

GUBS ACTIVITIES 2018-2019

The Inauguration of Gujarat University Botanical Society was held on Friday, 3rd August 2018. It marks the beginning of the activities of GUBS. Honourable Vice Chancellor, Gujarat University, Prof. Himanshu Pandya was the Chief Guest and inaugurated the GUBS events for the year 2018-19. All faculty members and Visiting faculties were present along with many invited guests. The programme started with a recap of last year's events in the form of a video show. Dr. Archana Mankad welcomed all and gave a quick overview of GUBS activities. This year Dr. Saumya Patel as Professor- In- Charge would lead the students and coordinate various events. Dr. Saumya introduced the new **TEAM GUBS** and requested Pandya Sir to coronate the Office Bearers with badges. The incoming new students were also welcomed. The programme ended with Vote of Thanks by Secretary GUBS, Ms. Mansi. The Master of Ceremonies was Ms. Lovely Jain from Bioinformatics. Everyone enjoyed piping hot meals and the informal introduction followed with creative games and ice breaking session planned for the freshers by the seniors.



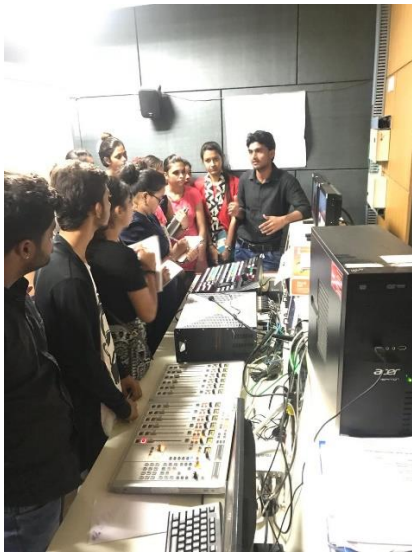




The students of Climate change visited Bhaskaracharya Institute for space applications and Geoinformatics (**BISAG**). It is situated on the outskirts of Gandhinagar and is a state of the art institute, being the center for geoinformatics application it focusses on R&D using remote sensing and data analysis. It generates data for the government, students and researchers. It also houses the famous educational studios where educational programmes for schools and colleges are recorded. The group was accompanied by Mr. Pathik Bhatt, Research

Scholar from Climate change. Dr. M. H.Kaluburne led the group through an informative presentation highlighting the activities of BISAG.It included awareness of remote sensing, geographic information system(GIS),Global Navigation Satellite System (GNSS). BISAG has been developing various kinds of software depending on the need of information and promotes training to young learners for the use of those software for social welfare. The various objectives of BISAG include-Visualization, Governance, Services, Developing and Planning, Decision making etc. Remote sensing has many applications not only in agriculture, forestry, climatology fisheries, coastal zone management etc but also in health, urban planning, landuse and degradation. The visit was planned to orient the semester III students towards the thrust areas of research so that they can identify their interest and pursue their dissertations in the next semester.



