



Principal's Desk

Lessons from BioMimicry

Nature has plenty to offer. The bountifulness of Nature often mesmerises the beholder for its dynamics. God's creation is often considered immaculate and impeccable.

Man, in his capacity, tried to imitate God's Creation at various points in time. Modern inventions are often influenced or imitated by something already available in Nature. It is believed that by observing the way a bird flies, the aircraft is designed. Observing the movements of fish, a submarine is built. A camera is a mere imitation of the structure of an eye, and so on. Technically, it is called BioMimicry.

Humans are considered to be tool-making and tool-using animals. Though a number of animals make and use tools, they aren't as sophisticated as that human beings. Mimicking is considered imitation. However, in the case of Science, it has a rational application of scientific values and understandings to produce specific tools to make life easier. These tools are produced and used by humans for the benefit of comforts and luxuries.

The modern Education system heavily emphasises applying knowledge in real-life situations. Under NEP, Higher Education Institutions emphasise the application of knowledge to real-life situations. In order to produce the contents of BioMimicry, one must have a very close observation of Nature with a solid basic understanding of the scientific principles behind them. Though the colleges provide the knowledge and skillsets in the classrooms, the students must be inquisitive to explore its applications and inferences more. Such knowledge will provide innovative insights into the genius within the students.

Dr B A Kumar Hegde,

Principal

Superannuation of Dr A Jayakumar Shetty, Principal of the College



Dr A Jayakumar Shetty, Principal of the college, attained Superannuation on 31 March 2023. The Staff Association felicitated him on 31 March 2023.

Appointment of Dr B A Kumara Hegde as the new Principal of the College



Dean of Science faculty, Head, Department of Botany, Dr B A Kumar Hegde, has assumed the office of the Principal of the college. Staff Association of the college welcomed him cordially in the presence of Dr S Sathishchandra, Secretary of SDME-Society, on 31 March 2023.

ICSSR-Sponsored National Seminar on Indigenous Practices in Higher Education India: Steps Ahead



SDM College Ujire, in collaboration with Rashtriya Samaja Vijnana Parishad, has organised an ICSSR-sponsored National Seminar on Indigenous Practices in Higher Education India: Steps Ahead on 29 and 30 March 2023. Prof. Krishna Bhat, Chancellor of Central University, Odisha, inaugurated the seminar in the presence of Prof. Sheila Rai, President, India Policy Foundation and Member ICSSR, Prof M S Mudiththaya Pro Vice-Chancellor, Nitte Deemed To Be University, Dr Samesh Salian, Director (Research), Tumour University and other dignitaries on and off the Dias. Dr S Satheeshchandra, Secretary, SDME-Society, Ujire, presided over the inaugural session. Dr Ganaraj, Head of the Department of Economics, Proposed a vote of thanks and Dr Mahesh Shetty, Mastered the Ceremony.

The seminar witnessed plenary sessions by eminent scholars such as Prof. B Jayaram Bhat, Retired Professor of Economics, Kuvempu University, Dr Midhun V P, Assistant Professor, Govt College, Kasaragod, Prof. Madhava Bhat, Retired Principal, Vivekananda College, Puttur, Prof. Shripathy K P, Prof. of Economics (Read.), Mangalore University, Dr H D Prashanth, Professor, Dept of developmental Studies, Kannada University, Hampi, Prof. G V Joshi, Prof. of Economics (Read.), Mangalore University, Prof. Vignesh N Bhat, Vice President, RSVP NewDelhi, Robert Clive, Associate Professor, Crossland College, Brahmavar. Research Scholars presented their papers on the relevant topics in parallel Technical Sessions.



Prof. P Subrahmanya Yadapadithaya, Hon'ble Vice Chancellor, Mangalore University, delivered the Valedictory address of the seminar. The ceremony facilitated the guests of honour. In a cordial function, the organisers facilitated Dr A Jayakumar Shetty, Principal of the college and Dr Ganaraja K, Coordinator of the Seminar. In closing words on the seminar, Dr Sheila Rai, Member ICSSR, NewDelhi, expressed her satisfaction in successfully organising a National Level Seminar in SDM College.

Programmes Organised

- The Department of Political Science organised a career guidance programme by Mrs Anusuya, RUDSETTI, on 'Career Opportunities in Self Employment Training Centre at Ujire' on 24 March 2023 for II BA Students.
- The Department of PG Studies in Statistics organised a resource talk on 27 March for PG and UG Statistics students. Prof. Nagaraj K Neerchal, Department of Mathematics and Statistics, Director, Center for Interdisciplinary Research and Consulting, UMBC, Baltimore, USA, was the resource person. The guest speaker spoke on "Must have skills for a Modern Statistician".



