



# SCHOOL OF ENGINEERING

**MECHANICAL ENGINEERING**

**ELECTRICAL ENGINEERING**

**CIVIL ENGINEERING**

**ELECTRONICS & COMMUNICATION  
ENGINEERING**

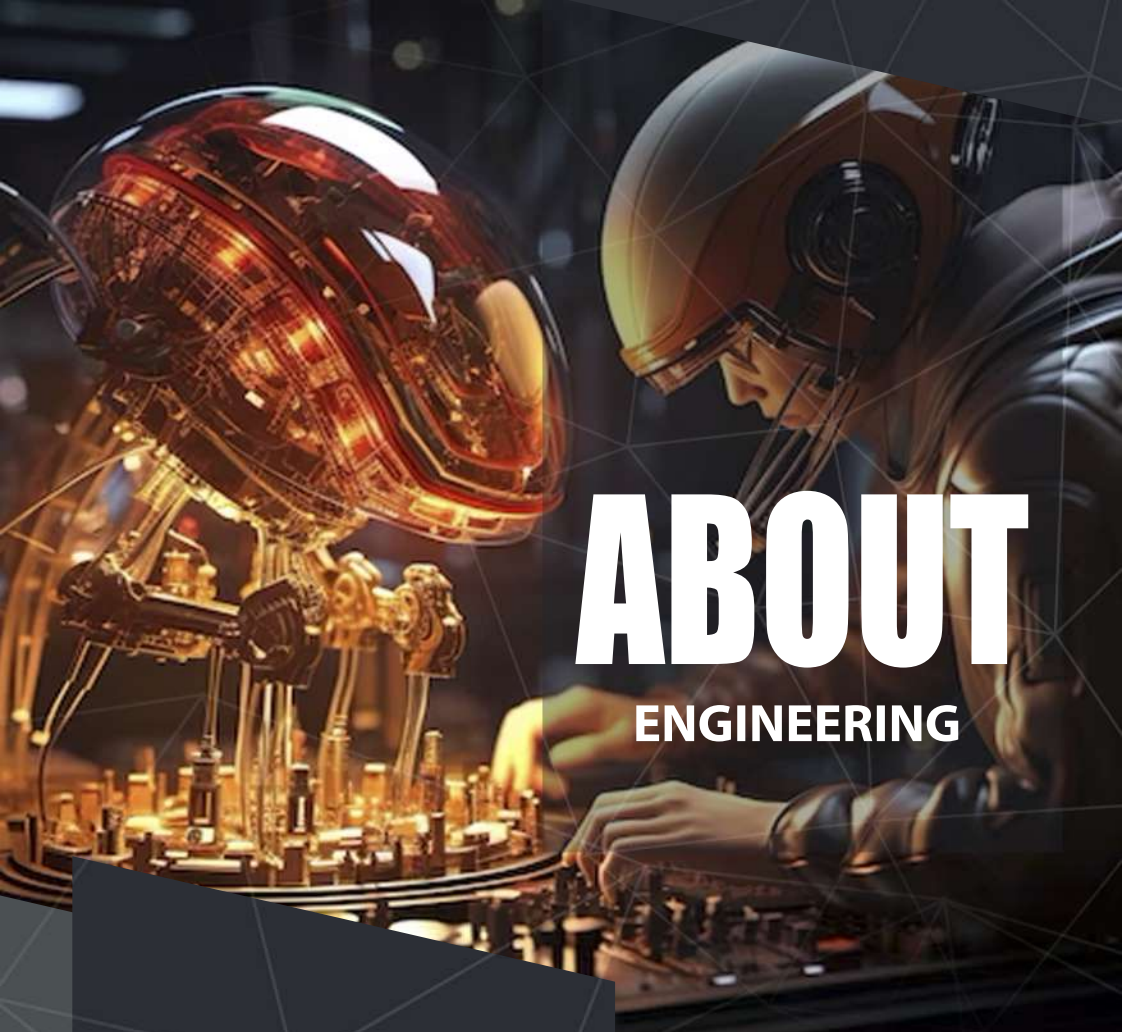
When you are doing any work.. do it as worship, as the highest  
worship, and devote your whole life to it for the time being.

