



Shri Gujarati Samaj, Indore
PMB Gujarati Science College
PERIHELION

Quarterly Newsletter
July-Aug-Sep 2014
Issue - 4



Shri Bharat Bhai Bavisi
 Chairman G.B.



From the Desk of Principal

This academic session has proven to be fruitful, with some notable feathers having been added to our cap. We have implemented successfully some decisions we had taken right at the onset of the new session. I take pleasure in announcing two positive initiatives that we have introduced, namely the eco-friendly endeavor in the form of 'Mission Green' and the opening of the Knowledge Gallery as a window for presenting scientific facts before our students in an interesting

manner. Another decision was to fulfill our vision of quality education by arranging more and more expert lectures on various subjects. This too has begun in full swing. We are putting in our best efforts to execute proactively the mission and vision of our institution. I am hopeful that this edition of 'Perihelion' will reflect these measures and will lead us from strength to strength.

Dr. Santosh Nagar

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News at a Glance

Dr. Vibhoj Parsai and Smt. Jayshree Shah attended the seminar on 16 July 2014 at Medicaps College on the topic "Application of Mathematics and Statistics in Engineering Field".

Dr. Satyendra Sharma attended UGC sponsored national workshop on "Analytical Techniques in Physical Education and Sports Sciences", organised by SOS Physical Education Department, DAVV Indore.

Dr. Sudeep Ray was appointed Ph.D. examiner for open defence Ph.D. Viva of Ms. M.J. Naise, held on 16 Sep. 2014 at Shri Shivaji College of Arts, Commerce and Science of SGB Amravati University.

Dr. Deepa Vanjani's abstract of the paper 'Technology-enabled Communication and its Role in Evolving New Paradigms of Language Usage [panel 119] submitted IUAES 2014 *The Future with/of Anthropologies* organized in Japan, 2014 has been published in the congress proceedings.

Prof. Mayur Mota delivered expert lecture on career guidance at Shri Cloth Market Institute of Professional Studies,

Indore on 23/09/2014.

Prof. K Venkatraman was awarded Ph.D. on "Earthquake Precursor Technology in India: Assessment and Forecasting" under the supervision of Dr Dutta.

Mrs. Amita Shukla of Biotechnology department cleared the NET -CSR exam, the results of which were declared on 18.09.14.

Dr. Nandini Phanse participated in a workshop on "Proteomic Technologies for Biosciences" organized by KBR College, Vashi, Navi Mumbai in association with Proteomic Society of India, on 25-26 August 2014. She participated in a St. John Ambulance certified training programme on First Aid organised by St. John Ambulance, New Delhi in collaboration with Confederation of Indian Industry (CII).

Dr. P.K. Dubey chaired a session in the National Conference on "Emerging Trends in Nano Science", organised by department of Physics and Nanotechnology, Medicaps Institute of Technology and Management, Indore, on 12 September 2014.



15 August Parade Inspection



Magazine Release



NSS- Cleanliness Campaign



Knowledge Gallery Inauguration



First Aid Awareness Seminar



Sports Activity

Carl Linnaeus Museum -
Visit of Botany Dept. students

Mission Green - Dr. Dutta's talk

Departmental Activities

Computer Science and Information Technology Department

Ms. Priyasi Jain and Ms. Deepal Patel joined as assistant professors in the department.

Prof. Sanjay Sharma successfully completed online admission procedure of 1st year students of UG and PG of college and scanned more than 1041 photographs and uploaded on UGC site.

The department has started internet access facility for all students of college for 2 hours every day. It has initiated four- week MS Office Automation course.

Students' feedback for all teachers has been taken from 500 students of

Computer Science and analysed it successfully. Prof. Sanjay Sharma made extra efforts for completion of feedback analysis.

Prof. Mayur Mota compiled database of newly admitted students of college and also updated details of all employees of college.

Prof. Mayur Mota and Prof G. Kaithwas completed ID card work of 178 staff members of college.

Prof. Brajesh Vijaypuriya is updating the college website.

Microbiology Department

Prof. Smriti Chouhan presented a lecture on "Probiotic: Its Multifunctional Aspects" in the Faculty development programme on 16th July 2014.

Ms. Mona Bhatnagar was selected in the M.Phil Entrance Exam of Life Sciences of DAVV, Indore, on 11.09.14.

Dr. Nandini Phanse guided students of SGSITS, Applied Chemistry Department, in a project - "Determination of Antimicrobial Activity of Schiff bases".

