

SOPHIA GIRLS' COLLEGE (Autonomous), Ajmer



**DEPARTMENT OF COMPUTER
SCIENCE**

2024-25

International Conference on Computing Innovations ICCI 2025

Organizing Committee

PATRON

Prof. Sister Pearl
(Principal)

CONVENOR

Mr. Gautam Chaturvedi
9530259383

ORGANIZING SECRETARY

Dr. Ritu Bhargava
9413994079

ORGANIZING COMMITTEE

Dr. Neha Sharma
7737618542

Mrs. Kiran Bhagnani
7976778262

Mr. Rishi Saxena
7891588339

Mrs. Pooja Dixit

Ms. Laveena Ganwani

Ms. Chandni Sharma

CALL FOR PAPERS:

All accepted IEEE format papers will be published in the conference proceedings under an ISBN reference, on paper and on digital support.

Papers for presentations should conform to the IEEE format and specifications. All submissions must be in English only. Authors are invited to submit full paper (Maximum 6 pages, double-column US letter size) as PDF using the IEEE templates.

CALL FOR POSTER:

Posters are invited on the following subthemes

- Artificial Intelligence
- Internet of Things
- Quantum Computing
- Cyber Security
- Blockchain

TechPioneers @ ICCI 25

Innovative Ideas are invited under ICCI 2025

🏆 Best Paper and Poster will be awarded

🏆 Prize for Best Startup and Innovation Idea

🏆 Certificate of Recognition

IMPORTANT DATES:

Submission of Papers: 15th Jan 2025
Notification of Acceptance: 30th Jan 2025
Paper Payment Deadline & Camera Ready Submission: 30th Jan 2025

REGISTRATION DETAILS: **PAYMENT QR CODE:**




SUBMIT YOUR PAPER ON:
submissionicci25@gmail.com



**Sophia Girls' College
(Autonomous), Ajmer**

Re-Accredited 'A+' Grade by NAAC (UGC)



**International Conference on
Computing Innovations
ICCI 2025**

organized by
Department of Computer Science

3rd - 4th FEB' 2025

www.sophia.college editoricci25@gmail.com

ABOUT THE COLLEGE

Sophia Girls' College (Autonomous), Ajmer is an 'A+' Grade accredited Institute by NAAC (UGC) and is affiliated to Maharshi Dayanand Saraswati University, Ajmer. Since 1959 the College has been imparting quality higher education through its dedicated and conscientious staff with high academic credentials and diversity of courses. To inculcate scholarly excellence and make globally competent citizens, the Institution offers Generic, Skill Enhancement, Vocational & Diploma Courses for students. The College has an MHRD recognized Institutional Innovation Cell. It offers Cambridge English Level Certification, Diploma in French from the French Embassy; ISRO & DST sponsored programs under its aegis. As an initiative, towards Institutional, Social and Environmental Responsibility, the College has developed a 'Sustainable Environment' by developing Biogas, Water Harvesting Systems and is one of the fully solar electrified campuses in Rajasthan. In this globalized world of competition and performance, the companies in the process of hiring new employees give preference to candidates who are Certified Professionals. To keep up with the times, the College offers the following International Certification Courses that students can complete along with their regular Degree Programs.

ABOUT THE DEPARTMENT

The Department is dedicated to providing quality education that not only enhances the intellectual capabilities of young women but also opens doors to promising career opportunities, shaping them into proficient and ethical individuals.

Our focus is on educating students to become successful, ethical, and adept problem-solving IT professionals and lifelong learners.

The array of programs offered, including Ph.D. and M.Sc. in Computer Science, BCA, and specialized courses such as Diploma in Animation Designing, reflects our commitment to preparing students for the evolving challenges of the 21st century.

Through these diverse educational avenues, we aim to contribute positively to the economic well-being of our region and nation, empowering students to thrive in a dynamic and competitive professional landscape.

About the Conference

The ICCI 2025: International Conference on Computing Innovations aims to bring together leading researchers, academicians, industry professionals, and students from around the world to present and discuss their research, experiences, and ideas in the field of computing. The conference will cover a range of subfields, including Artificial Intelligence, Data Science, Cybersecurity, Cloud Computing, IoT, Quantum Computing, and more.

Each track will include keynote speeches, technical paper presentations, panel discussions aimed at delivering the latest innovations and trends in the respective domains.

