Sree Narayana Gurukulam College of Engineering

Annual E-Governance Report 2020-2021

The year 2020 was a challenging to the SNGCE too, along with the entire world due to the onset of the Covid-19 pandemic. This phase was managed well by the SNGCE through the e-governance efforts. A brief overview of the e-governance initiatives implemented by the college during the academic year 2020-2021 is given below:

All educational institutions were under lockdown due to the pandemic, which necessitated a shift from regular class rooms to remote learning and online education. The e-governance initiatives implemented during the year were aimed at facilitating the transition to online education and ensuring uninterrupted education services to students.

E-Governance Initiatives:

The college implemented a practice by which classes were held online using the standard communication and meeting channels. The students were encouraged to submit their assignments and answer tests online. This facilitated the smooth submission of assignments, clarification sessions and evaluations remotely. The system was effectively used by all students. Virtual meeting platforms like Zoom Meetings and Google Meet were used extensively by the staff to conduct classes, seminars, online industrial visits, national and international webinars and conferences.

The college shared e-learning materials using various platforms to help students continue their learning during the pandemic. This facilitated the efficient dissemination of educational content.
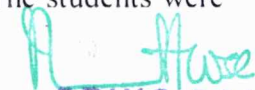
Live Classes:

Live classes were conducted through YouTube and other media to support continuous learning through the pandemic days. The live classes were interactive and engaging, and they enabled students to receive real- time feedback and support.

Administration, Finance and Library services:

The student support activities and programs were also facilitated with the merging of e-governance into the routine working mechanism of the college. All administrative decisions were disseminated to those concerned through online channels. The fee collection, issue of certificates, marking of attendance, the disbursal of payments, remittances to PF, ESI etc… were done online to the extent possible and convenient to the other party. The students were

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encouraged to maximise the use of ICT learning platforms like NPTEL and MOOC. Library Management System was upgraded earlier to include Top Score Library Solutions which facilitated centralised management, processes and library activities such as acquisition, cataloguing, circulation, administration, reporting etc. This integrated library management system is sharing a common database to perform all the basic functions of the library. The library also has continued the efficient bar code system by which a unique item number is assigned to each user and circulation item. It helped improved inventory management, faster check-in and check-out facility, easy sorting of books, reduced staff workload, increased efficiency, accuracy and circulation capabilities.

Hardware and Software Infrastructure:

The College ensured that its hardware and software infrastructure were equipped to support remote learning and online education. The maintenance and repair of hardware and software infrastructure were systematically carried out. It was ensured that all authorized personnel had access to the necessary hardware and software to perform their duties efficiently.

Conclusion:

The e-governance initiatives implemented by the college during the academic year 2020-2021 were aimed at facilitating the transition to online education and ensuring the provision of uninterrupted education services to students during the lockdown necessitated by the COVID-19 pandemic. The initiatives were successful in enabling students to continue their learning remotely, and the efficient conduct of assessments, assignments and examinations. The e-governance initiatives also prompted the updating of the college's hardware and software infrastructure to support online education. This, in turn enabled the institution to maintain the academic integrity. Overall, the institution's e-governance initiatives were a success, and the organization will continue to implement and improve the same. The success of the e-governance initiatives encouraged the college to continue the process in parallel with physical classes and assessments in the future to provide quality education services to students.

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