



Newsletter Published by Department of Geography and Research Center, Parvatibai Chowgule College (Autonomous), Margao- Goa

MRS. AISHA SHAIK AWARDED NATION BUILDER AWARD

Mrs. Aisha Shaik, Assistant Professor, was awarded **Nation Builder Award** by Rotary India Literacy Mission in December, 2020. Cont. on page 3



Aisha Shaik Standing First left, last row

PROFESSOR NANDKUMAR SAWANT INVITED AS RESOURCE PERSON

Professor Nandkumar Sawant was invited as the resource person for several Programmes like refresher course in Geography, the Faculty Development Programme in Geography, the Two day National Seminar on “NAAC Accreditation and Career Talks for undergraduate Students.

He was also invited as the resource person for the 108th Faculty Induction Program and worked as the member of the advisory committee of the International conference on Multidisciplinary Perspectives of Health, Environment, society and sustainability” Continued on Page 3

MR. A. ASHISH PARTICIPATION IN WEBINARS & CONFERENCES

Mr. Ashish Ashwini, Assistant Professor, attended webinars on Magical Mangroves conducted by Rosary College of Commerce & Arts, Navelim on 10th December 2020. He also attended webinar on Energy Efficiency and Conservation conducted by Rosary College of Commerce & Arts, Navelim on 18th December 2020.

Mr. Ashish has participated in IGU Indian International Conference (Virtual), 2020 on “Global to Local Sustainability and Future Earth” from December 18th –20th, 2020 organized by the Department of Geography, MLSU, Udaipur (Raj.) India.

ALUMNI TALK

“GEOGRAPHY AND SKILLS: MY LEARNING EXPERIENCE”



Guest Mr. Rosario D'Costa

The focus of the talk was to enhance the student's geographical skills and to facilitate them with present job requirements.

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FACULTY COMPLETION OF ONLINE COURSES

The faculty of the department has been actively involved in enhancing their knowledge in the domains of geography through various online courses.

Dr. Sanjay Gaikwad Assistant Professor successfully completed NPTEL online course in Geomorphology & Spatial Analysis Urban Planning. He was the topper in this course by securing 68%.

Shri. Ashish Ashwini, Assistant Professor, Successfully completed NPTEL Online Course on Geomorphology.

Shri. Deepak Kumbhar, assistant professor, completed online course (MOOCS) on Geospatial Applications for Disaster Risk Management conducted by United Nations, Office of Outer Space & Indian Institute of Remote Sensing. He also completed course on Remote Sensing & GIS Application conducted by Indian Institute of Remote Sensing.

FACULTY PUBLISHED RESEARCH PAPER

Ferro A & Sawant N. N. (2020) Urban socio- cultural spacing and religious Identity – Perceptions of Muslims in Margao Town, Goa, Urban India 40(II) 161-170. (UGC listed) ISN 0970-9045.

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GREAT CONJUNCTION 2020

BHOONIDHI—ISRO, WEB APP

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SEVEN WONDER OF THE WORLD - 2021

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YOUNG GEOGRAPHER AWARD—IIG

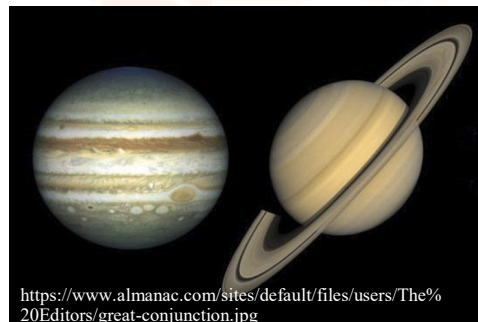


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GREAT CONJUNCTION 2020: JUPITER AND SATURN MEET ON SOLSTICE

21st Dec.2020: A rare, spectacular sky event has unfolded the greatest conjunction ever! It was impressive than the usual celestial headliners, like lunar eclipses and Mercury transits. This conjunction was visible around the world. On the very day of the solstice, December 21, 2020, Jupiter had come as close to Saturn as Jove's own moons! When Jupiter and Saturn—the two biggest planets in our solar system—meet, it's termed the “Great Conjunction.”

It happens once-every 20-years, incidence may make this event seem more common than it really is. For example, during the last Great Conjunction in May 2000, the planets never came anywhere as close together as they had this month, and, moreover, were closer to the Sun and partially hidden in solar glare. The same conjunction was observed in December, 1980. You'd have to go back to February of 1961 to remember a Great Conjunction that remotely competed with the one this month. But this was far inferior to the 2020's Great Conjunction.



<https://www.almanac.com/sites/default/files/users/The%20Editors/great-conjunction.jpg>

Do You Know!

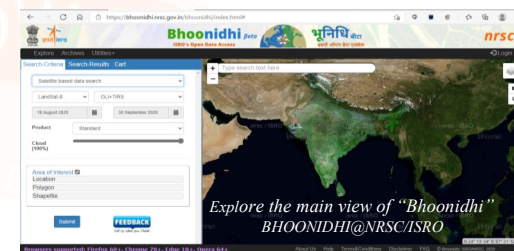
21st December, the Shortest day of the year has different daylight hours. Like in India, Kanyakumari, receives 11:39:21 hours of daylight whereas Srinagar receives daylight for 9:52: 57 hours. On the contrary, in the southern hemisphere, Chili gets 16:58:13 hours of sunshine. The localities above 67° 30'00" North Latitude has roughly 30 minutes of the day. You can search daylight hours at your place using <https://www.timeanddate.com/worldclock/india>.

What is Aspect in Geography?

The direction toward which a slope faces with respect to a compass or to the Sun's position in the sky, or the direction toward which a segment of coastline faces as it meets the sea.

“BHOONIDHI”: ISRO OPEN DATA ACCESS WEB APP.

Jan 2020: ISRO launched “Bhoonidhi” an Open Data Access web application that facilitates the dissemination of free satellite data products to online users on web. It is equipped with various user friendly search options to ease target area identification and subsequent download. CART interface is also available for user to select the products and store for later download.



In order to download the products, various user friendly search options are provided to the registered user to target the area of interest from the product catalogue. User can select any of the sensors and download the products belonging to that particular satellite and sensor combination. Cloud percentage can also be selected for Landsat-8 products. The recent data of the major events like floods, draught, avalanche, earthquake, etc is available for the area in which the selected event had occurred At a given moment only 3 parallel downloads are allowed from an IP and for a user Id. On a given day only 200 products can be added to a CART.

ISRO has a vibrant Indian Remote Sensing program since 1988 with a gamut of Indian Remote Sensing Missions (IRS) observing Earth with Optical, microwave and hyperspectral instruments flown on-board to provide necessary data in various spatial, spectral and temporal resolutions to cater to different user requirements in the country and for global usage.

NRSC is the nodal center for hosting Satellite Data Products from more than 13 IRS satellites right from the first IRS optical mission namely IRS-1A and SAR imaging missions.

NRSC Data archive is extensively utilized for Land use land cover monitoring, Ocean studies, weather applications and Scientific research. The Government agencies, industries and academia is highly benefiting by the valuable huge data products archive and technology to meet their respective end objectives.

DISCLAIMER : The Editorial team is not responsible for the views.