Relevance to National and Global Priorities

The conference themes directly align with national priorities such as:

Digital India: Leveraging digital technologies to boost the economy and provide services to the common man.

Make in India: Encouraging research and innovations that can contribute to developing indigenous technologies.

Atmanirbhar Bharat (Self-Reliant India): Supporting self-sufficiency by advancing India's capacity for cutting-edge technological research and development.

Sustainability: Promoting research in green computing and the ethical application of AI for sustainable development goals.

Target Audience :

The conference will attract a wide array of participants, including:

- **Researchers and Academicians:** Presenting their latest research findings and exploring future collaborations.
- **Industry Professionals:** Sharing insights on practical applications and discussing future technology trends.
- **Government Representatives:** Engaging in discussions on tech policies, ethics, and national priorities.
- **Students and Young Researchers:** Participating in poster presentations and learning from leading experts in the field.
- **Startups and Innovators:** Showcasing emerging technologies and innovative solutions.

Tracks for ICCI 2025:

Original contributions/extensive survey papers in the following fields are welcome.

- Artificial Intelligence, Machine Learning, and Data Science**
 - Deep Learning and Neural Networks
 - Natural Language Processing
 - Reinforcement Learning
 - Data Mining and Knowledge Discovery
 - Predictive Analytics and Data Visualization
 - Big Data Platforms, Real-Time Processing
 - AI in Robotics, Autonomous Systems, and Responsible AI
- Cybersecurity, Blockchain, and Cloud Computing**
 - Cyber Threat Intelligence and Defense Mechanisms
 - Cryptography, Secure Computing, and Data Protection
 - Blockchain for Secure Transactions and Smart Contracts
 - Security in IoT, Cloud Computing, and Digital Age
 - Cloud Infrastructure, Virtualization, and Microservices
 - Cloud Security, Compliance, and Enterprise Applications
- Internet of Things (IoT), Edge Computing, and Emerging Technologies**
 - IoT Architectures, Protocols, and Security
 - Edge Computing, Fog Computing, and Low Latency Systems
 - Industrial IoT, Smart Cities, and Healthcare Applications
 - 5G and Beyond Networks
 - Autonomous Systems, Drones, and Neuromorphic Computing
- Software Engineering, DevOps, and Human-Computer Interaction (HCI)**
 - Agile and DevOps in Software Development
 - Microservices Architecture, Continuous Integration, and Deployment
 - Software Testing, Debugging, and Code Optimization
 - User Interface Design, Usability, and Accessibility
 - Virtual Reality, Augmented Reality, and Brain-Computer Interfaces
- Quantum Computing, Ethics, and Impact of Emerging Technologies**
 - Quantum Algorithms, Cryptography, and Machine Learning
 - Quantum Computing Platforms and Applications
 - Ethical and Legal Aspects of Emerging Technologies
 - Tech Policy, Digital Inclusion, and Responsible AI
 - Social, Economic, and Environmental Impact of Computing Innovations

Report

- **Name of the Department:** Computer Science
- **Name of the Activity:** International Conference on Computing Innovations ICCI 2025
- **Total Number of the Participants:** 217
- **Date:** 3rd & 4th February 2025
- **Venue:** Seminar Hall/ Virtual Room

The International Conference on Computing Innovations (ICCI-25) took place on 3rd and 4th February 2025 at Sophia Girls' College, Ajmer. The inaugural ceremony began with a traditional Lamp Lighting and Invocation, followed by the Welcome Address by Principal Prof. Sr. Pearl. The Convenor, Mr. Gautam Chaturvedi, highlighted the conference's objectives. Chief Guest, Prof. Kailash Sodhani (Vice Chancellor, MDSU), delivered the inaugural speech, emphasizing the significance of computing innovations. Prof. Suresh Kumar Sharma (Punjab University) presented a keynote on data-driven computing approaches.

The conference focused on emerging technologies such as Artificial Intelligence and Blockchain, offering valuable insights to participants. In Technical Session I, keynote speakers like Prof. Vinod Kumar Sharma and Dr. Avinash Panwar shared expertise, followed by the presentation of several research papers. Discussions on these topics sparked lively exchanges among attendees. Poster sessions in Technical Session II A & II B encouraged feedback and idea refinement, with Dr. Reena Dadhich, Dr. Ashish Swami and Prof. Suresh Kumar Sharma, Ved Prakash Sharma and Dr. Sujla D. Shetty providing expert insights.

