



Special Lecture : Ozone , Climate Change and Urban Resilience

"Rapid Urbanisation and growing mega cities are the biggest threat to the climate change " this was the statement made by Prof. Nandkumar Sawant on the occasion of Ozone day, organised the Department of Geography as part of a Special Lecture by Prof. Nandkumar Sawant, Head, Department of Geography on 'Ozone Climate Change and Urban Resilience'. He spoke on the theme Ozone , Climate Change and Urban Resilience on 23rd October 2020. This was attended by 53 students and staff of the department. The lecture focused on how Ozone depletion has led to gradual increase in temperature and subsequent climate change, which will impact urban cities and metropolitans, as 55% of the world's population lives in cities and produce 75% of CFC's.

The department also conducted group presentation on 'Ozone: Where, What, Why and How it affects human life?' for the students of First year B.A. & B.Sc. (Geography). The groups presented various facets of Ozone:7 layer and its depletion, followed by interactive session amongst students. The presentations were held on 23rd and 27th October 2020 respectively. An Online survey on awareness of Ozone was also conducted. 56 people responded for the same. An analysis of the sample survey shows that overall public is aware of Ozone and its depletion. It is also opined that man - made activities (Anthropogenic) is the cause for

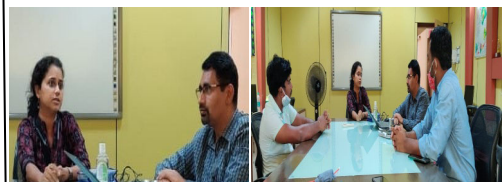
Faculty Invited as Resource Person

Interaction with Madhura Bandekar

Dr. Nandkumar Sawant

- **Global Climate Changes and Cities: Risk and Resilience'** at webinar organized by Department of Geography, Devchand College, Kagal, Kolhapur on the occasion of Ozone and Equinox Day on 24th September 2020.
- **'How to Approach Research in Social Science':** Conceptualization and Methodological Intervention' Online Orientation on organized by Savitribai Phule Mahila Vidyalaya, Sikar, Rajasthan on 20th September 2020. He spoke on 'Review of Literature: Pathway to Research'
- **'OBE and curriculum designing'** : Online 107th Faculty Induction Program from 22.09.2020 to 27.10.2020 organized by UGC-Human Resource Development Centre, Goa University for the newly recruited faculty at College/University. He delivered a session on 'for Higher Education' on 10th October 2020 .

Mrs. Madhura Bandekar, Post doctorate, Azim University in the Department of Geoinformatics and Ecology had an interaction with Head of the Department Prof. Nandkumar Sawant and faculty for future collaboration with the department. The core focus of the discussion was on internships, mini projects, guest lectures and collaborative activities. The discussion culminated in assisting the students of Geoinformatics for their final year semester project and the department will identify some mini project addressing certain issues on Goa's ecology . She also productively agreed in delivering a guest lecture on "Careers in Geoinformatics".



Cleared NET Examination : Proud Moment for the department

Shri Sachin Gaonkar , Faculty , Assistant Professor in the department of Geography cleared UGC NET June 2020 (National Eligibility Test) in the subject of Geography. Yet another feather in the cap, two ex students of the Post graduate department of geography , Shri Adrel Gomes and Deeksha Taulilikal also cleared UGC NET 2020 (National Eligibility Test) in the subject of Geography. The department has consistently maintaining a track record of atleast two students clearing NET or SET examination every year
Congratulations to all and All the best



EDITORIAL

Planet Earth during COVID-19 Pandemic

"We are, or we will be, going through the most radical transformation the world has ever seen; people are justly terrified, excited, depressed, heartbroken and hopeful, all at once." The words of Heather Marsh can best describe COVID-19 pandemic situation. The world is struggling to stand on its feet back to normal but every day has new challenges to face.