- NSS Units and Red Ribbon Club organised an elocution competition on the topic “AIDS – Awareness, Responsibilities and Management” on account of World AIDS Day for the students of the college on 24 March 2023. Mr Abhijith Badiger, Assistant Professor of the Department of Biotechnology and Mrs Shruthi Mankikar, Assistant Professor of Hindi, were the judges. Mr Kiran, II BCA, Mr Yakshith, II B.Com, and Ms Vani, I BBA, won the First, Second and Third Prizes, respectively.
- NSS Volunteers conducted ‘Campus and Ujire Street Side Cleaning’ as a part of Swach Bharath and Swach SDM Abhiyan on 25 March 2023. 70 Volunteers participated in the activity.
- NSS Volunteers visited and recorded the progress of Rice Farming (Nejinati) undertaken in Arali, Ujire, on 5 March 2023. 2 Volunteers were involved in the activity.
- NSS Volunteers conducted Upkeeping and Watering of the Plants in Suvarana Vana. Six volunteers participated in the activity on 11 February 2023.
- NSS Volunteers conducted Upkeeping and Watering of the Plants in Suvarana Vana on 21 March 2023. Six volunteers participated in the activity.
- NSS Units and SRIC organised the administration of the Save Water Oath for the students of the college on account of World Water Day on 23 March 2023. Over 1000 students participated in the oath-taking.
- NSS Units and SRIC conducted Campus and Ujire Street Side Cleaning as a part of Swach Bharath and Swach SDM Abhiyan on 25 March 2023. 70 Volunteers participated in the activity.
- SRIC, in association with NSS Volunteers, conducted the cleaning of Rain Water Harvesting Pits on account of World Water Day on 22 March 2023. 10 Volunteers participated in the activity.
- SRIC in association with NSS Volunteers participated in the Harvesting of Rice Crops at Dompadapalke, Ujire which were planted by them in the month of December 2022. 16 Volunteers participated in the activity.
- SRIC in association with NSS Volunteers participated in the Harvesting of Rice Crops in the Arali area of Laila and Dompadapalke, Ujire which were planted by them in the month of December 2022. 19 Volunteers participated in the activity on 24 March 2023.

Alumni Interaction

The Department of Commerce organised an alumni interaction on “Orientation on Professional Courses” by Mr Sheikh Mohammed Arif, who is pursuing Chartered Accountancy Course in Bangalore, for the students of first year B.Com on 27 March 2023. Ms Fathima Safira and Dr Rathnavathi co-ordinated the Programme.



Staff Achievements

- Dr Shalip, HOD, Department of Political Science, presided over the guest lecture programme by Dr Stephen Maclon on ‘Research Investigation’ on 20 March 2023, organised by the Department of Economics SDMC Ujire.
- Mr B Ganesh Nayak and Ms Akshatha B, Assistant Professors, Department of Mathematics, jointly presented a paper on “The Role of Digitalization in Higher Education- a case study in the National Level Seminar on Indigenous Practices in Higher Education in India- Steps Ahead, organised by the Department of Economics S.D.M. College (Autonomous) Ujire.
- Ms Poojitha Varma Jain presented a paper on “Study of the attitude of students towards the online mode of learning Mathematics during Covid -19 in the National Level seminar on “ Indigenous Practices in Higher Education in India- Steps Ahead” organised by the Department of Economics S.D.M. College (Autonomous) Ujire.
- Dr Shridhar Bhat, HOD, Sanskrit Department, delivered a ‘Religious Discourse’ in Kuchurubailu Naagapratishthe And Paadukaanyasa programme held at Kuchuru Bailu Kadirudyavara on 23 March 2023.

- Ms Ashwini H, Assistant Professor, Department of Psychology, delivered a talk as a resource person on 'Psychological First Aid organised by the Government of Karnataka, Department of Collegiate and technical education Government Polytechnic Bantwal, D.K on 27 March 2023.
- Dr Vandana Jain, Assistant Professor, Department of Psychology, participated as a resource person at Government High School, Gerukatte, on 9 March 2023.



- Dr Sanmathi Kumar, HOD and Assistant Professor of History, published a research paper titled The Issues and Challenges in Social Science Research in Multidisciplinary National Seminar Proceedings IIARSIC 2022 with ISBN No.: 978-81-958888-5-6 Published by International Center for Scientific Research and Development (ICSRD) and Toucan Research Center Bangalore on 15 March 2023.
- Dr Maruthi K R, Assistant Professor and Head, Dept of Biotechnology, attended a 'Faculty Induction Programme' organised by UGC HRDC Kumaun University Nainital from 21 Feb to 25 March 2023. The programme included using various learner-centric teaching techniques for better teaching and administration.

Staff Participations

- Dr Shridhar Bhat, HOD, Department of Sanskrit, attended National Seminar on Indigenous Practices In Higher Education In India-Steps Ahead held at SDM College Ujire on 29 and 30 March 2023.
- Lieutenant Commander Dr Shridhara Bhat attended an ANO (Associated NCC Officer) Conference held at Mangalore Navy Unit on 28 March 2023.
- Ms Shruti Mankikar, Assistant Professor, Department of Hindi, participated in One-day National Level Hindi Seminar on "Spelling Errors in Hindi Language and its Linguistic Solution" organised by MRPL, Mangaluru on 21 March 2023.