The conference concluded with a panel discussion on "Innovations in Computing for Sustainable Development," with participants discussing the role of computing in sustainability. On the second day, special talks by Prof. Suresh Kumar Sharma and others provided additional perspectives, and research papers presented in parallel sessions were evaluated by experts like Dr. Kirti Singh Rathore, Dr. Kirti Seth and Dr. Sonal Jain., Dr, Saravanan Muthyiah.

Learning Outcomes:

1. Gained a deeper understanding of emerging computing technologies such as AI and Blockchain.
2. Learned about the applications of data-driven approaches in real-world computing.
3. Enhanced knowledge of sustainable development through computing innovations.
4. Developed critical thinking through research paper presentations and discussions.
5. Improved research presentation skills by receiving expert feedback.



 **GPS Map Camera**



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Mirsali Colony, Ajmer, Rajasthan 305001, India
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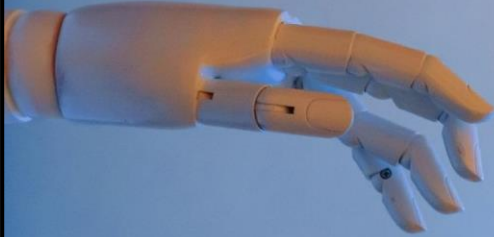
One Day Workshop on Generative AI



DEPARTMENT OF COMPUTER SCIENCE

Sophia Girls' College

(Autonomous), Ajmer



One Day Workshop on

GENERATIVE AI

LET'S TALK ABOUT ARTIFICIAL INTELLIGENCE



Resource Person

Mr. Trivikrama

CSE, IIT Delhi
JEE AIR 93



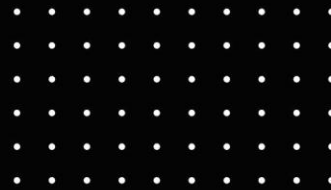
SATURDAY
20 JULY 2024



12:00 Noon



Computer Science
Dept. (Labs)



Build Your Own
Generative AI Model

**GET YOUR AI
MASTERY
CERTIFICATE**

➤ **Name of the Department:** Computer Science

- **Name of the Activity:** Workshop on Generative AI
- **Total Number of the Students:** 166
- **Date:** 20th July 2024
- **Venue:** Department of Computer Science

Report:

The Department of Computer Science successfully organized an online seminar on Generative AI on 20 July 2024, at 12:00 PM. The session was led by Mr. Trivikrama, a distinguished expert in Artificial Intelligence and Machine Learning.

During the seminar, Mr. Trivikrama provided a comprehensive overview of Generative AI, covering its fundamental principles, essential tools, and growing applications in areas such as content creation, healthcare, and finance. He emphasized its ability to generate new data, including images, text, and music, while also addressing its ethical considerations and potential challenges.

The session included an engaging Q&A segment, where participants had the opportunity to clarify their doubts and discuss real-world implementations of Generative AI. Attendees found the seminar highly informative, gaining valuable insights into the future scope and impact of AI-driven technologies. The event concluded with a vote of thanks, appreciating Mr. Trivikrama's expertise and the active participation of the audience.

Learning Outcome:

1. Student learned the core principles, tools, and data generation capabilities of Generative AI.
2. Career-wise exploration in the field of GenAI.
3. Understand the ethical implications and challenges of Generative AI.



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Pixel Perfect Showdown: The Web Designing Competition



Sophia Girls' College(Autonomous),Ajmer

SYNTAX SQUAD(THE CODING CLUB)

PIXEL PERFECT SHOWDOWN

**THE WEB DESIGNING
COMPETITION**

“23rd August,2024 AT 1:30 PM”