The mankind is struggling from the virus but on the other side planet Earth and its elements are slowly stretching their legs in absence of man. To think from the other perspective we are the virus and earth is recovering from the infections caused by us. The rare species are now valiantly visiting the cities, trying to identify their old habitat. Deer were seen walking in a town of Poland, wild turkeys dominated a playground in California, Olive Ridley turtles came ashore on a beach in Odisha, Ganges Dolphins have been spotted in Ganga River near Kolkata Ghats after 30 years and many more such incidents have been recorded. Delhi deemed by WHO in May 2014, as most polluted capital in the world as shown outstanding results in reduction of pollution falling under satisfactory category during the lockdown. Another example is of River Ganga, where Ganga Pollution Board has affirmed that the water quality has improved. Professor Marshall Bruke of Stanford University said that reduction in air pollution in China caused by this economic disruption likely saved 20 times more lives than the deaths with infection of COVID-19.

The reduction in the noise level is also acknowledged by seismologist according to Forbes. The countries have also moved towards self sufficiency like India where its focus is on make in India. It is a time when humans can introspect on their life and improve upon the mistakes and give adequate time to family as well as nature. The pandemic will also have a long term impact on controlling migration leading to controlled urbanization. The storm will pass one day, mankind will survive but the impact will remain for centuries ahead.

Planet Earth during the COVID-19 pandemic is healing itself. But the question is can we sustain this changes even after the lockdown? This can be appropriately connoted in the words of Fred Roger an American television personality "Often when you think you are at the end of something, you are at the beginning of something else."

Awesome Geography Facts

Iceland is Growing 5 centimeters per year and divided by the North American and European tectonic plates, is growing by nearly 5 centimeters per year as the plates grow wider apart.

Iceland is an island in the Atlantic Ocean, located near the Arctic Circle, between Greenland and Norway. An island of 103,000 km² (40,000 square miles), it is about the same size as Hungary and Portugal, or Kentucky and Virginia.

The island owes its existence to a large volcanic fissure in the Mid-Atlantic Ridge, where the Eurasian and American tectonic plates meet. Even today, the country is growing by about 5 cm per year, as it splits wider at the points where two tectonic plates meet.

Source: <https://www.farandwide.com/s/amazing-geography-facts-d9d661749>



Image Source: <https://travel.home.sndimg.com/content/dam/images/travel/fullset/2015/01/08/ET/10-wonders-west-yellowstone-national-park.jpg.rend.hgtvcom.6>

Notable Quotes on Geography

" Our world is evolving without consideration, and the result is a loss of biodiversity, energy issues, congestion in cities. But geography, if used correctly, can be used to redesign sustainable and more liveable cities".

-Jack Dangermond

"Perhaps our greatest distinction as a species is our capacity , unique among animals, to make counter - evolutionary choices!"

- Jared diamond , geographer

**Faculty Invited as Resource Person.****Dr. Anagha Bicholcar**

- **Online Training Programme on People's Plan Campaign (PPC) for Master Trainers** (VP Secretaries) organized by Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa on 25th September 2020.
- **Dr. Anagha Bicholcar** participated in an online Training Programme on Training of Trainers (ToT) program on Orientation and Training of Ward Members as 'Agents of change and Sector Enablers' organized by National Institute of Rural Development and Panchayati Raj (NIRDPR), Ministry of Rural Development, Government of India, Hyderabad from 8th – 11th September 2020

Dr. Sanjay Gaikwad

- **'Raster Mosaicing and Clipping'** for the Faculty Development Program on GIS & Remote Sensing conducted by the School of Earth, Ocean & Atmospheric Sciences & HRDC Goa University, sponsored by ATAL Academy, New Delhi from 12th to 16th October 2020. He delivered two online sessions on 'Raster Mosaicing and Clipping' and 'Geo-referencing Toposheets and Scanned Maps' respectively on 15th October 2020.

Workshop on LOCF (LEARNING OUTCOME BASED CURRICULUM)

The Department of Geography conducted a workshop on LOCF frame work as per the U.G.C guide lines. The objective of the workshop was to create document of LOCF for the department of geography and also map PO's, PSO's and CO's for the individual course's by the respective faculty. This workshop was crucial especially for the postgraduate department, since the syllabus was framed in the last (BOS) and academic council . Dr. Nandkumar Sawant was the Resource person assisted by Dr.Sanjay Gaikwad.