.....*Swami Vivekananda*



**More Info**  
**Call: +91 70440 86270**  
[www.swamivivekanandauniversity.ac.in](http://www.swamivivekanandauniversity.ac.in)





# ABOUT ENGINEERING

## Mission

- To be a student centric institute imbibing experiential, innovative and lifelong learning skills, addressing societal problems.
- To promote and undertake all-inclusive research and development.
- To inculcate entrepreneurial attitude and values amongst Learners.
- To strengthen National and International, Industrial and institutional collaborations for symbiotic relations.
- To mentor aspiring Institutions to unleash their potential, towards nation building.

## Vision

To be a Value based Globally Recognized Institution ensuring academic excellence and fostering Research, Innovation and Entrepreneurial Attitude.

## Core Values (S T E E R)

- Strength
- Truth
- Endurance
- Ethics
- Reverence for All

# SCHOOL OF ENGINEERING

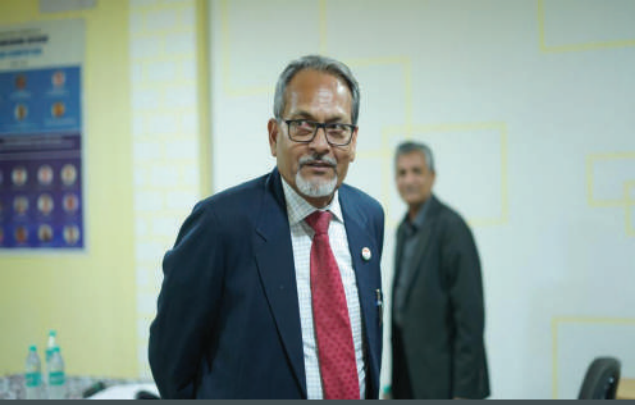


## Why Engineering @SVU

- The Technical Knowledge On Offer Is Unparalleled
- A Multifaceted Launchpad For A Promising Career
- Secure A Job, With Job Security
- International Scope
- The Business Perspective
- Further Study Options
- Application Beyond Learning
- Research Potential Galore
- Placement Opportunities







## OUR EMINENT MENTORS



**PROF. (DR.) SURANJAN DAS**

Vice-Chancellor,  
Adamas University



**PROF. (DR.) DHRUBAJYOTI CHATTOPADHYAY**

Vice Chancellor,  
Sister Nivedita University ,Kolkata



**PROF. (DR.) DEB NARAYAN BANDYOPADHYAY**

Founder Vice Chancellor, Bankura University



**PROF. (DR.) SHOROSIMOHAN DAN**

Former Vice Chancellor , The University of Burdwan



**PROF. (DR.) NEMAI SAHA**

Former Vice-Chancellor , The University of Burdwan



**DR. BAIDYANATH CHAKRABARTY**

Renowned Gynecologist and IVF Specialist



**PROF.(DR.) BASHABI FRASER**

Professor Emerita of English and Creative Writing  
Director, Scottish Centre of Tagore Studies  
(ScoTs) School of Arts & Creative Industries  
Edinburgh Napier University

# ELECTRICAL ENGINEERING FACULTY PROFILE

## ACADEMICS HIGHLIGHTS

No. of Ph.D. Faculty : (In No.) 2  
No. of Post Doc Faculty : (In No.) 0  
No. of Project submitted : (In No.) 0  
No. of Project Submitted : (In No.) 0  
Department Wise Patent Applied : (In No.) 50  
Department Wise Granted Patent : (In No.) 3



**DR. RITUPARNA  
MITRA**

Assistant Professor and Head of the  
Department  
Specialization: Power And Energy System