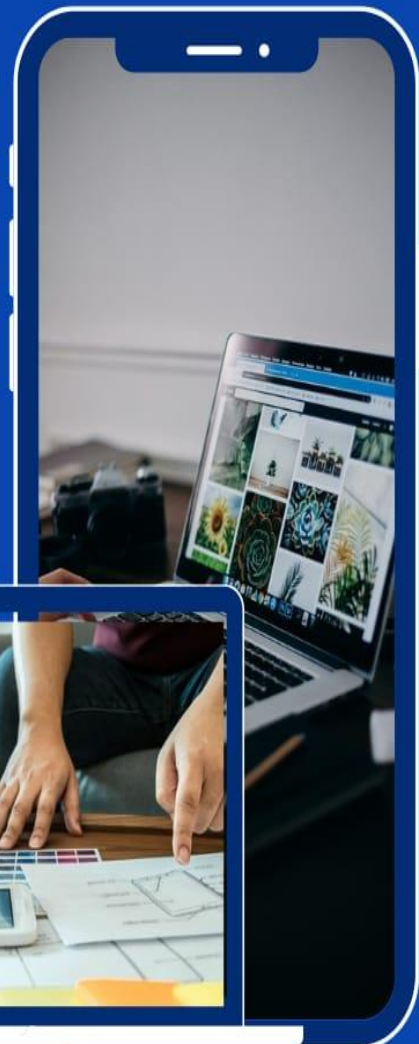
Join the Ultimate Website
Designing Competition!
Showcase your coding skills
and creativity.

RULES

ORGANISED BY: SYNTAX
SQUAD(THE CODING CLUB)
Department of Computer Science
Sophia Girls' College(Autonomous),
Ajmer



**: Computer Science
Department(Labs)**



- **Name of the Department:** Computer Science
- **Name of the Activity:** Pixel Perfect Showdown: The Web Designing Competition
- **Total Number of the Students:** 27
- **Date:** 23rd August 2024
- **Venue:** Computer Science Department

Report:

The Syntax Squad, the official coding club of the **Department of Computer Science**, successfully organized a **Web Designing Competition** on 23 August 2024 at 1:30 PM. The event aimed to provide a platform for students to showcase their creativity, technical skills, and problem-solving abilities in web development.

The competition witnessed enthusiastic participation from students across different colleges. Participants were given a theme and a set time limit to design a fully functional and visually appealing webpage.

The evaluation criteria included **Requirement Completion, Visual Design, Code Structure, and Utilization of the Media Content provided**. Dr. Prakriti Trivedi, Principal, Government Mahila Engineering College Ajmer, Mr. Gautam Chaturvedi Assistant Professor Sophia Girls' College (Autonomous), Ajmer, Ms. Kiran Bhagnani, Assistant Professor Sophia Girls' College (Autonomous), Ajmer and Mr. Rishi Saxena Assistant Professor Sophia Girls' College (Autonomous), Ajmer were the judges and assessed the submissions based on creativity, functionality, and adherence to best web development practices. The top three winners were awarded **certificates and exciting prizes**, while all participants received participation certificates.

Learning Outcome:

1. Participants improved their proficiency in HTML, CSS, JavaScript, and modern web development frameworks.
2. Students developed innovative solutions and optimized user-friendly interfaces.
3. The competition fostered collaboration and efficiency in completing tasks under a deadline.



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Hands on Training on Making Website Through WordPress

DEPARTMENT OF COMPUTER SCIENCE
Sophia Girls' College

(Autonomous), Ajmer
is Organising a

Hands on Training on Making Website Through WordPress



Don't miss it!

- 23 OCT' 2024
- 9:30 AM
- Computer Department Labs



Resource Person

Mr. Anand Upadhyay

Founder - WPVibes

WordPress Plugin Development Agency
Ajmer

WPVibes



WORDPRESS

Report

- **Name of the Department:** Computer Science
- **Name of the Activity:** Hands on Training on Making Website Through WordPress
- **Total Number of the Students:**100
- **Date:**23rd October 2024
- **Venue:** Computer Department Labs

Report:

The Department of Computer Science organized a Hands-on Training session on "Making Websites through WordPress" on October 23, 2024. The training was conducted in the computer department labs and aimed to equip students with practical skills in website development. Participants were introduced to WordPress, its features, and customization options. The session covered essential topics such as selecting themes, adding plugins, and designing interactive web pages without coding. Experts provided step-by-step guidance, allowing students to create their own websites during the session.

