

Department goes online.

Amid the COVID-19 crisis the institute decides to commence the new semester classes on Aug, 1st, 2020. In response, the department on the front foot embraces various online platforms like Moodle, Google-meet, Zoom and Web-ex etc to continue the online classes without any interruption. Several virtual lab platforms from IITs and NITs have also been introduced in the curriculum. The students have shown all positive spirits and responded enthusiastically.

Other Departmental News

- 1 One day workshop on assessment of online courses for TEQIP institutes organized by Dr. Arun Parakh. The workshop was financed under TEQIP phase-3. Both Electrical Engineering and Civil Engineering departments jointly contributed. The nodal incharge from Civil department was Dr. R.K. Khare.
- 2 Dr. H.K. Verma delivered ,an expert lecture on “Harmonics and their mitigation “ at SGSITS ,Indore.
- 3 Prof. MPS Chawla delivers Expert lecture on “Research and Innovation in Computing with Reference to National Education Policy” at Shri Aurobindo Institute of Technology. The lecture was sponsored by sponsored by IEEE MP Subection and CSI India.
- 4 P.G. (Power Electronics & Power System) students visited Scientific Mess Technique for industrial visit.

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- 5 Dr. Arun Parakh has received a token of appreciation ,certificate for TI-MooC-Embedded Design System on NPTEL Platform by TEXAS Instruments .



- 6 16-1-21-Appointed-MPS Chawla-Associate-Editor-in-chief-Lattice-Science-Publications-International-National-Journals.
- 7 Dr. Arun Parakh visited New Delhi as nodal officer for Assessment of online courses for Department of Electrical Engineering .
- 8 Prof. MPS Chawla associates himself as expert resource person in AICTE Sponsored One Week Online Short Term Training Program on "Machine learning and AI for Applications in Language, Vision and Control" at Vidharbha.



Amazon Fires-Causes and Impact

Amazon rain forests which are home to 30% of the world known species have been burning for the last 6 months. They produce approximately 20% of the world's oxygen turn over and sink 20 % of world's carbon dioxide. Though, forest fires are a common thing during the dry seasons of July to October, but this time the loss was fatal with loss of more than 2.3 million animal lives.

As per the reports from NASA, massive fire burning areas were concentrated in water-stressed areas or drought prone areas. The stressed plants released measurably less water vapor into the air in order to conserve water within them. Deforestation and drought are interrelated. This has been talked about many times before. But, the measures being taken to reverse the direction of damage done are not serious enough. The proof is the continuous rising earth's average temperature. Since 1980's earth has observed average temperature rise of 1°C, which is credited to the increased carbon dioxide levels, which are already in the range of 440 ppm, the highest in the last 40,000 years. The levels have seen steep rise since 1930, when the data was 300 ppm.

It is anticipated that the fires will further negatively impact the carbon dioxide levels and lead to more frequent forest fires. The damage done is already irreversible and requires serious measures to be taken in this direction. Whether it is reduced use of fossil fuels, afforestation or promotion of renewable renewable energy sources, the decision has to be taken before its too late.

Innocent animals and plants must not pay the price of our luxurious.