**MR. ABHISHEK DHAR**

Assistant Professor  
Specialization: Power And  
Energy System



**MR. AVIK DATTA**

Assistant Professor  
Specialization: Control And  
Instrumentation



**MR. TITAS KUMAR NAG**

Assistant Professor  
Specialization: Power System



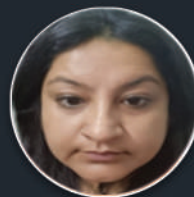
**MRS. SUSMITA  
DHAR MUKHERJEE**

Assistant Professor  
Specialization: Power And  
Energy System



**MR. PROMIT KUMAR SAHA**

Assistant Professor  
Specialization: Power Electronics



**DR. RITUPARNA MUKHERJEE**

Assistant Professor  
Specialization: Power System, Control System



**MR. SUVRAUJJAL  
DUTTA**

Assistant Professor  
Sprcilization : Power System



**MS. ARUNIMA MAHAPATRA**

Assistant Professor  
Specialization: Power System Engineering





# MECHANICAL ENGINEERING FACULTY PROFILE

## ACADEMICS HIGHLIGHTS

No. of Ph.D. Faculty: 4  
No. of Post Doc Faculty: 1  
No. of Project Submitted: 1  
Department Wise Patent Applied : 19  
Department Wise Granted Patent : 2



**DR. RANJAN KUMAR**

Assistant Professor and Head  
of the Department  
Specilization : Design



**DR. BIKASH PANJA**

Professor  
Specilization :  
Machining and Tribology



**DR. MD ERSHAD**

Assistant Professor  
Specilization :  
Manufacturing



**DR. SAMRAT BISWAS**

Assistant Professor  
Specilization : Fluid Mechanics



**DR. RAVI NIGAM**

Assistant Professor  
Specilization : Design



**MR. SOUMYA GHOSH**

Assistant Professor  
Specilization : Thermal Engineering



**MR. SOUMAK BOSE**

Assistant Professor  
Specilization :Manufacturing



**MR. SAYAN PAUL**

Assistant Professor  
Specilization :Fluid  
Mechanics



**MR. ARIJIT  
MUKHERJEE**

Assistant Professor  
Specilization :Manufacturing Technology



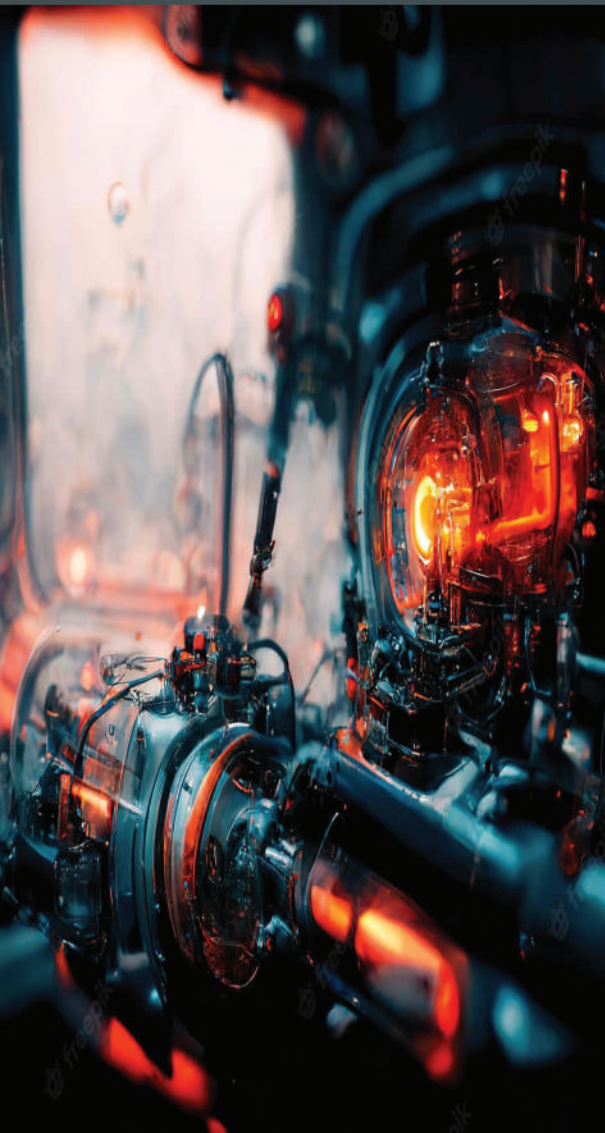
**MR. SUMAN KUMAR  
GHOSH**

Assistant Professor  
Specilization :  
Production Engineering



**DR. ABHISHEK  
PODDAR**

Assistant Professor  
Specilization : Materials Science &  
Technology



# CIVIL ENGINEERING FACULTY PROFILE

## ACADEMICS HIGHLIGHTS

No. of Ph.D. Faculty : 6  
No. of Post Doc Faculty:1  
No. of Project submitted:1  
No. of Project Granted: 0  
Department Wise Patent Applied:17  
Department Wise Granted Patent:2