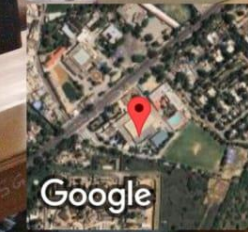
The training was highly interactive and beneficial for students interested in web development. It provided them with hands-on experience, enabling them to build professional-looking websites with ease. The event concluded with a Q&A session, where participants clarified their doubts and received expert advice on website management. Overall, the session was well-received, enhancing students' technical skills and preparing them for future opportunities in web design and development.

Learning Outcome:

1. Participants gained hands-on experience in creating and customizing websites using WordPress without coding.
2. Students learned to select themes, install plugins, and design interactive web pages effectively.
3. Attendees developed a better understanding of website management and maintenance for future projects



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Picnic to Chauhan Sheraton, Pushkar



Department of Computer Science
Sophia Girls' College (Autonomous),
Ajmer

is organizing a

P I C N I C

17 AUGUST 2024

8:00 AM

**CHAUHAN SHERATON
RESORT, PUSHKAR**

Report

- **Name of the Department:** Computer Science
- **Name of the Activity:** Picnic
- **Total Number of the Students:** 50
- **Date:** 17th August 2024
- **Venue:** Chauhan Sheraton Resort, Pushkar

Report:

The Department of Computer Science took the initiative to organize a picnic to Chauhan Sheraton Resort, Pushkar on August 17, 2024. With lively singing and dancing on the bus, the group arrived at the destination by 9:00 AM. The day kicked off with a short trek to Savitri Mata Temple, offering breath-taking views of the surrounding landscapes. After descending, students returned to the picnic area, where a delightful breakfast was served. Energized by the meal, they eagerly participated in various fun-filled games.

The highlight of the day was undoubtedly the pool party, where students splashed around and enjoyed the refreshing water under the sun. After an exciting and activity-packed afternoon, everyone gathered for lunch. The inviting aroma of the food heightened their appetite, and they relished a delicious multi-cuisine meal. The picnic proved to be a memorable and enriching experience, allowing students to unwind and strengthen their bond with teachers while making lasting memories.

Learning Outcome:

1. Developing important social and teamwork abilities.
2. Aids in stress management amidst a hectic lifestyle.
3. Provides students with a refreshing break from studies, leaving them rejuvenated and energized.



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GPS Map Camera

Google

Seminar on Role of Data Analytics and Digital Marketing in the Current Scenario



Department of Computer Science
Sophia Girls' College (Autonomous), Ajmer
is organising a

SEMINAR

on

**Role of Data Analytics and Digital
Marketing In the Current Scenario**



IOA | Institute of
Analytics
The Global Body for Analytics

ISDC
International Skill Development Corporation
Skills for Tomorrow

Mr. Siddhant Chandel
Regional Head - Business
Relationship, ISDC-Central India



12 July 2024



01:30 PM onwards



College Auditorium

Report

- **Name of the Department:** Computer Science

- **Name of the Activity:** Seminar on Role of Data Analytics and Digital Marketing in the Current Scenario
- **Total Number of the Students:** 32
- **Date:** 12th July 2024
- **Venue:** Auditorium

