

# **Government Polytechnic, Sonipat**

## **(A) TPO Cell Achievement:**

- 1. MoU signed with 6 Industries:**
  - i. M/s Subros Ltd. IMT Manesar
  - ii. Edunet Foundation
  - iii. M/s Golden Roll Pvt. Ltd. G. T. Road, Bahalgarh, Distt. Sonipat 131001, Haryana
  - iv. M/s Shubham Flexible Packaging Machine Pvt. Ltd. Ballabgarh
  - v. K12 Techno Service
  - vi. MSME Technology Centre Rohtak
- 2. Total 27 Industrial Visit organized and 1305 students benefited**
- 3. Total 39 Expert lectures were organized for the benefit of students**
- 4. Achieved more than 90% Placement**

## **(B) Students Achievements:**

### **Sports Achievements**

- i. Manish S/o Sh. Jagbir (Roll No.-220131023005) was declared 2<sup>nd</sup> overall Best Athlete during 37 Inter-Polytechnic Athlete Meet held at Govt. Polytechnic, Jhajjar (18.03.2025-20.03.2025)
- ii. The team comprising Rajat (Roll No. 240131700093), Manish (Roll No. 220131023005), Akshay (Roll No. 230130324001), Mahesh Saini (Roll No. 220130500036) and Deepak (Roll No. 240131500019), Ritik (Roll No.220131000043) grabbed overall 2<sup>nd</sup> position in Relay Race (100\*4,200\*4,400\*4, Medlay Race) during 37th Inter-Polytechnic Athlete Meet held at Govt. Polytechnic, Jhajjar (18.03.2025-20.03.2025)

### **Cultural Achievements**

- i. Varsha (Computer Engg, 1<sup>st</sup> Sem) has secured 3<sup>rd</sup> position in Distt Level Slogan Writing Competition held on the occasion of Udyamita Pakhwada held at Govt. ITI Sonapat. She was felicitated with a certificate, trophy and cash prize of Rs. 1100.
- ii. Varsha (Computer Engg. 1<sup>st</sup> Sem) has secured 3 position in Distt Level Essay Writing Competition held on the occasion of Sadbhavna Diwas held at Govt. ITI Sonapat. She was felicitated with a certificate, trophy and cash prize of Rs. 1100.
- iii. Sheetal (Mechanical Engg. 1<sup>st</sup> Sem) has secured 2<sup>nd</sup> position in Painting Competition at Distt Youth Festival held at DCRUST, Sonapat on 06-07 Nov 2025.

## **(C) Staff Achievements:**

### **Achievement of Applied Science Department**

1. Akshay Kumar, Lect. in Applied Science – NPTEL-AICTE FDP Topper with consolidated score of 100%
2. Reenu Rani Lect. in Applied Science Completed Ph.d Physics in 2025.  
100% registration of Girls students in AICTE Scholarship Scheme.

#### **Research Papers Publish:**

- i. **Reenu Rani**, Meenakshi Sharma, Siddharth Sharma, Ramesh Chandra, V.K.Malik “Palladium enhanced electrochemical supercapacitive performance of chromium oxide thin films synthesized by sputtering process” Published in Thin Solid Films 799 (2024) 140379.

Published On: 14 May 2024

<https://doi.org/10.1016/j.tsf.2024.140379>

- ii. **Reenu Rani**, Meenakshi Sharma, Brij Mohan, Ashwani Kumar, Ramesh Chandra, and Vivek Kumar Malik “Enhanced Supercapacitive Performance in Catalyst-Free Binary Composite SnO<sub>2</sub>-RuO<sub>2</sub> Nanostructured Thin Films for Symmetric Supercapacitor Device” Published in Energy Technology.

Published On: 09 May 2024

<https://doi.org/10.1002/ente.202301511>

- iii. **Reenu Rani**, Ashwani Kumar, Meenakshi Sharma, Brij Mohan, Rinku Kumar, Ramesh Chandra, and Vivek Kumar Malik “Investigation of electrochemical properties of Pt-WO<sub>3</sub> nanocomposite thin films for supercapacitor applications “Journal of Physics and Chemistry of Solids”

Published On: 1 November 2024

<https://doi.org/10.1016/j.jpccs.2024.112428>

- iv. Brij Mohan, Pooja Manral, **Reenu Rani**, V. K. Malik “Large photoresistance and photoinduced magnetoresistance in La<sub>0.67</sub>Ca<sub>0.33</sub>MnO<sub>3</sub> thin film on silicon substrate” *Journal of physics D: Applied Physics*”

Published On: 13 November 2024

[10.1088/1361-6463/ad8dec](https://doi.org/10.1088/1361-6463/ad8dec)

### **3. Jitender Sharma, Lect.(G/F)**

Rewarded on "The Best Teacher with 100% result.

#### **Research Papers Published:**

##### **Name of Research Paper**

i. To study the biographic sketch of william Wordsworth and Robert frost

Journal: International Journal of Advance Research in Multidisciplinary Accepted on 22-03-2024

Published on 24-04-2024

Authors: Jitender and Dr. Aparajita Shukla

ii. To study the nature poetry in Americal Literature and Robert frost as a nature Poet

Journal: International Journal of trends in emerging Research and Development

Accepted on 29-09-2024

Authors: Jitender and Dr. Aparajita shukla

### **Achievement of Chemical engg. Deptt.**

#### **1. Ms Nidhi Dubey , Lect.**

##### **Research Paper Published:-**

**Research Article:-**" Impact of solvent-water mixtures on dewetting dynamics of polystyrene thin films: A comparative study of binary and ternary dewetting media"

Journal Name: Journal of Polymer Research

Manuscript Number: JPOL-D-25-00014R2

First Author: Nidhi Dubey

Accepted in: October 2025

Impact Factor: 2.9