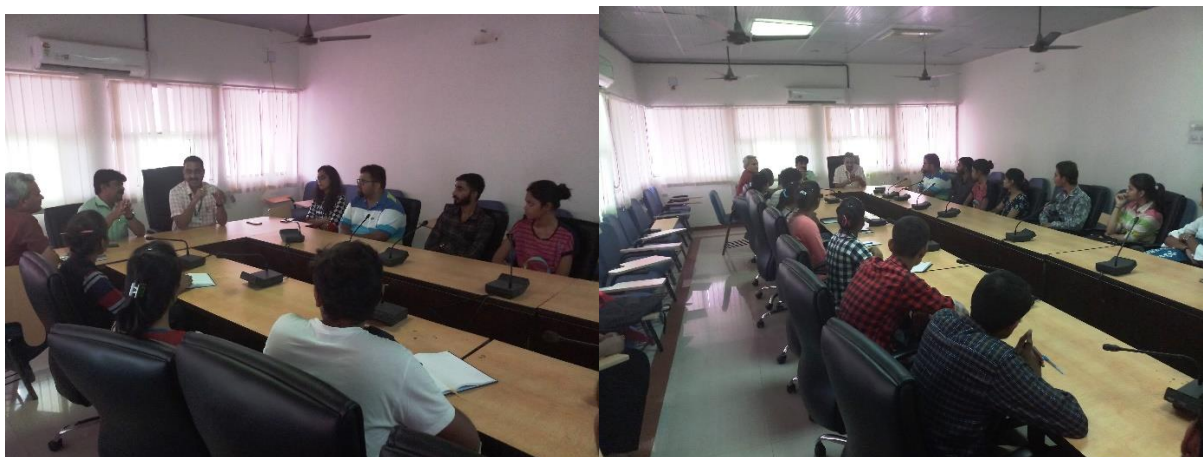




The students of Climate Change Impacts management visited **GERMI** in July 2018. The visit was coordinated by Dr. Kunal Shah at GERMI. The students got an opportunity to see the various projects underway at GERMI. Mr. Nirmal Desai and Mr. Pathik Bhatt accompanied the students. Gujarat Energy Research & Management Institute (GERMI) is a centre of excellence in industry learning and has set up to develop human resource assets to cater to the petroleum and allied energy sectors, improve knowledge base of policy makers and technologists and provide a competitive edge to leaders to compete in the global arena. GERMI promoted by Gujarat State Petroleum Corporation Ltd. (A Govt. of Gujarat Undertaking). GSPC is a fully integrated energy company having a presence in various operations like Exploration & Production, Transportation of Gas, and Power Generation, IT services. It is one of the fastest growing state owned companies and has excellent support from Gujarat Govt. as well as from Central Govt. For a nation that was one of the first to discover oil and which in the last couple of decades has become the fastest growing discoverer of fossil energy resources, India is also on the threshold to become one of the largest global markets. The need for a resource centre was anticipated to keep pace with the fast developing and competitive energy industry, to pace the future and to continuously build requisite intellectual capital and human resource capital. GERMI has already established a specialised technology & management

institute focusing on the Oil & Gas Sector and is actively pursuing initiatives in the areas of research and alternative energy resources.

The students of Climate Change Impacts management visited **GEMI** in July 2018. The visit was coordinated by Dr. Natasha Khatri at GEMI. The students got an opportunity to see the various state of the art labs used in environmental assessment at GEMI. Mr. Nirmal Desai and Mr. Pathik Bhatt accompanied the students. The group also visited **GPCB** with the help and guidance of Member Secretary, Shri K.B. Vaghela at GPCB. There the students got a unique opportunity to see the labs and projects going on at GPCB. Such visits generate interest among the students as they explore their subject in the real world and so appreciate its significance.





The students of Horticulture Science and Garden Management visited Hydroponics unit at ESSAR – Nandniketan, Surat. This is a novel unit set up by ESSAR illustrating women empowerment since all the tasks from production to marketing is allocated to women. They produce tomatoes and cucumbers with utmost care and precision under the supervision of expert horticulturists.





At surat, the group also got a chance to visit a famous bungalow which is demonstrates zero garbage.



Earlier in the day the students of horticulture science and garden management also visited Anand agricultural University and NRC-Medicinal plants at Boriyavi. Both the visits improved the understanding of various agrotechniques used in cultivation of plants. Horticulture science is a field based course and so whatever is delivered in class would always need field based supplementary learning for better understanding.



The Botany students visited Ayurvedic Garden at Gandhinagar. The garden houses medicinal plants and has an arboretum of medicinal trees. Shri Yogi and Mrs. Krishnaben guided the students there and explained various ways of cultivating the plants for optimum medicinal value. The students were accompanied by Dr. Bharat Maitreya and had a great learning experience. The Students alongwith Dr. Maitreya also visite GEER Foundation. They saw the arboretum, medicinal plants, grasses plot and the cactus house in the Botanical garden.They also got an opportunity to see the GEER Foundation labs and offices. Students can take up projects there with the support of the scientists there.





The members of GUBS celebrated Garba with the usual gusto. The event also provided an opportunity to members to showcase their creativity and compete for prizes in Aarti thali competitions. There were prizes for best dress, best dance and best couple to encourage the spirit of competition among the *khelaiyas*.





The members participated in an awareness programme on **Sexual Harassment at Workplace** organized by WDC-ICC with Stree Chetana, at the Senate Hall. The programme was inaugurated by **Hon. Smt. Vibhavariben Dave, Minister, Women & Child Development, Education (Primary and Higher Education) & Pilgrimage.**

The members participated in an Interactive Session on Stress management called *Don't Worry Be Happy* organized by WDC-ICC with Konnect Women Empowerment Circle (KWEC) , at the Senate Hall. The programme was inaugurated by **Honourable Smt. Bijalben Patel, Honourable Mayor, Ahmedabad Municipal Corporation.**

The members actively participated in an awareness cum interactive session on Career counselling by Gujarat University Placement Cell.

Selected students participated in a week long workshop on web page design at the Department.

The members enthusiastically participated in weekly activities which included fun games like Director's Choice, Quiz, Treasure Hunt.

The much awaited **FUN FIESTA** welcoming the year 2019 witnessed enthusiastic and creative participation by the members of GUBS. Each day had a different theme and a new challenge. The much awaited **FOOD FESTIVAL** was a big attraction and attracted many foodies. The students showcased their culinary skills and tried their hand on marketing their delicacies. The judges were happy to taste and decide who deserved to win the prizes.



The staff and students of the Department participated in the **Paryavaran Kumbh** at Varanasi. Prof. Bharat Maitreya led the group including students, Mr. Pathik Bhatt, Mr. Dhruv Pandya and Mr. Sanjay. They actively participated in the event and made their mark as participants from Gujarat University. They received certificates and mementoes from the organizers.



The students of Bioinformatics participated in a **workshop at IISER, Pune** and presented posters.



The students of Botany and Bioinformatics participated in the **International conference at L. M. College of Pharmacy, Ahmedabad**.