Ms. Amruta Geed assisted in the work. A bilingual mini dictionary of terms related to Microbiology was released by Principal Dr. S. Nagar on 02.09.14.

The list, which was upgraded and prepared by faculty members of the department- Ms. Kiran Paliwal, Ms. Mona Bhatnagar, and Ms. Smriti Chauhan, was distributed to students of B.Sc. Semester I.

Ms. Kiran Paliwal delivered a talk on "Seven Wonders of the Microbial World", during the enlightenment programme arranged for B.Sc. Semester I students.

The academic year began by welcoming the M.Sc. (Previous) students, for which a two- day induction programme was organised on 4th & 6th Sept 2014.

The inaugural session of the induction programme was graced by Principal

Prof. Santosh Nagar.

Various activities were organised under the banner of *Because We Care...* the healthcare awareness campaign of the Department of Microbiology.

The department organised an Enlightenment Programme for B.Sc. Semester I and M.Sc. Microbiology students on September 2 2014.

During the programme, Dr. Nandini Phanse delivered a lecture on "Ebola- Facts before fear" with regard to the recent Ebola outbreak.

Pamphlets on Ebola Awareness: To spread awareness on Ebola virus disease in the society, Dr. Nandini Phanse, Head, Microbiology prepared pamphlets which depicted various aspects of the disease. The pamphlets were distributed to students in various parts of the city.

A seminar on "108- The Life line of India & First Aid Basics" and a demonstration session on "First Aid Measures", was organised. The seminar was conducted by Dr. Nandini Phanse, and Mr. Manish Jain, Associate Emergency Medical Technician in GVK EMRI 108 Ambulance.

Dr. Nandini Phanse presented informative posters on the current epidemic Ebola Viral Disease (EVD) & Swine Flu which were conceptualized as part of creating awareness.

Sports Department

DAVV, Indore has allotted District Level Inter-College Squash Tournament to our college. Dr. Satyendra Sharma was appointed as referee for 50th State Junior Badminton Championship organized by DDBA, Dewas from 13-15 August 2014.



Dr. P. Mishra's Lecture on 'Sadharan Ashudhiyan in Hindi'



NCC Airwing Cadets in Camp



Khandwa CATC



Suraksha Samiti – DSP Amrut



Placement Drive by TCS

Languages Department

In the Faculty Development Programme {FDP} of the college Prof. Nahar threw light on various 'Aspects of Letter-Drafting at Organisational Level on 7/07/14 and Prof. Kusum Joshi spoke about 'Vocabulary- Building through Root Words' on 9/07/14. Dr. Jyoti Singh delivered a talk on 'Narmada, Ek Parichay- Bhogolik, Dharmik, Sanskritik Sandarbho Mei' in the FDP on 9/07/14. An expert lecture on 'Hindi Bhasha: Sadharan Ashudhiyan' was delivered by Dr. Pradyumn Mishra, Principal, ILLI College, Indore on 3/09/14. The

Physics Department

Dr. P.K. Dubey, Dr. P.A. Kekre and Dr. S. Potdar participated in the National Conference on "Emerging Trends in Nano Science", organised by department of Physics and Nanotechnology, Medcaps Institute of Technology and Management, Indore.

Botany Department

More than 140 UG and PG students visited the Carl Linnaeus Museum and P. Maheshwari Lab from 20/08/2014 to 25/08/2014 with the aim of getting knowledge of plant kingdom and its diversity through museum specimens. The teachers explained about the variety of plants and interacted with students. On 18.09.14 an expert lecture for B.Sc. III Semester and M.Sc. students was organised on the topic "Modern Trends in Taxonomy". The speaker was Prof. A.B. Seerwani, retired Prof. of Botany, Holkar Science College and presently Principal of Sant Deewan Karam Chand Girls College, Indore. About 80 students attended

Career and Guidance Cell

Tata Consultancy Services held an open campus drive for Shri Gujarati Samaj institutes on 17/09/14 for Marketing Analyst, KPO and Business Analyst. 227 students participated and 4 were selected. Packages ranged from 2.5-3.5 lakh.

Zoology Department

Students of class IX -XII from RRMB Gujarati School visited our Zoological Museum on 10, 11 & 12 July 2014. Excursion to Sirpur Lake, Indore was arranged for M.Sc. I & III semester students on 17.09.2014. A study visit to Zoological Park, Indore was organised for M.Sc. I & III semester students on 24.09.2014.

programme was conducted by Dr. Jyoti Singh. The feedback from students was very encouraging.