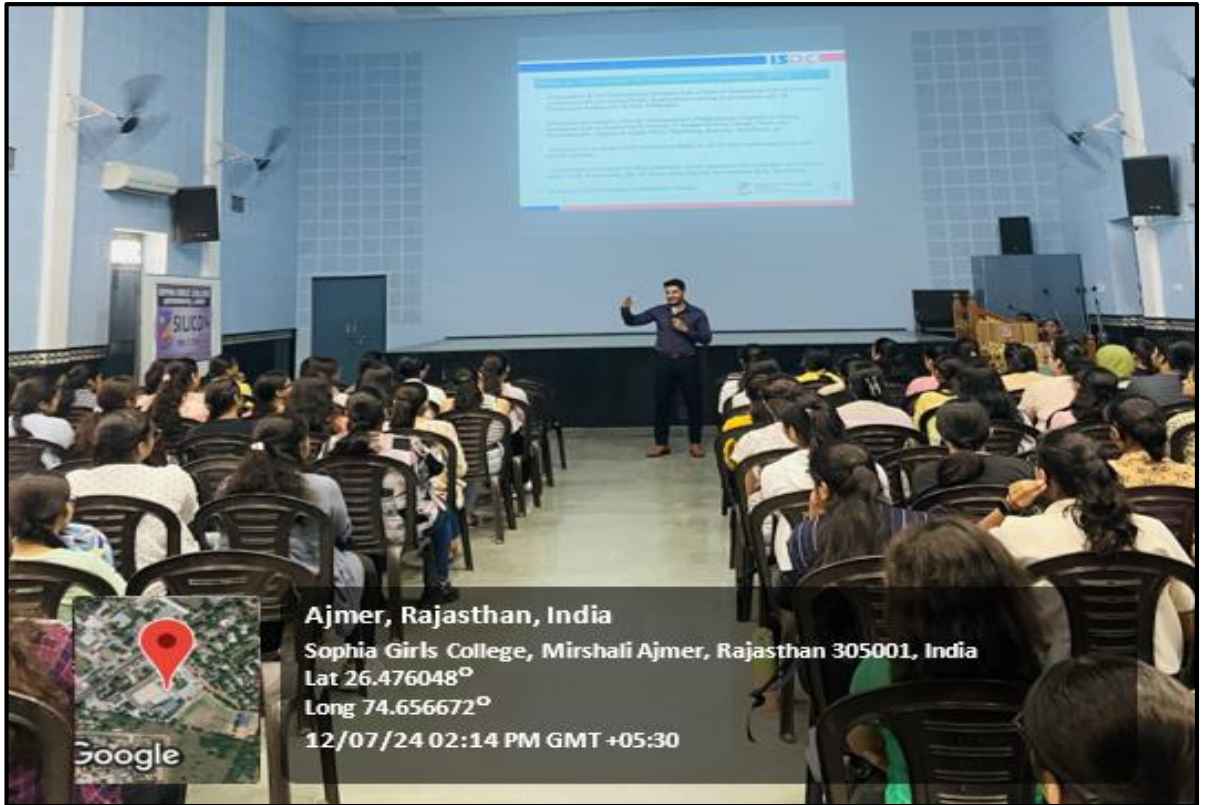
Report:

The Department of Computer Science at Sophia Girls' College, Ajmer, successfully organized a seminar on "Role of Data Analytics and Digital Marketing in the Current Scenario". On 12th July 2024 from 01:30 pm onwards. This event was aimed at enhancing students' understanding of the growing significance of data analytics and digital marketing in today's dynamic business environment.

The seminar began with a warm welcome by to our resource person, followed by an engaging session by Mr. Siddhant Chandel Regional Head - Business Relationship, ISDC-Central India - Affiliation: ISDC (Institute of Analytics). He highlighted the importance of leveraging data analytics for informed decision-making and demonstrated how digital marketing is revolutionizing customer engagement and branding.

Learning Outcome:

1. Gained knowledge about the basics of data analytics, its tools, and techniques.
2. Understood the role of digital marketing in shaping consumer behaviour and brand growth.
3. Learned through case studies how data analytics and digital marketing are applied in real-world scenarios.