**DR. ABIR SARKAR**

Assistant Professor and Head  
of the Department  
Specilization : Geotechnical  
Engineering



**DR. BISHNU PADA BOSE**

Assistant Professor  
Specilization : Geotechnical  
Engineering



**DR. ASHES BANERJEE**

Assistant Professor  
Specilization : Water  
Resource Engineering



**DR. JOY KUMAR  
MONDAL**

Assistant Professor  
Specilization : Geotechnical Engi-  
neering



**DR. NILANJAN  
TARAFDAR**

Assistant Professor  
Specilization : Advanced Concretes for  
Structures



**MR. SUNIL PRIYADARSHI**

Assistant Professor  
Specilization : Geotechnical Engineering  
( Soil Stabilization)



**MS. DEBANJALI ADHIKARY**

Assistant Professor  
Specilization : Geotechnical Engineering



**MR. SAMIR KUMAR**

Assistant Professor  
Specilization : Structure  
Engineering



**MR. ARKA MITRA**

Assistant Professor  
Specilization : Construction Engineering



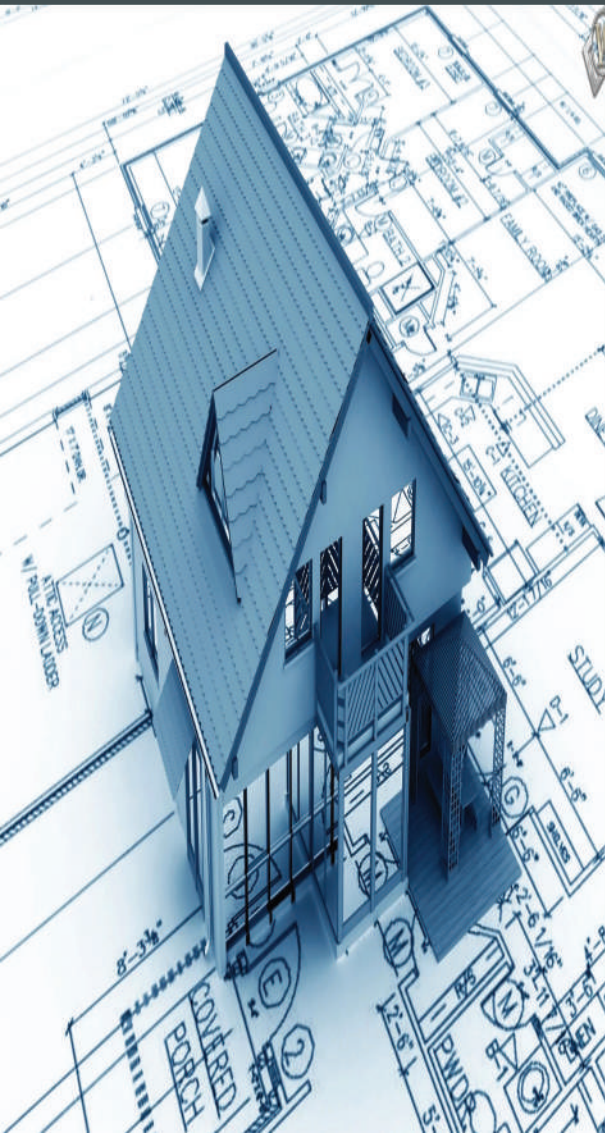
**MR. AVISHEK  
ADHIKARY**

Assistant Professor  
Specilization : Environmental and  
Geoenvironmental Engineering



**MS. SARNALI  
SARKAR**

Assistant Professor  
Specilization : Geotechnical Engineering





# ECE FACULTY PROFILE

## ACADEMICS HIGHLIGHTS

No. of Ph.D. Faculty : (In No.) 6  
No. of Post Doc Faculty : (In No.) 2  
No. of Project submitted : (In No.) NIL  
No. of Project Submitted : (In No.) NIL  
Department Wise Patent Applied : (In No.) 1  
Department Wise Granted Patent : (In No.) NIL



