Guru Nanak College, Sri Muktsar Sahib

Session: 2024-2025

Department of Physics

One-Week Workshop

on

Proteus Software, Machine Learning and Cyber Security

Sponsored by DBT, New Delhi

(Under Star College Scheme)

1. **Name of the Activity Organized:** One-Week Workshop on Proteus Software, Machine Learning and Cyber Security
2. **Date and Venue of the Activity:** August 07-13, 2024 and Room No. 21 & Seminar Hall, College
3. **Name of the Resource Persons, Designation and Address:**

   Dr. Navdeep Goyal, a Professor from the Department of Electronics and Communication Engineering at Yadavindra Department of Engineering, Punjabi University Guru Kashi Campus, Talwandi Sabo, Bathinda, Punjab

   Dr. Manish Jindal, Director and Professor, Dept of Computer Science, Panjab University Regional Centre,Muktsar

   Dr. Monika Bansal, Associate Professor, Dept of Computer Science, SSD Girls College, Bathinda
4. **Objectives of Activity:** To provide the knowledge about Proteus Software, Machine Learning and Cyber Security
5. **Number and Details of the Participants/ Beneficiaries:** No. of Faculty members =19 and No. of Students = 151

   B.Sc. III (NM) = 24

   B.Sc. II (NM) = 17

   B.Sc. I = 61

   BCA I, II, III = 49
6. **Registration/Feedback/Newslink:**https://www.facebook.com/share/p/FMausdPAhvuJ7VcR/?mibextid=oFDknk

   https://www.facebook.com/share/p/7h3PRogyrWWssFN9/?mibextid=oFDknk

https://www.instagram.com/gncmuktsarsahib_2024/p/C-kTVJ8Tfdk/?igsh=MTYzMmYxdTNkcXZlZw%3D%3D&img_index=1

https://www.facebook.com/share/p/SkmxVqmJUMqyvV4f/?mibextid=qi2Omg

7. **Video/You-tube Link:Nil**

8. **Outcome of the Activity:**The PG Departments of Physics, Chemistry, and Computer Science organized a one-week workshop on Proteus software, Machine Learning, and Cyber Security for B.Sc. I, II, and III (NM) and BCA students under the Star College Scheme of the Department of Biotechnology (DBT), New Delhi, GOI.On the first day, the workshop commenced with an insightful session led by Dr. Navdeep Goyal, a Professor from the Department of Electronics and Communication Engineering at Yadavindra Department of Engineering, Punjabi University Guru Kashi Campus, Talwandi Sabo, Bathinda, Punjab. Dr. Goyal delivered an engaging talk on the basics of digital electronics and the practical applications of Proteus software. Following the lecture, students participated in a hands-on practical session, showing great enthusiasm and interest. He has conducted hands on training sessions to all science graduate students' group-wise from August 7-10, 2024 and students designed many circuits by software.

On the fifth day, Dr. Manish Jindal, Director and Professor, Dept of Computer Science, PURC,Muktsar delivered his presentation on an engaging and knowledgeable topic "CAPTCHA". Students showed a great enthusiasm and interest in this novel area of security.

On the sixth day, Dr. Monika Bansal Associate Professor, Dept of Computer Science, SSD Girls College, Bathinda delivered her presentation on Machine Learning and explained it details.The workshop aimed to equip students with essential skills in these critical areas of technology, preparing them for future academic and professional endeavors.

