



KLS V^DIT, HALIYAL

Transforming Through Technology



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG.

Technical Talk on

“SMART TEXTILES”



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

In view of

National Youth Day (12th January)

25 Technical Talk Series
VTU Silver Jubilee Year



Dr. L. R. Somanagoudar,
Prof. & Head, Textile Technology,
REC Hulkoti.

14th January 2023
11.00 AM Onwards
Online Mode
Google Meet

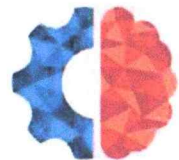
Dr. Mahendra M. Dixit,
Prof. & Head (E&CE)

www.klsvdit.edu.in

Dr. V. A. Kulkarni,
Principal



INSTITUTION'S
INNOVATION
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Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)



PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS V^DIT, HALIYAL -581329
IIC CODE: IC202218479

Principal
KLS Vishwanathrao Deshpande
Institute of Technology
Haliyal



Karnatak Law Society's

**VISHWANATHRAO DESHPANDE
INSTITUTE OF TECHNOLOGY, HALIYAL**

(Recognized Under Section 2(f) of UGC Act, 1956)

Approved by AICTE, New Delhi, Affiliated to V. T. U., Belagavi

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 14.01.2023

Report on SMART TEXTILES

Date of Event	:	14.01.2023
Talk Title	:	"SMART TEXTILES"
Occasion of Event	:	NATIONAL YOUTH DAY (12 th January)
Resource Person	:	Dr. L. R. Somangoudar, Prof. & Head, Textile Technology, R. E. C. Hulkoti.
Venue	:	DSP Lab
Mode	:	Blended Mode

The following is the brief report on **Technical Talk**:

- The **Department of Electronics & Communication Engg., KLS Vdit, Haliyal** successfully conducted Technical Talk on entitled with "SMART TEXTILES" on 14th January 2023 in view of **National Youth Day (12th January)**. **Dr. L. R. Somangoudar, Prof. & Head, Textile Technology, REC Hulkoti** was the **Guest Speaker** for the event.
- The event was organized in association with **Institution's Innovation Council (IIC), KLS Vdit, Haliyal**.
- **Prof. Suraj Kadli**, Master of Ceremony formally welcomed gathering and briefed about the relevance of the Talk.
- **Dr. Mahendra M. Dixit, Prof. & Head, Department of Electronics and Communication Engg., KLS Vdit, Haliyal** welcomed the Guest Speaker, Faculty participants with a brief introduction about the event and the **Guest Speaker**.
- **Dr. L. R. Somangoudar** Started his Session by highlighting the significance of **Normal Textiles, Technical Textiles** and then about the **Smart Textiles**. He focused on **Scaffolding nets, Tarpaulins** with respect to **HDPE, Cotton Canvas** and **Jute** varieties in brief.
- **GEO Textiles** applications like Construction of Roads, Railways Lining, River Canal and Costal works were also described in detail along with Technology behind the manufacturing.
- He presented his views on **Electronics Textiles** which are smart in nature are under **research and development** due to their advantages, disadvantages and applicability.
- He emphasized on **Smart wearable clothing** which accommodates **sensors** and **actuators** and **technology** demanding latest state of art applications with low cost solutions.
- **Dr. L. R. Somangoudar** ended his presentation with several illustrations such as **PROTEC, SPORTSTECH, MOBILTECH, MEDITECH** and **INDUTECH** Applications.
- **Prof. Suraj Kadli** presented a formal vote of thanks at this juncture.
- **All Faculty Members and Students** participated in this **program** and gained **subject knowledge**.

Principal
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Date: 14.01.2023

“SMART TEXTILES”



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