગીત પાર સમૂહનૃત્ય ૩૦ વિદ્યાર્થીઓ, સ્ટાફ તથા મહેમાનો
૧૮-૮-૨૦૧૬	'આઝાદીના ઘડવૈયા' વિષે પ્રો. ડૉ. કીશોર વ્યાસ તથા પ્રો. ડૉ. રાજેશભાઈ પટેલનું વ્યાખ્યાન.	૨૦૦ વિદ્યાર્થીઓ
૨૦-૮-૨૦૧૬	ચંદ્રશેખર આઝાદ વિષે વ્યાખ્યાન	૧૫૦ વિદ્યાર્થીઓ
૨૨-૮-૨૦૧૬	પ્રો. ડૉ. નયનાબેન શાહ	
૨૩-૮-૨૦૧૬	સૂત્રલેખન પ્રોગ્રામ રાષ્ટ્રગીતોની હરીફાઈ તથા ૧૧-૦૦ ક્લાકે રાષ્ટ્રગીતનું સમૂહગાન	૫૦ વિદ્યાર્થીઓ ૧૫૦ વિદ્યાર્થીઓ

આચાર્ય

માણેકલાલ એમ. ગાંધી

આર્ટ્સ એન્ડ કોમર્સ કોલેજ કાલોલ (પંચમહાલ) □

## શ્રી જે. એલ. કે. કોટેયા આર્ટ્સ એન્ડ એસ. એચ. ગાર્ડી કોમર્સ કોલેજ, કાંકણપુર



ગુજરાત યુનિવર્સિટી દક્ષિણ વિભાગ-૧નો યુવક મહોત્સવ

તાજેતરમાં શ્રી કે. આર. દેસાઈ આર્ટ્સ-કોમર્સ કોલેજ, ઝાલોદ ખાતે યોજાઈ ગયો. જેમાં શ્રી જે. એલ. કે. કોટેયા આર્ટ્સ- કોમર્સ કોલેજ, કાંકણપુરની ટીમે લોકનૃત્ય સ્પર્ધામાં જવલંત વિજય પ્રાપ્ત કર્યો છે. આ લોકનૃત્યની સ્પર્ધામાં ગોહિલ રેખા, સોલંકી પારુલ પરમાર કોમલ, પરમાર ઈલા, પરમાર જલ્પા, પરમાર દક્ષા, બડોલે સપના, ગોહલ ભાવના, ચૌહાણ લક્ષ્મી અને પરમાર શિલ્પા એ ભાગ લીધો હતો. પ્રા. એસ. એસ. રબિયાણીયા અને પ્રા. ઉષાબેન પટેલે માર્ગદર્શન આપ્યું હતું. તમામ વિજેતા સ્પર્ધકોને કોલેજ પરિવાર અભિનંદન પાઠવે છે.

આચાર્ય

શ્રી જે. એલ. કે. કોટેયા આર્ટ્સ એન્ડ એસ. એચ. ગાર્ડી કોમર્સ કોલેજ,  
કાંકણપુર



## Highlight of the Department of Mathematics



1. Mr. Jayesh Vasava of Mathematics Department cleared the UGC NET/JRF.

2. Dr. Mahesh Yeolekar won the best Thesis Award (In Mathematics) from Gujarat Science Congress 2016 at Bhuj.

3. Bijal Yeolekar (Ph. D. student) won the first prize and Zalak Patel (Ph. D. student) won the second prize for the best Paper Presentation in the National Conference on Recent Trends in Applied Mathematics at Parul University, Baroda.



4. GUDMAA (Gujarat University Department of Mathematics Alumni Association) organized a cultural program - દિયારો (Diario) on 27th September, 2015 at KCG Auditorium, Opp. Gujarat University. More than 150 alumni attended the program followed by the dinner. Hon Vice Chancellor Dr. M. N. Patel and Former Registrar Dr. H. C. Patel graced the occasion.

5. The lectures under 'Prof. I. H. Sheth Mathematics Lecture Series' were given by prof. S. J. Bhatt & Prof. A. B. Patel (S. P. University) on 4th September 2015.

6. The Website for the journal 'Mathematics Today' which is being published for more than last three decades through the Department, by the funds made available through PCVSNT (P.C. Vaidya Sanman Nidhi Trust) was lanchd by Prof. I. H. Sheth.

7. The 31st Volume of the Research Journal 'Mathematics Today' was published by active involvement of the member of the Department.

8. Three students completed their Ph. D.

under the guidance of Prof. (Dr.) N. H. Shah And one student completed his M. Phil. Under the Guidance of Dr. N. P. Shrimali.

9. Prof. A. K. Desai is elected unanimously (December 2015) as a President of Gujarat Ganit Mandal (GGM) for the year 2016. GGM is a body having 1000+ life members, consisting of school teachers, college and university professors, bank officers, IT professionals and all those who have interest in Mathematics.

Late Prof. A. R. Rao (Centenarian), Late Prof. P. C. Vaidya, Rev. Father C. G. Valles, Prof. M. H. Vasavda, Prof. P. G. Mavlankar, Late Prof. C. G. Khatri and Late Prof. K. N. Shah are some of the renowned persons who have held this position in past.

The next 53rd annual conference will be held on 23-24-25 December, 2016 at Ganpat University, Kherva, Mehsana under Prof. Desai's president-ship.







**Farewell function of Prof. Makwana (Ex chief Editor of Vldya/Vidyavrut)**