9. **Photographs:**

One-Week Workshop on

Proteus Software, Machine Learning & Cyber Security

Sponsored by "Star College Scheme" of DBT, New Delhi

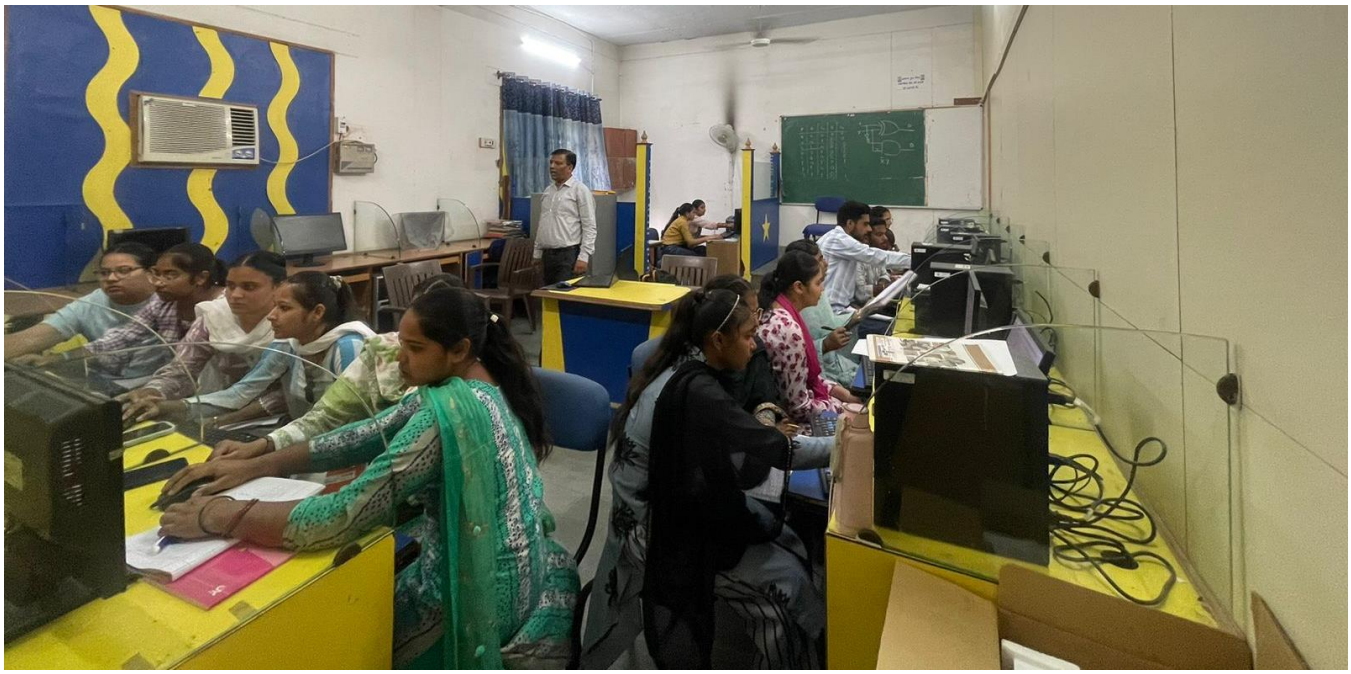
07-13 August, 2024

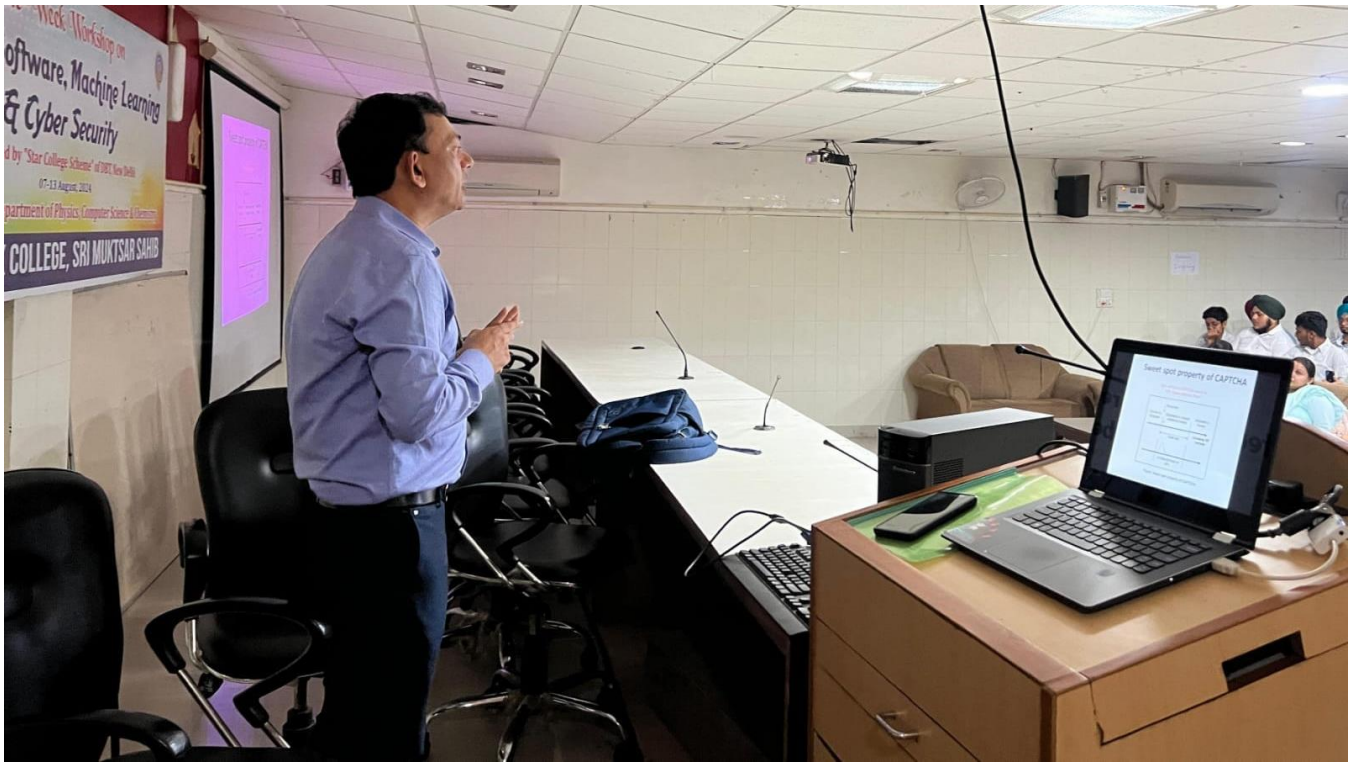
Organised by: PG Department of Physics, Computer Science & Chemistry

GURU NANAK COLLEGE, SRI MUKTSAR SAHIB

One - Week Workshop on
Proteus Software, Machine Le
& Cyber Security
GURU NANAK COLLEGE, SRI MUKTSA

Sri Muktsar Sahib, Punjab, भारत
GURU NANAK COLLEGE, Tibbi Sahib Rd, Adarsh Nagar, Sri Muktsar Sahib, Punjab 152
Lat 30.485624°
Long 74.502023°
07/08/24 11:01 AM GMT +05:30

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& Cyber Security
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Proteus Software, Machine Learning
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GURU NANAK COLLEGE
SRI MUKTSAR SAHIB

GPS Map Camera
Firozepur Division, Punjab, India
FGP2+3WG, Tibbi Sahib Rd, Adarsh Nagar, Sri Muktsar
Long 74.502359°
Lat 30.485158°
13/8/2024 12:13 PM
Tibbi Sahib Road
Google

Gnc Muktsar
7 August

One-Week Workshop on Proteus Software, Machine Learning, and Cyber Security