**DR. SHREYA ADHIKARY**

Assistant Professor  
Specilization : Biomedical  
Instrumentation



**DR. DEBASIS MONDAL**

Assistant Professor  
Specilization : Wireless  
Communication



**DR. ARINDAM SADHU**

Assistant Professor  
Specilization : VLSI



**DR. DEBRAJ  
CHAKRABORTY**

Assistant Professor  
Specialization: RF & Microwave



**DR. PRADIPTA MAITY**

Assistant Professor  
Specilization : Wireless  
Communication



**SK. BABUL AKHTAR**

Assistant Professor  
Specialization: Kalman Filter



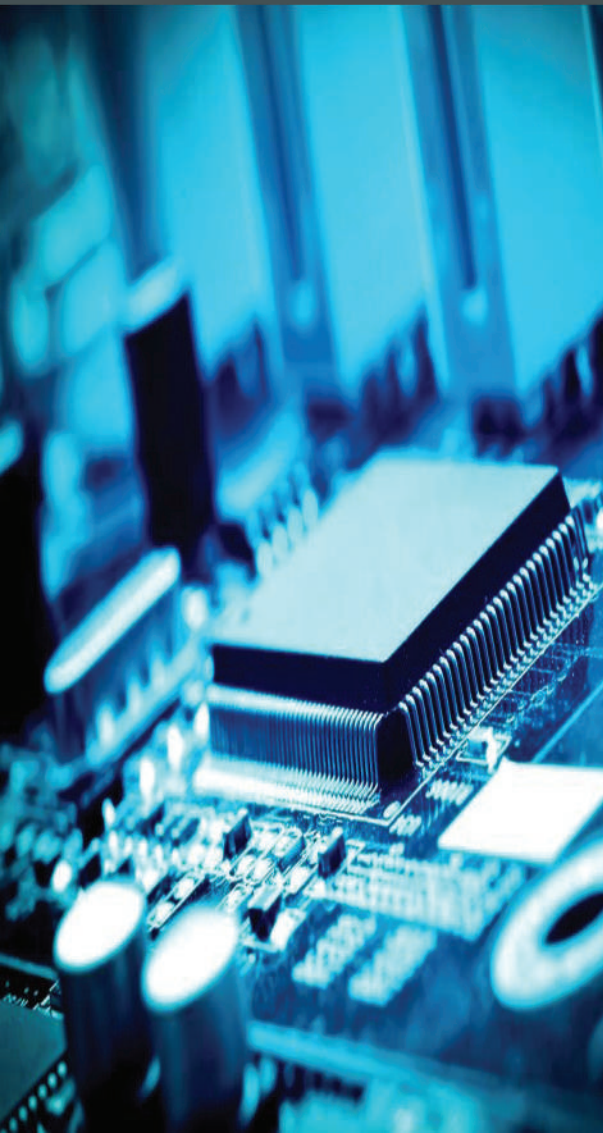
**MR. TOMAL SUVRO  
SANNYASHI**

Assistant Professor  
Specilization : Communication



**SK. BABUL AKHTAR**

Assistant Professor  
Specialization: Kalman Filter





# SOME OF OUR PLACED CANDIDATES



**SIMAN CHANDA**  
STREAM: B.TECH IN EE



**MOSARAF SK**  
STREAM: B.TECH IN ME



**SUBHAM MONDAL**  
STREAM: DIPLOMA IN EE



**ARIJIT SAMANTA**  
STREAM: B.TECH IN ME



**ADITYA TRIPATHI**  
STREAM: DIPLOMA IN EE



**SAJAL DAS**  
STREAM: B.TECH IN ME



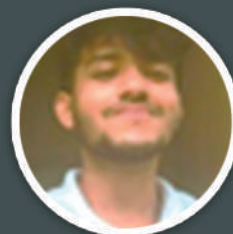
**ABHISHEK PATTANAYAK**  
STREAM: DIPLOMA IN EE