Another expert talk was arranged, along with NSS, for students of all semesters on 25/09/14 on 'Increasing Rate of Suicide and Tendency towards Crime in Youth Today'. The speaker was Prof. Rajendra Sharma from Indore School of Social Work. Students gave a positive feedback of the lecture.

Dr. Deepa Vanjani has been conducting Communication Skills and Personality Development sessions in the Language lab for students of III and V semester.

Dr. Kekre presented his research paper titled "Correlation of X - Ray Absorption Parameters with Randic Index". Ms. Priyanka Sharma, Ms. Sarika Dongre and Pooja Paliwal the M.Sc. students of Physics department also attended the conference.

this lecture. The lecture was interesting and informative. The feedback of activity from students was positive.

On 26/09/14 the department held a PTA meeting in the M.Sc. Botany Lab. The meeting was for parents of the PG students of the department.

Miss Charulata Shah joined the department as Assistant Professor.

Manderia Krishna et. al. published their research paper titled "To Evaluate the Water Quality Status and Responsible Factors for Variation in Anchar Lake Kashmir" 2014, in ISOR Journal of Environmental Science Taxicology and Food Technology.

Two research papers of Dr. Shobha Chaturvedi were published in the months of August & September 2014 in IJRRPCS. A Student Health Profile (height, weight, etc.) for U.G. classes (I, III & V Sem.) has been prepared.

A combined research paper of Dr. G.D. Sharma & Dr. Rajesh Dixit was published in July 2014 in International Journal of Research Link.

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Biotechnology Department

Faculty Development Program was organised by the college, in which two staff members participated. Prof. Amita Shukla gave informative talk on "Human Genome Project" and Prof. Heena Soni gave lecture on topic "Biotechnology- An Overview".

Ms. Heena Soni and Mrs. Amita Shukla attended a two days workshop on "Scope of Biological Sciences"; conducted by Ahilya Library, 25 and 26 August 2014. Students of B.Sc. I semester Akansha Chouhan, Mrunalini Jyotshi, Megha Patidar and Shikha Parihar also attended it.

Dr. Jayantilal Bhandari and Dr. Anand Kar (Professor, SLS, DAVV) delivered lectures on prospects in biological

NCC Boy's Wing

Five cadets of the college, Pramod Pal, Sandeep Singh, Ashwin Verma, Umesh Pratap Singh and Pradyumn Verma participated in the Joint Annual Training Camp organized by 36 MP Battalion, Khandwa from 2 July to 11 July 2014. Cadet Padyumn Verma won I place in the firing competition in this camp. In the Thal Sainik Camp [TST, Launching] from 16 July to 25 July four cadets namely, Rohit Singh Rajawat, Rahul Rajput, Vishal Geete, and Chatrapal Yadav participated. In this camp Cadet Rohit Singh Rajawat was selected for the

NCC Air Wing

From 9-18 Sept. 2014 CATC Camp was held at Kankeshwari School. College. Cadets participated in it with care-taker of Unit I MP SQN Air Prof. Manish Joshi.

sciences. Department organised a plantation program on 18 September 2014 on the basic concept of "Adopt a Plant Today -for a Greener Tomorrow" in the Botanical garden. The students showed remarkable enthusiasm and awareness in this event. All together, nine trees were planted by student community, mainly comprising of exotic species like Neem, Ixora, Peltaphorum, Tebobia, Kadamb, Musanda and Swarn Champa. This event inculcated in students, awareness about importance of trees on our earth, which was our focus behind it.

The department organised a poster competition for B.Sc. III semester students on the topic "Mechanism of Translation" on 29 September 2014.

DCAT-I camp organised in Sagar. Under the leadership of Under Officer Saurabh Pawar, seven cadets of the college participated in the annual training camp organized by 9 MP Battalion, Indore from 1 August to 10 August 2014. Cadet Rohit Singh Rajawat participated in the DCAT-I camp organized in Sagar from 10 August to 19 August 2014. On 15 August 2014 the Independence Day function and Oath-taking ceremony was organised in the college. 60 cadets took part in it. President of Shri Gujarati Samaj Indore, Dr. Diwakar Bhai Shah was chief guest of the function. He administered the oath to cadets and inspected the parade.

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