The students of Botany participated in the **workshop on Foldscope** at Sadra. Ms. Swati Jayswal, Kalpa Oza, Madhavi Singh actively participated in the workshop and benefitted by learning the making of a Foldscope. The students also were sensitized towards humble and simple living at the campus in Sadra.





The staff and research scholars took up the responsibility of career counselling also referred to as the **OUTREACH ACTIVITY** for the TY B Sc students in different Science colleges of Ahmedabad and Gandhinagar. There were presentations and/or orientation for Bioinformatics, Climate Change Impacts Management & Horticultural Science and Garden Management. The UG students

were also informed about the PG diploma courses and the advantages of being part of GUBS. Prof. Archana Mankad, Prof Bharat Maitreya, Dr. Saumya Patel took the lead and were accompanied by Mr. Nirmal Desai, Mr. Dhruv Pandya, Ms. Harshida Gadhavi, Mr. Naman Mangukia, Ms.Swati Jaiswal, Ms. Neha Jha, Mr. Pathik Bhatt, Ms. Pujan Pandya and Ms. Sanjukta Rajhans.





The annual function of GUBS was organized and was a fun filled event. The participants and winners of different activities received prizes and certificates. It also involved the announcement of GUBS awards.

GUBS AWARDS called as **GOLDEN PETAL AWARDS**, is our novel endeavour to acknowledge, appreciate and bring to limelight the best among the students of the department during the academic year. It is an initiative to generate interest and highlight the significance of wholehearted participation and commitment towards both curricular and co-curricular activities. A very creative memento and a very impressive certificate was specially designed by the creative team of the department. The different categories of **GOLDEN PETAL AWARDS** are **GOLDEN PETAL AWARD FOR ACADEMIC ACHIEVEMENT**- for the toppers in internal exams and all those who were awarded fellowships by UGC/DST and all those who win prizes in seminars / conferences at GUJARAT

UNIVERSITY, GOLDEN PETAL AWARD FOR EXCELLENCE- for the students who proactively and wholeheartedly displayed excellence during various events of the department, GOLDEN PETAL AWARD FOR THE RESEARCHER OF THE YEAR-for the excellent publications, and GOLDEN PETAL AWARD FOR OUTSTANDING ACHIEVEMENT-for all those who have won prizes during oral/poster presentations at seminars/ conferences outside Gujarat University and won prizes in state level competitions organized by other scientific organizations like Science Academy and made us proud as well as all those who have been conferred special appointments / fellowships or passed prestigious examinations. In addition to this we have GOLDEN PETAL AWARD FOR THE PRIDE OF THE DEPARTMENT for those who have MADE US PROUD BY THEIR ACHIEVEMENTS. The GOLDEN PETAL AWARDS for the year 2018-2019 are :

GOLDEN PETAL AWARD FOR ACADEMIC ACHIEVEMENT to CHIRAG PATEL , RASHMI YADAV, PUJAN PANDYA, NIRMAL DESAI, PATHIK BHATT, ALAY MEHTA, BHANU SOLANKI, RONAK GADHAVI, LOVELY JAIN, RIMA ZINZUWADIA , ARPITA RANA, YASHRAJ SINH JADEJA, KHUSHBU RAJPUT, KASHYAP PATEL, PARTH DESAI, MIHIR PRAJAPATI, KRISHNA DESAI, POOJA SHARMA, HARSHA MOTWANI, DOLIKA PATEL, SNIGDHA DIXIT, AARKI THAKOR, **GOLDEN PETAL AWARD FOR EXCELLENCE IN MANAGEMENT** to NIRMAL DESAI and JAHNAVI PANDYA, **GOLDEN PETAL AWARD FOR EXCELLENCE IN MENTORING** to DHARUV PANDYA, **GOLDEN PETAL AWARD FOR HAPPY TO HELP** to SANJUKTA RAJHANS, **GOLDEN PETAL AWARD FOR RESEARCHER OF THE YEAR** to SWETA TRIPATHI and PUJAN PANDYA, **GOLDEN PETAL AWARD FOR EXCELLENCE IN RESEARCH** to DR. MAULIK PATEL and CHIRAG PATEL, **GOLDEN**

PETAL AWARD FOR OUTSTANDING ACHIEVEMENT PARTH DESAI, HARSHA MOTWANI, SIMRAN KABANI, KRISHNA DESAI, SWETA PATEL , BINDI PATEL, RAHUL KATARA, SWETA TRIPATHI, HARMIT PATEL. **GOLDEN PETAL AWARD FOR PRIDE OF THE DEPARTMENT** for receiving Prime Minister’s Fellowship Scheme for Doctoral Research to **NAMAN MANGUKIA**, **GOLDEN PETAL AWARD FOR PRIDE OF THE DEPARTMENT** for receiving AACR Global Scholar-in-Training Award to **DR. SAUMYA PATEL**. **GOLDEN PETAL AWARD FOR FACULTY OF THE YEAR** to **PROF. HITESH SOLANKI**. **GOLDEN PETAL AWARD FOR ENTERPRISING LEADER OF THE YEAR TO PROF. HIMANSHU PANDYA.**









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