**PRAKASH CHANDRA PANDEY**  
STREAM: B.TECH IN ME



**SAYAK MAITY**  
STREAM: DIPLOMA IN EE



**PRITAM GANGULY**  
STREAM: B.TECH IN ME



# ENGINEERING LABORATORY

## Make: Fine Testing Instrument (India)

- Description:
- Rockwell Micro hardness tester



## Make: Advanced Testing Equipments

- Description:
- Bernoulli's equipments



## Make: Advanced Testing Equipments

- Description:
- Reynolds Apparatus



## Make: Advanced Testing Equipments

- Description:
- Friction in a Pipe



## Make: Advanced Testing Equipments

- Description:
- Venturimeter
  - Orificemeter



## Make: Advanced Testing Equipments

- Description:
- 2- Stroke Petrol Engine



## Make: Advanced Testing Equipments

- Description:
- 4-Stroke Diesel Engine



## Make: Advanced Testing Equipments

- Description:
- 4-Stroke Petrol Engine



## Make: Advanced Testing Equipments

- Description:
- Bomb Calorimeter



## Make: Advanced Testing Equipments

- Description:
- Flash Point Fire Point testing



## Make: Advanced Testing Equipments

- Description:
- Redwood Viscometer - I



## Make: Advanced Testing Equipments

- Description:
- 4-Stroke Diesel Engine Model





# ENGINEERING LABORATORY

## Make: INSTRON, UK

- Description:
- 25 KN Nano servo controlled UTM
  - Material Testing
  - Fatigue
  - LCF, HCF, J Integral
  - Crack analysis
  - Testing tensile strength & compressive strength

## Make: Laxmi Machine Works

- Description:
- Coupled spindle VMC
  - Working Capacity- X/Y/Z :600/500/400
  - Material Testing
  - Testing tensile strength and compressive strength

## Make: HPSM , Kolkata

- Description:
- Power Saw

## Make: HPSM, Kolkata

- Description:
- Medium Duty High Precision Gearing Pillar Drill Machine having drilling capacity of 25 mm in steel

## Make: Shenzhen Smart Electromechanical Co., Ltd

- Description:
- 3 Phase DC Arc Welding

## Make: Kepro

- Description:
- Kepro Magma 3 phase MIG

## Make: PSP

- Description:
- Centrifugal Governor

## Make: FLASHFORGE

- Description:
- Flashforge Creator 3 Pro
  - Twin extrusion type FDM 3D Printer with maximum build volume of 300\*250\*200 mm
  - Filament Compatibility PLA / ABS / PA / PC / PVA / HIPS / PETG / Wood / ASA / PACF
  - 3-D printing
  - Additive Manufacturing

## Make: HPSM, Kolkata

- Description:
- Slotting Machine having stroke length of 150mm, having longitudinal movement of 200 mm, cross movement of 110 mm

## Make: HPSM, Kolkata

- Description:
- Extra heavy duty Semi Planner Lathe having length of bed 6 1/2', equipped with 6 Speed NORTON Gear head.

## Make: HPSM, Kolkata

- Description:
- HPSM Make Heavy Duty High Precision No. 1 Universal Milling Machine having table size 1219 x 254 mm

