Board of Company

**Prof. Ashutosh Sharma**
Mentor
Department of Chemical Engineering
IIT Kanpur

**Dr. Sandip Patil**
Founder & CEO
Education:
Ph.D IIT Kanpur

**Mrs. Jagruti Patil**
Managing Director
Education: Master of Computer Management
E-Spin Nanotech Pvt. Ltd

- Founded: 2010
- E-Spin Nanotech is a supplier of lab and industrial scale nanofiber production equipments and nanofiber products.
- Strategic Collaborators:
  - I.I.T Kanpur
  - CGCRI Kolkata
  - Sam Higginbottom Institute Technology and Science
  - Techno orbital Pvt. Ltd.
  - UDCT, NMU Jalgaon
  - Tata Chemicals
Annual Growth.....
**Product**: Electrospinning unit for Nanofibers Fabrication

- **Super-ES-1 and Super-ES-2 series**
Nanofiber production unit: Accessories

All these accessories are specially designed for nanofiber alignment, easy peeling of nanofibers and strip type and random nanofibers fabrication.
Ultra high resolution syringe pump specially designed for dispensing small amount of liquid during fiber fabrication.
Product: Nanofiber scaffolds

Aligned PCL Nanofiber Scaffolds for Tissue Engineering Research
Product: Nano-fiber cell culture plates

Cell Culture Products
Provides a Platform for Biological Research at Very Low Cost
Present R&D status

- Development of nanofiber technology for industries
Client....
We Believe ...........

Innovation  Initiation  Implementation
Valley of death

The valley of death is where many “good” science ideas, technologies, new products and processes die.

Our Aim............

Good scientific research and ideas

Industry: firms and users
Innovation Ecosystem @IITK

- Start-up company registration with help of SIIC: Easy
- Incubation process: Easy
- Infrastructure: Excellent
- Availability of funding: Excellent
- Corporate culture: Just fine
- Business planning and growth strategy: Not Much
- Prototype building and start-up representation to the corporate world: Not Much
- Exit plan after maturity: Just fine
- Company advertisement at commercial level: Not Much
Inputs: institutional approach

University policies and activities:

- Extent to which knowledge transfer and entrepreneurship and innovation (E&I) activities are apparent within institute
- Connections between the E&I activities/policies across the Institute
- Appointment of experts in E&I to deliver training/workshop/talk
- Breadth of activity/resources in place at the Institute (e.g. incubator/accelerator, student competitions, proof of concept centre)
- Level of university resource allocated to Institute/industry interactions
- Extent to which innovation and entrepreneurship are considered in faculty recruitment/promotions procedures
- Whether opportunities are offered by the institute for partnership with regional companies
- Amount of curricular time devoted to entrepreneurship and innovation across all engineering and science disciplines

Good  Just Fine  Institute should consider
Development of Innovation eco-system and Entrepreneurial culture capacity within the Institute

- Student and staff career intentions and options (self reported)
- The prominence of faculty entrepreneurs as role models
- The extent to which peer entrepreneurial talent is recognised and admired amongst the student body
- Percentage of engineering/technology students and staff involved in voluntary entrepreneurship and innovation activities
- Whether student and staff participation in voluntary entrepreneurship activities is increasing
- Faculty attitudes towards and level of trust in the institute technology transfer office (or equivalent)
- Percentage of faculty engaged in disclosures/patenting activity
Thank You!