- Dr Mallikarjuna N, Assistant Professor, Department of Hindi, attended the One-day National Level Hindi Seminar on “Spelling Errors in Hindi Language and its Linguistic Solution” organised by MRPL, Mangaluru, on 21 March 2023.
- Mr Bhanu Prakash, Assistant Professor, Department of Commerce, participated in a workshop on PF Services ‘Nidhi Aapke Nikat’ organised by EPF Office, Mangalore, in SDM Polytechnic College Ujire on 27 March 2023.

Student Activities

- Six students of III B.Sc A and B section attended an internship programme at SDM IT College, Ujire, from 14 to 18 March 2023.
- Eleven students of III BSc A and B section attended the internship programme at SDM Women’s ITI College, Ujire, from 14 to 18 March 2023.



- Twenty-Two Physics students attended the Internship training programme at SDM IT Ujire from 14 to 18 March 2023. During the programme, they had hands-on training on Electrical household wiring, design of Extension Chords, Domestic wiring concepts, phase, neutral and earth points, PC handling, installation of MS etc.
- Two Students of final year B.Sc Psychology, Ms Rajeshwari and Ms Swasthika, presented a research paper on the topic "Psychological Well-being and Spiritual Intelligence" at Two-day National Seminar on ‘Mental Health for Adolescents-Post pandemic-issues, challenges and Solutions’ from 23 to 24 March 2023 organised by the Department of Psychology, Christ (Deemed to be University) Bannerghatta Road Campus.

- III B. Sc. Statistics Students Participated Internship Programme from 18 to 24 March 2023 in the District Statistical Office, Kottara, Mangalore. The students participated in surveys in different thaluk such as Bantwal, Mangalore, Belthangady, and Moodbidri in this Internship programme.



- Mr Dinesh - I BBA, Manoj K T - I BBA, and Aditya C S - I B.Com participated In the 45th Junior National Handball championship Held in Rajasthan From 27 to 30 March 2023.



- Ten Students of Yakshagana Kalakendra participated in an Inter-Collegiate Tenku Tittu Yakshagana Competition, 'Yakshothsava-2023', held in SDM Law College Mangalore on 11 March 2023. Students performed the Yakshagana Prasanga- "Sudarshana Garvabhanga". The



team, trained by Mr Arun Kumar Dharmastala, managed to secure Third Place in the competition. Mr Subrahmanya Bhat bagged the Runners award in Individual Category.

- Twelve students participated in 'Tiara- 2023' organised by St. Joseph College of Engineering Vamanjor on 23 March 2023 and 24-03-2023. And Mr Sumesh of III B.Com D was the Runner in the individual dance competition.

Students Participation

- Three students of III BSc B attended State level Mathematics Nurture programme organised by PPC, Udupi, from 9 to 13 March 2023
- Ms Hithashree B S and Ms Esha Yadhukumar of II BSc attended a Mathematics Nurture programme, "Initiation into Mathematics (InitMath)", - a mini MTTs funded by NBHM organised by the Department of Mathematics, Mangalore University, from 13 to 18 March 2023.
- NSS Volunteers participated in Dakshina Kannada Zilla 25th Kannada Sahithya Sammelana held in Ujire from 2 to 5 February 2023. Fifty-one volunteers participated in Registration, Accounts, Stage Programme, and Cultural and Food Committees.
- NSS Volunteers participated in Brahmakalashothsava of Sri Sadashiveshwara Temple, Pajiradka, from 4 to 5 February 2023. Forty-three volunteers participated as volunteers in Information Counter, Stage, Hasiruvani, Hospitality and Food Committees.
- NSS volunteer Ms Anjana K Rao, II B.Com, participated in the National Integration Camp held at Mahatma Jyotiba Phule Rohilkhand University, Bareilly, Uttar Pradesh representing Mangalore University from 25 February to 3 March 2023.
- NSS Volunteers participated in the Harvesting of Rice Crops at Dompadapalke, Ujire, on 23 March 2023, which they planted in December 2022. Sixteen Volunteers participated in the activity.
- NSS Volunteers participated in the Harvesting of Rice Crops in the Arali area of Laila and Dompadapalke, Ujire, on 24 March 2023, which they planted in December 2022. 19 Volunteers participated in the activity.

- NSS Volunteers participated in the Shramadana at DKZP Govt. Higher Primary School, Parlani, as a part of NSS Annual Camp preparation on 25 March 2023. 8 Volunteers participated in the activity.
- Students in their Final year and second year attended a workshop on Basic Cell Culture Techniques for Undergraduate students organised by SDM Research Institute for Biomedical Sciences. The students got exposure to animal cell culture techniques.

