SiliconTech

Progression during **LOCKDOWN:**
an e-Report of Activities

A Preview:

The entire nation for the past forty five days has been undergoing a phase where social distancing has become a social reality. It has definitely been one of the most trying of times in recorded history, as regards loss of human life coupled with severe economic losses that the whole world has had to face. But it has also brought out the solidarity of human strength and resolve in the face of this pandemic crisis.

The collective effort of the entire populace engaged in the combat against COVID-19 is a commendable feat to witness. The lockdown brought about a complete stop to social interactions, yet social life did not come to a standstill. Every sector devised its own ways to provide services even from home. With #StayHomeStaySafe, came new challenges which were to be addressed and soon homes became work places for many.

The SiliconTech campus was closed, but the Institute was open throughout the ordeal – kudos to the faculty and staff for their diligence, adaptability and resilience given the difficult circumstances. The following report comprises Silicon's Work from Home (WFH) steps to bridge the quarantine gaps, and stay close and connected with the students.

The report highlights are as follows:

- Quarantine of student residents on campus
- Upkeep of the college campus
- Academics
- Placement ventures
- Summer Internship Programs

Quarantine of student residents:

Following the government directives Silicon observed a total quarantine/lockdown from March 23rd till date. Staff and faculty were asked to stay and work from home to ensure safety.The on-campus student residents were advised to leave for home.

Highlights:

- The campus has remained closed following lockdown but has continued to function with proper measures.
- Some of the students chose to stay back in the hostels and are still residing in campus, in a self-quarantined mode.
- The regular and essential facilities of the Institute have continued without fail.

Upkeep of the campus:

The maintenance of the campus has also been properly taken of, in spite of the restricted entry of staff and faculty. The Institute has been recently allowed some relaxation of restrictions, with a small percentage of the staff engaged in regular upkeep of the campus.

Highlights:

- The cleanliness and hygiene of the campus has effectively taken care of.
- The dining hall has been functional with proper measures ensuring hygiene.
- The gardening work has been going on relatively uninterrupted.
- Lab maintenance has been taken care of.
- Various sections of the building have been opened for cleaning and maintenance.

Academics:

On-line classes were conducted engaging the students of 2nd and 4th semester B.Tech, MCA and M.Tech students using various interactive platforms. The syllabus was covered as per the lesson plan.

Highlights:

- Topics covered with live lectures by faculty members, sharing hand-outs, telephonic discussions, content sharing over erp and emails, using primarily Zoom and Webex platforms.
- Special doubt clearing classes conducted.
- Online quizzes conducted as per schedule, using cloud.
- Library has been open and functional with limited hours.
- Online library links provided from the Institute.
- AICTE and BPUT initiatives for online courses and Faculty Development Programs with cost reimbursement, shared.
- Online MATLAB courses conducted.

Placement ventures and internships:

The Industry Interface Cell has been proactive and its functioning has not been hindered due to the lockdown. Several important activities have been carried out without any slowdown in the recruitment processes.

Highlights:

