



Review Report on Online Teaching and Learning Practices (29.9.2020)

The Center for Teaching-Learning Practices, PSG Institute of Technology and Applied Research, organized a meeting with the members of faculty in various departments to share the significant observations made during the review of virtual lectures conducted in the last two months. The meeting was organized with an intention to help the teaching fraternity in effective planning and delivery of contents through online.

The members of the advisory committee, consisted of Dr P.V.Mohanram, Principal, Dr G.Chandramohan, Vice-Principal, Dr P Subbaraj, Dean (Research), and Dr K Balaji, Asst. Professor (Sl.G) of Chemistry, made a visit to respective departments and opened an interactive forum to address the challenges faced while teaching virtually. The following tips and techniques were suggested by the members of advisory committee, to empower the virtual teaching-learning process:

- Accommodate a few in-presence learners, to create a lively classroom ecosystem
- Use green boards instead of white boards, to avoid reflection of lights
- Ask questions frequently to ensure the effectiveness of teaching and learning (Why, What & How)
- Facilitate the teaching-learning, with adequate examples and exercises
- Make an interactive presentation and encourage healthy discussions
- Ask thoughtful questions and develop thinking skills among students
- Request students to share their notes/exercises during teaching session itself
- Plan for flipped classroom teaching strategy in order to accelerate the syllabus completion
- Share the best assignments with all the students in the virtual mode
- Display and demonstrate the hardware components of an experiment
- Discuss the topics in detail with specificity to ensure in-depth understanding
- Employ cameras (at least two) to create a real-time class experience
- Make the students learn in the class hour itself
- Arrange to turn on the video of selected student volunteers throughout the session
- Use small and simple sentences in PPTs
- Use error-free language in communication



- Consider Chrome Tab for playing videos for better audio quality
- Use noise-free headsets during teaching for enhanced audio of student responses
- Utilize the Wacom tablets Elmo projector etc. for effective writing during the online classes
- Ensure quality of slides like brightness and font size (min 20) etc.
- Avoid sharing scanned materials from text books
- Create an inclusive and engaging learning ecosystem
- Use annotations, markings, and underlining (wherever required) in PPTs using appropriate tools in the system
- Maintain a professional gesture, in every aspect of teaching
- Refrain from colloquial language during content delivery
- Ensure standing posture throughout the session, to relish the classroom teaching experience effectively
- Be open for a dialogue with the administration for overcoming any difficulties
- Formulate and try to solve simple problems prior to generalisations for better understanding

Finally, the members of the advisory committee encouraged the facilitators to explore various other techniques and technologies like Open Broadcasting Software (OBS) to offer holistic learning experience for the remote learners. Also, they were requested to meet the Vice-Principal, Dr G Chandramohan, with self-evaluation checklist to contemplate on their individual teaching styles.



Dr. P.V. Mohanram, Principal, interacted with the members of faculty, Dept. of CSE during the review meeting on Online Teaching on 29.9.2020 in CSE Dept. Seminar Hall



Dr.G.Chandramohan, Vice-Principal, addressed the Members of Faculty in the Dept. of Computer Science and Engineering on 29.9.2020.