JSS COLLEGE OF ARTS, COMMERCE & SCIENCE
OOTY ROAD, MYSURU-570 025 KARNATAKA

Report on Trends in Technology -2022-23

Trends in technologies play a crucial role in the education of students, offering a wide range of benefits that enhance learning experiences and prepare students for the future. Technology allows students to connect with peers, experts, and resources globally and also help in development of skills such as critical thinking, problem-solving, creativity, and digital literacy. Online courses, e-books, and digital resources offer flexibility in learning, allowing students to access materials at their own place and convenience.

The faculty members train the students for the use of various software applications, such as Google Meet, Zoom, and Google Classroom. Cloud services, such as Google Drive, Dropbox, and Microsoft One Drive for storing and accessing documents, presentations, and other files. These tools were instrumental in allowing students to attend online classes, participate in virtual seminars, and take online tests, providing them with the flexibility to learn from the comfort of their own locations.

The newly admitted students (400) of our college were provided with awareness programs and training sessionson for the usage of Unified University/College Management System (UUCMS) aligns with best practices in educational technology implementation. The National Education Policy (NEP) emphasizes the integration of technology in education, and a UUCMS can play a crucial role in streamlining various processes from admission to course mapping, attendance tracking, and marks updating and engage with educational resources more effectively. When students are well-versed in using the UUCMS, it can contribute to an enhanced learning experience.

Mentors assist students in learning how to apply for online services such as bus passes, scholarships, and income caste certificates and by utilizing various tools and technologies, this guidance proves to be even more beneficial for students.

Students of Life science departments (UG & PG) students are educated to use the Google lens application which helps to identify the organisms to the species level their distribution and geographical location.

Smart phone and smart watches are common these days. Utilization of these gadgets to have an awareness on personal health (Blood pleasure, Heartbeat, calories burnt in a day due to the various exercises) and for academic purposes like searching for recent development in topics related to the syllabus and usage of web platforms related to academics such as Swayam channels, National digital library and Mooc platforms for academic excsllence.
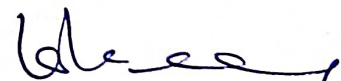
Exposure to advanced technologies can inspire students to think innovatively and pursue entrepreneurial ventures. Students equipped with technological skills may contribute to the development of new ideas and solutions.

With the increased use of digital platforms, cybersecurity awareness has become crucial. Students are encouraged to be vigilant about online privacy, secure passwords, and protection against cyber threats.

All the department have created what's app. Group including faculties and students to circulate the academic information.

In addition to this, the Department of Computer Science organized various webinars and seminars like Emerging trends in internet of things, Artificial neural networks and its application, Industry fit with data science and Learning perspective to design own projects to enhance students' understanding of different technologies.

It's essential to stay updated on current trends, as the technology landscape is continually evolving.

Principal
JSS College of Arts, Commerce & Science
Ooty Road, MYSURU-25