"GIS is waking up the world to the power of geography, this science of integration, and has the framework for creating a better future." -

Jack Dangermond,

Newly joined faculty

Ms. Shardha G.Pagui had completed M.A. in Geography from Parvatibai Chowgule college. She has working experience of two years in Shri Mallikarjun higher secondary Canacona , Goa.



Ms. Audrey D'Costa had completed M.A. in Geography from Parvatibai Chowgule college .She has working experience of six months in Damodar Higher Secondary school , Gudi-Paroda , Quepem Goa.

**Faculty Participation in Webinars and Workshops****Mr. A. Ashish**

- **'Costal wetlands' One-day National level virtual Seminar** held on 14th September 2020 organized by SKES's Govindram Seksaria Science College, Belagavi in association with MoU Institutions Gogate-Jogalekar College, Ratnagiri and Mining Engineer's Association of India, Belgaum Chapter .

- **Mr. A. Ashish, Ms. Jyoti Hosamani and Mr. Sachin Gaonkar** attended a National Level Webinar on 'Food in the Changing Climate' organized by Rosary College of Commerce and Arts, Navelim Goa to commemorate World Food Day on 16th October 2020.

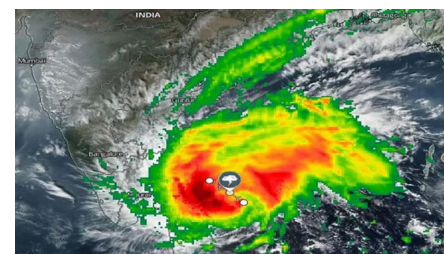
- **Mrs.Bibi Aisha Shaik and Mr. Deepak kumbhar** has participated as a delegate in the live webinar on **'Mapping the future with GIS'** , organized by the division of Geoinformatics ,faculty of natural sciences JSS academy of higher education and research ,Mysuru on 19th November 2020.

**Geography in news:****"The Cyclone Nivar"**

A very severe cyclonic storm Nivar, a tropical cyclone brought Pradesh in the month of late November 2020. The seventh depression and fourth named storm of the 2020 North Indian Ocean cyclone season ,Nivar originated from a disturbance in the inter- tropical convergence zone.

On 22 November 2020 an area of low pressure was formed in the Bay of Bengal, off the coast of Tamil Nadu. It intensified into a depression on the early hours of November 23. This disturbances, gradually organised and on November 23 both the joining typhoon warning centre (JTWC) and (IMD) reported that tropical depression were formed. In the early hours of November 24, it intensified into cyclonic storms. Warning of cyclone Nivar was informed to the coast Tamil Nadu, Pondicherry.

It made a landfall in Karaikal, Puducherry on the mid-night November 25, 2020. It weakened on early hours of November 27th, 2020. many unmet vital humanitarian needs .The floods have put the State in a serious crises, affecting the people with many severe impacts to portions of Tamil Nadu and Andhra



Source: <https://www.farandwide.com/s/amazing-geography-facts-d9d661749cad43df>

"The good cartographer is both a scientist and an artist. He must have a thorough knowledge of his subject and model, the Earth.... He must have the ability to generalize intelligently and to make a right selection of the features to show. These are represented by means of lines or colors; and the effective use of lines or colors requires more than knowledge of the subject – it requires artistic judgement." -

- Erwin Josephus Raisz

The Sargasso Sea has no coast

The only sea in the world without any coasts, the Sargasso sea is found in the Atlantic Ocean . Located in the North , it is surrounded by four ocean currents , with no land coastline to speak of , it is named for the floating sea weed that covers it and called as sargassum .**Sargasso Sea**, area of the North Atlantic Ocean, elliptical in shape and relatively still, that is strewn with free-floating seaweed of the genus *Sargassum*. It lies between the parallels 20° N and 35° N and the meridians 30° W and 70° W inside a clockwise-setting ocean-current system, of which the Gulf Stream (issuing from the Gulf of Mexico) forms part of the western rim.



Source https://d3mvlb3hz2g78.cloudfront.net/wp-content/uploads/2018/07/thumb_720_450_dreamstime_1_83324210.jpg

GIS's are simultaneously the telescope ,the microscope , the computer and the xerox machine of regional analysis and synthesis of spatial data .
-Ron Abler

DISCLAIMER

The Editorial team is not responsible for the views

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