The PG Departments of Physics, Chemistry, and Computer Science at Guru Nanak College Sri Muktsar Sahib recently organized a one-week workshop on Proteus software, Machine Learning, and Cyber Security for B.Sc. I, II, and III (NM) students. This initiative was conducted under the Star College Scheme of the Department of Biotechnology (DBT), Government of India, New Delhi.The workshop commenced with an insightful session led by Dr. Navdeep Goyal, a Professor from the Department of Electronics and Communication Engineering at Yadavindra Department of Engineering, Punjabi University Guru Kashi Campus, Talwandi Sabo, Bathinda, Punjab. Dr. Goyal delivered an engaging talk on the basics of digital electronics and the practical applications of Proteus software. Following the lecture, students participated in a hands-on practical session, showing great enthusiasm and interest.Principal Dr. Rana Baljinder Kaur commended the efforts of the departments and congratulated the Heads of Departments and faculty members for successfully organizing the workshop. The event aims to equip students with essential skills in these critical areas of technology, preparing them for future academic and professional endeavors.

10. **Organizing Committee:** Dr. Anita Rani, Ms. Rajveer Kaur, Ms. Jeevanjot Kaur, Ms. Sandeep Kaur

11. **Name of the Department Coordinator:** Dr. Anita Rani

Dr. Anita Rani **Dr. Rana Baljinder kaur**

DBT Program Coordinator **Principal**