

International Webinar on Smart Manufacturing - Textile Defect Detection using AI/ML

Organized by

Department of Computer Science

In collaboration with

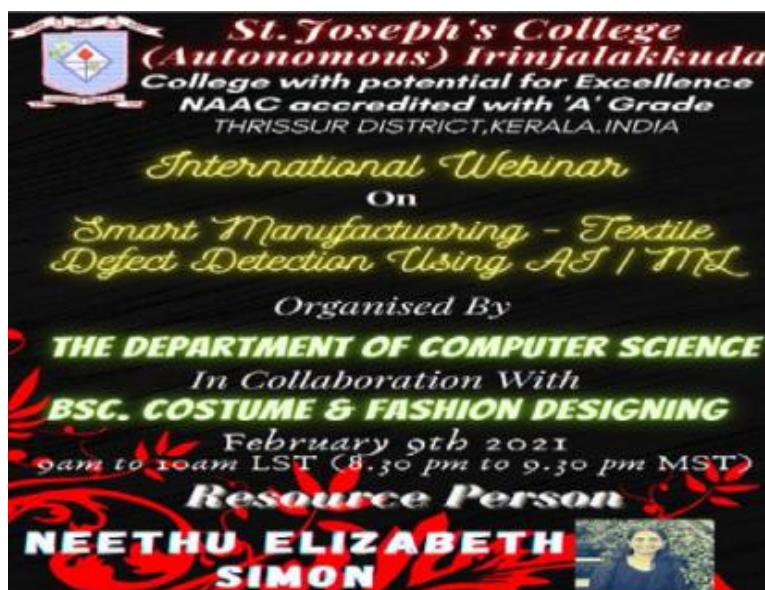
BSc Costume & Fashion Designing

Date: 09-02-2021

Venue: Online Platform (Zoom)

Report of the event

The department of Computer Science and B.Voc Software development, St. Joseph's (Autonomous) College, Irinjalakuda in collaboration with BSc Costume & Fashion Designing, St. Joseph's (Autonomous) College, Irinjalakuda organized an International webinar titled **Smart Manufacturing - Textile Defect Detection using AI/ML** on 9th February 2021 through the online platform, Zoom. The webinar was well attended by eminent academicians, faculty members and students from reputed technical and various educational institutions. The enormous response was well recognized through the registration of around 150 participants (Participants were Faculty, Research Scholars and PG students of various Colleges).



The program commenced with the inaugural ceremony by invoking the blessings of the Almighty. **Mrs. Minla K S**, Faculty of the Computer Science Department, formally welcomed all the dignitaries and participants from the various educational institutions, colleagues, guests and students. She pointed various applications of this topic in diverse fields and hoped that the participants will be highly benefited by the lectures.

The webinar was started immediately at 8.30am and our resource person, **Neethu Elizabeth Simon**, Software Engineer, Intel Corporation in the Internet of Things delivered her energetic talk on ‘Smart Manufacturing - Textile Defect Detection using AI/ML’. The entire session was very interactive and many of our participants were actively interacted with the resource person. The students also had all their queries solved and doubts cleared by the resource persons, who were always present there to assist them. This session came to an end at 9.30am.

Textile Manufacturing: Thin margins, labor intensive

- Thousands of threads must come together flawlessly
- Failure to quickly detect a defect can cause an entire run to be scrapped
- Margins are tight, so a missed defect can be catastrophic
- Labor is not technologically savvy, believe they cannot afford AI. Intimidated



In the end, Ms. Rincy, Head of the department of BSc Costume & Fashion Designing, St. Joseph's (Autonomous) College, Irinjalakuda offered a vote of thanks to all including the Principal, the HOD, and faculty advisors without whom this event wouldn't have been possible and all the invited guests for gracing the occasion by their solemn presence and to all the participants of the webinar who were the main ingredient of this webinar.

Link to the website: <https://www.stjosephs.edu.in/department/computer-science/seminars.html>