- Bharti Airtel online assessment test for campus recruitment. Around 40 students participated.
- Hackwithinfy Round 1 completed. 53 students qualified.
- InfyTQ training session conducted by Amphisoft technology for selected students for preparing for next round.
- Sixty hours of training sessions were conducted to prepare students for Synopsis.
- Synopsis selected 2 students for placements with 13 lpa.
- Spikewell Pvt Ltd selected 12 students of 2021 batch for Internship program. Students joined the internship on 4th of May.
- 35 students of 2021 are undergoing Python training conducted by Amphisoft. The program started on 4th of May.
- Foundation of VLSI course going on for 42 students.
- Preparations are ongoing for Summer internship for students. 15 courses offered, with more than 800 students to attend.
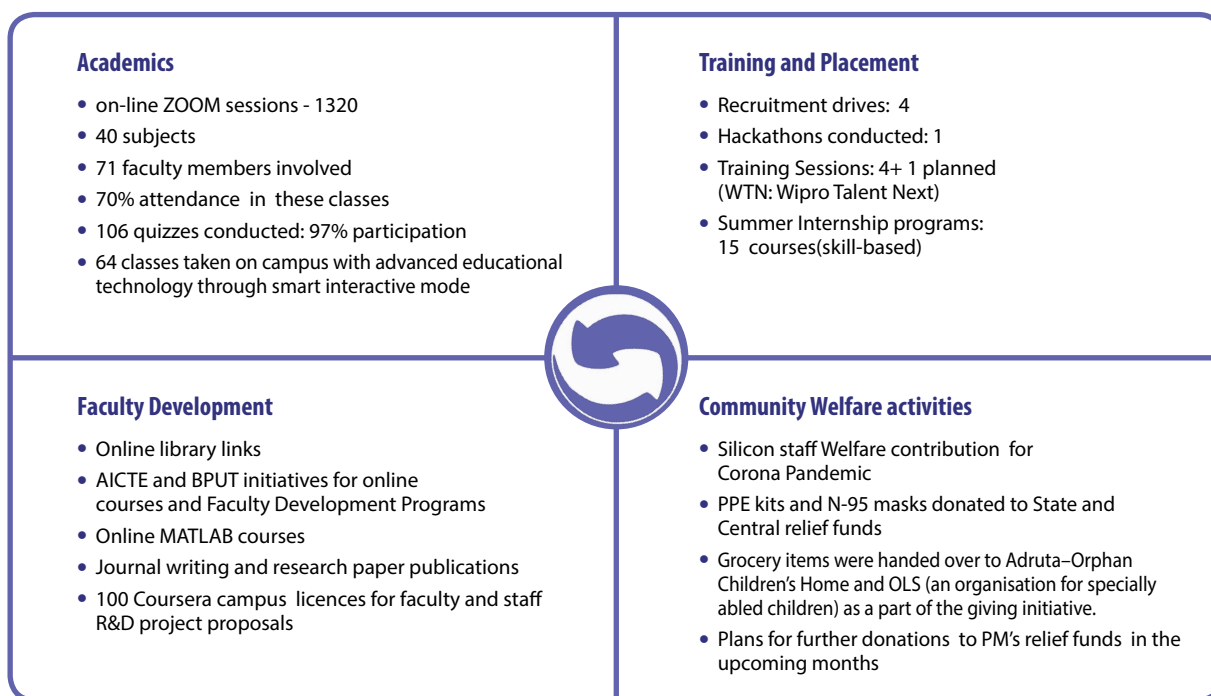
Community Welfare Activities

- Silicon Staff Welfare Committee has contributed for Corona pandemic, where PPE Kits and N-95 mask are to be donated to State and PM relief fund.
- Grocery items were handed over to Adruta–Orphan Children's Home and OLS (an organisation for specially abled children) as a part of the giving initiative.

At a Glance

I. Activities

II. Analysis

Academics

- on-line ZOOM sessions - 1320
- 40 subjects
- 71 faculty members involved
- 70% attendance in these classes
- 106 quizzes conducted: 97% participation
- 64 classes taken on campus with advanced educational technology through smart interactive mode

Training and Placement

- Recruitment drives: 4
- Hackathons conducted: 1
- Training Sessions: 4+ 1 planned (WTN: Wipro Talent Next)
- Summer Internship programs: 15 courses(skill-based)

Faculty Development

- Online library links
- AICTE and BPUT initiatives for online courses and Faculty Development Programs
- Online MATLAB courses
- Journal writing and research paper publications
- 100 Coursera campus licences for faculty and staff R&D project proposals

Community Welfare activities

- Silicon staff Welfare contribution for Corona Pandemic
- PPE kits and N-95 masks donated to State and Central relief funds
- Grocery items were handed over to Adruta–Orphan Children's Home and OLS (an organisation for specially abled children) as a part of the giving initiative.
- Plans for further donations to PM's relief funds in the upcoming months

III. Upcoming Events

- Preparing video lectures
- Virtual Lab classes to be conducted
- Updating existing labs to accommodate online live sessions
- Extra doubt clearing sessions to be organized
- Advanced audio-visual facilities for online sessions
- Online assessments to be conducted

Summary:

From a distance and despite the isolation, Silicon has functioned proactively accommodating progressive measures to employ it's resources during these difficult times. Even though the disaster of the COVID-19 outbreak is an unprecedented problem yet the collaborative endeavors of the Silicon family is laudable. Engaging and enabling technology, academic activities have progressed seamlessly. The Industry Interface Cell has ensured that there is no slow down in the placement process and summer internship courses have had a significant number of students enrolled. This has been recently followed by the roster duties of faculty and staff to smoothen the ongoing process. Social distancing has not distanced the Institute from its inmates except the fact that it has accepted a different modus operandi to meet unforseen challenges imposed by the pandemic. Silicon has been able to efficiently engage its resources to not only overcome the academic anxieties but has also extended itself to the community at large. The Institute's efforts at community and social welfare services through contributions in relief funds and providing assistance to orphan children's home is an added feather to its cap.

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