## Make: Fine Testing Instrument (India)

- Description:
- Charpy and Izod impact testing machine

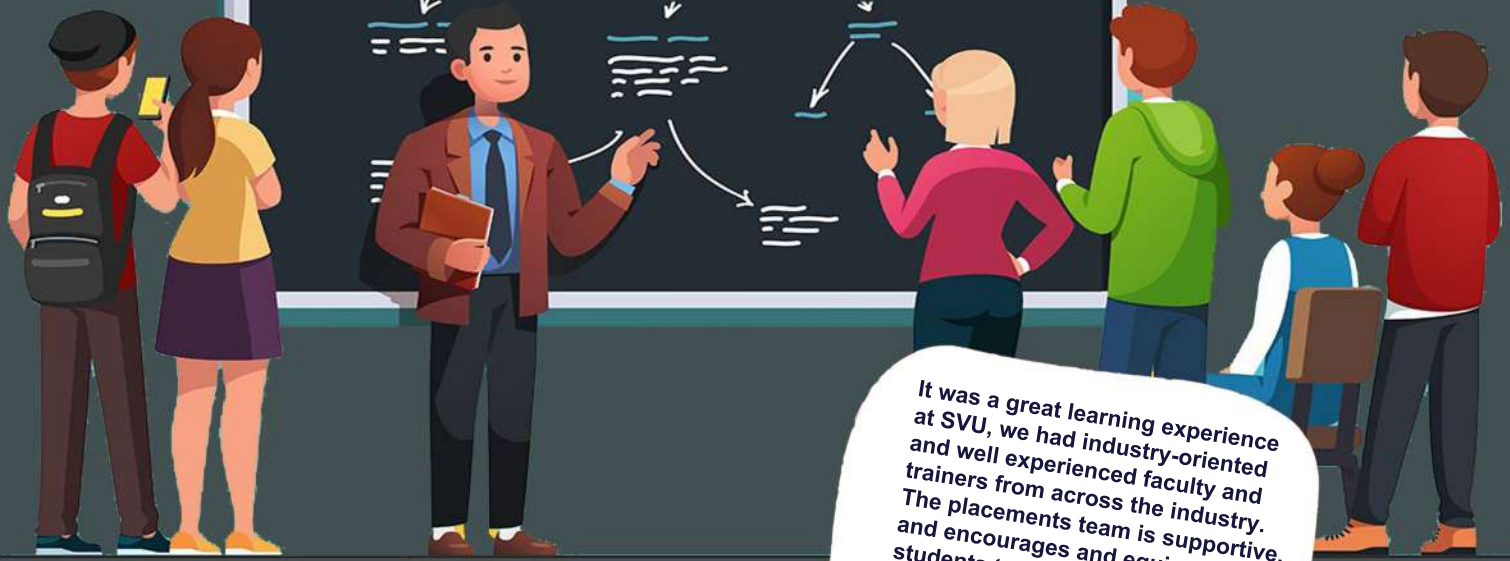
## Make: Fine Testing Instrument (India)

- Description:
- Dual Disk Specimen Polisher

## Make: Inverted Metallurgical Microscope

- Description:
- Material characterization
  - 1000X zoom

# STUDENTS' TALK



**Tuhin Majhi**

**Diploma in Electrical Engineering  
2022-2025**

It was a great learning experience at SVU, we had industry-oriented and well experienced faculty and trainers from across the industry. The placements team is supportive, and encourages and equips the students to perform better in their interviews. These activities have helped me develop my overall personality and capabilities in tune with the requirement of the corporate world.



A hearty thanks to all my faculties for believing in my capabilities and giving me a platform to grow and a special thanks to the placement department for doing such a wonderful job and for getting the best of the best companies to our campus. The whole process of placement was a huge roller-coaster and there were rejections but all thanks to the University for teaching me to never lose faith and giving me plenty of new opportunities.

SVU is a place of learning, fun, culture and many other things. I got placed possible because of the efforts made by faculty and placement cell.



**SIMAN CHANDA**

**B.Tech in Electrical Engineering  
2021-2025**

SVU has provided the platform to meet good recruiting companies. It not just provides me with various platforms to showcase my abilities and skill but also helps us to learn all soft skills that are highly required. We get training on interview skills, communication skills, life skills, and effective time management many more



**Sandip Giri**  
**Diploma in  
Mechanical Engineering  
2021-2024**

It was a great learning experience at SVU, we had industry-oriented and well experienced faculty and trainers from across the industry. The placements team is supportive, and encourages and equips the students to perform better in their interviews. These activities have helped me develop my overall personality and capabilities in tune with the requirement of the corporate world.



**Gaurav Majee**  
**B.Tech Mechanical  
Engineering  
2020-2024**



**Satwik Choudhury**  
**B.Tech Mechanical  
Engineering  
2020-2024**



## DEPARTMENTAL ACTIVITY

(FDP) on Research Paper Writing and Publication in SCOPUS/WOS Journals by (Dr.) Amlan Chakrabarti, Professor & Director, A K Chowdhury School of Information Technology, University of Calcutta



The ICEDC is the platform of inspiration for extensive innovations and expansive research contributions with aim towards demand driven research, development and innovation. It's an idea sharing platform for extensive research and expansive innovations. It is expected to be an assembly of innovations and research contributions from prominent as well as emerging researchers of the field.

## FDP on Institutional Development



Privilege to host the most prestigious event Innovation, Design and Entrepreneurship (IDE) Bootcamp (Phase-II)