SAMUEL KAKI

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19-2-369/188/230/C SRT CLB Colony, Hyderabad, T.S.



ACADEMIC DETAILS

Year	Degree / Board	Institute
2021	M.Tech in Fibre Science & Technology	Indian Institute of Technology, Delhi
2019	Bachelor of Technology (Carpet & Textile Technology)	Indian Institute of Carpet Technology
2014	Board of Intermediate Education, Andhra Pradesh	Narayana Jr. College
2012	Board of Secondary Education, Andhra Pradesh	Crown International High School

INDUSTRIAL TRAINING

- **Improving Efficiency of Packing Line, Welspun Group** [May 2018 - June 2018]
  Improved the Packing Line Efficiency with Decrease in Number of Employees Associated to the Packing Line.

SCHOLASTIC ACHIEVEMENTS

- JEE Advance AIR: 2275 [June 2014]
- Graduate and Aptitude Test in Engineering (GATE) Rank: 245 [GATE - 2019]

PROJECTS

- **M.Tech Project**: Anti-Microbial Properties of Graphene & Graphene Oxide. [June 2021]
- **B.Tech Thesis**: Study on Extraction Effect on Colour Yield of Clitoria Ternatea [June 2018 - May 2019]
  - Comparative Study with Extraction form Madder (RUBIA CORDIFOLIA)
- Study on Bio-Degradable Fibres (Prof. Mangala Joshi) [July 2019 - Nov 2019]

TECHNICAL SKILLS

- Home Textile Technology.
  - Textile designing, Apparel, Fashion.
  - Various forms & types of stitches, technical usage of fabrics and its manufacturing.
- Analytical Skills
  - SEM, FTIR Spectroscopy, DSC, TGA, TMA, Tensile Tester, XRD.
- Material Processing
  - Fabric Manufacturing.
  - Melt Spinning Techniques, Solution Spinning Techniques.
  - Production Line of Various Fibres.
- Computer Knowledge
  - Technical Computer Operations, MS Office, Corel Draw, Auto-cad.
  - Basic Computer Languages.
  - Data Analysis using various Softwares.

EXTRA CURRICULAR ACTIVITIES

- Volunteered Life-Line Express (Mahindra Tech Group). [Feb 2016]
- Volunteered Shiksha Abhiyan, IICT.
- Games.

POSITIONS OF RESPONSIBILITY

- Technical Co-Ordinator @ Textile Engineering Society (TES) in IIT Delhi. [June 2020 - May2021]
- Technical Editor, IICT SWC(Student Welfare Committee) [May 2018 - May 2019]
  - 13th Edition of TANA BANA.
- Technical Assistant, IICT Alumni Association [May 2018 - June 2019]
  - Website Designer of IICT Alumni Association.
- Training & Placement Representative, IICT [May 2017- June 2019]

COURSES

Spinning, Weaving, Finishing, Polymer And Fibre Chemistry, Polymer And Fibre Physics, Technology Of Melt Spun Fibres, Theory And Practice of dyeing, Polymer And Fibre Chemistry Laboratory, Polymer And Fibre Physics Laboratory.