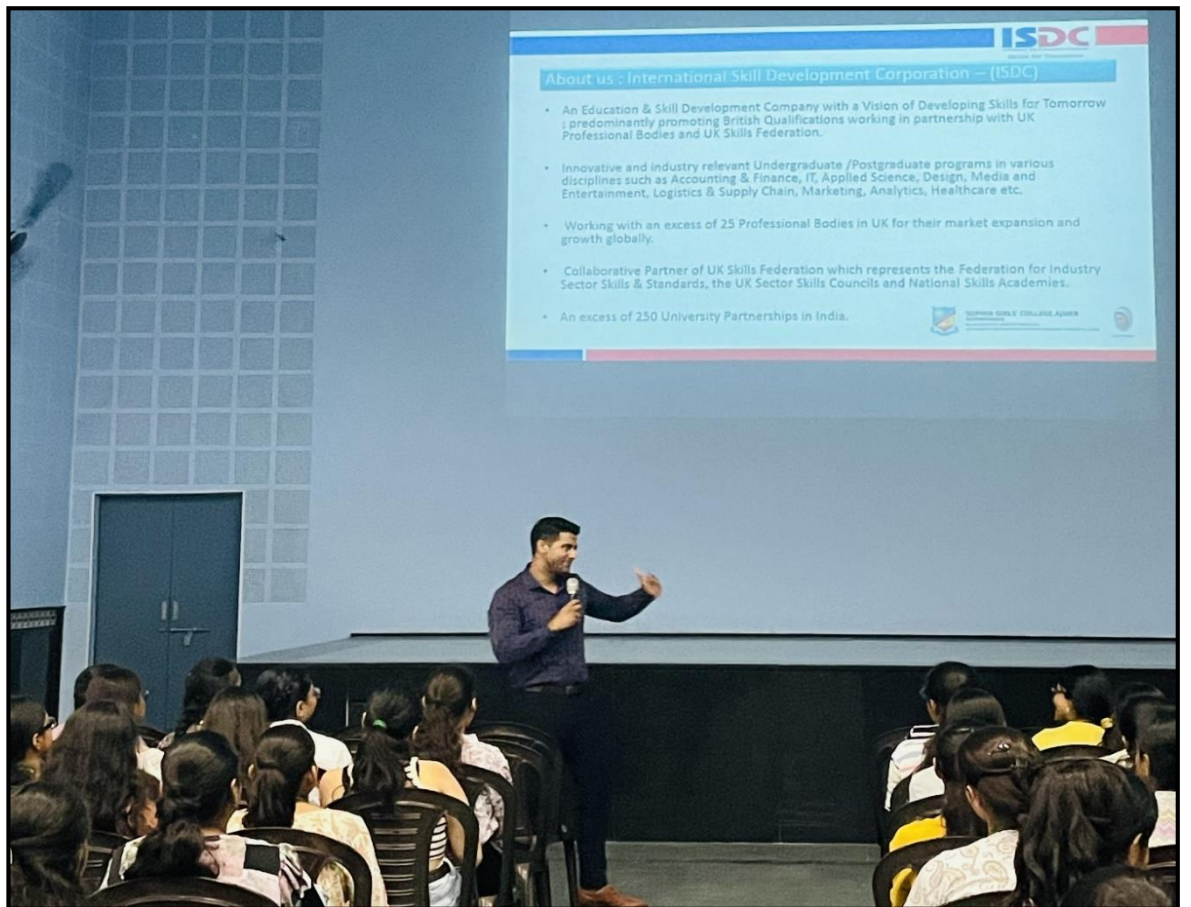
Ajmer, Rajasthan, India

Sophia Girls College, Mirshali Ajmer, Rajasthan 305001, India

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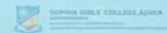
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About us - International Skill Development Corporation - (ISDC)

- An Education & Skill Development Company with a Vision of Developing Skills for Tomorrow ; predominantly promoting British Qualifications working in partnership with UK Professional Bodies and UK Skills Federation.
- Innovative and industry relevant Undergraduate /Postgraduate programs in various disciplines such as Accounting & Finance, IT, Applied Science, Design, Media and Entertainment, Logistics & Supply Chain, Marketing, Analytics, Healthcare etc.
- Working with an excess of 25 Professional Bodies in UK for their market expansion and growth globally.
- Collaborative Partner of UK Skills Federation which represents the Federation for Industry Sector Skills & Standards, the UK Sector Skills Councils and National Skills Academies.
- An excess of 250 University Partnerships in India.



Session on Unlocking Programming Potential



Department of Computer Science
Sophia Girls' College (Autonomous), Ajmer
is
Organizing a Session on : Unlocking Programming
Potential

Girls Who Code Ajmer



Ms. Reeva Sharma
Member, GWC
New Jersey, U.S.A

VENUE:- AUDITORIUM

Date:- 12-07-2024

Time:- 10:00 AM

Report

- **Name of the Department:** Computer Science
- **Name of the Activity:** Unlocking Programming Potential
- **Total Number of the Students:** 124
- **Date:** 12th July 2024
- **Venue:** College auditorium

Report:

The seminar was conducted by the Department of Computer Science at Sophia Girls' College (Autonomous), Ajmer on 12th July from 10:00 AM onwards the resource person for this seminar was Ms. Reeva Sharma, Member, Girls Who Code, New Jersey, USA. The session aimed to inspire and empower students with the potential of programming.

Ms. Reeva Sharma, a prominent figure in the field, shared her insights and experiences in the tech industry. She discussed a range of career opportunities in computer science, emphasized the importance of diversity and inclusion in the tech industry, and shared valuable tips for success in programming and technology fields. The session likely created a welcoming and supportive space for students interested in pursuing a career in technology.

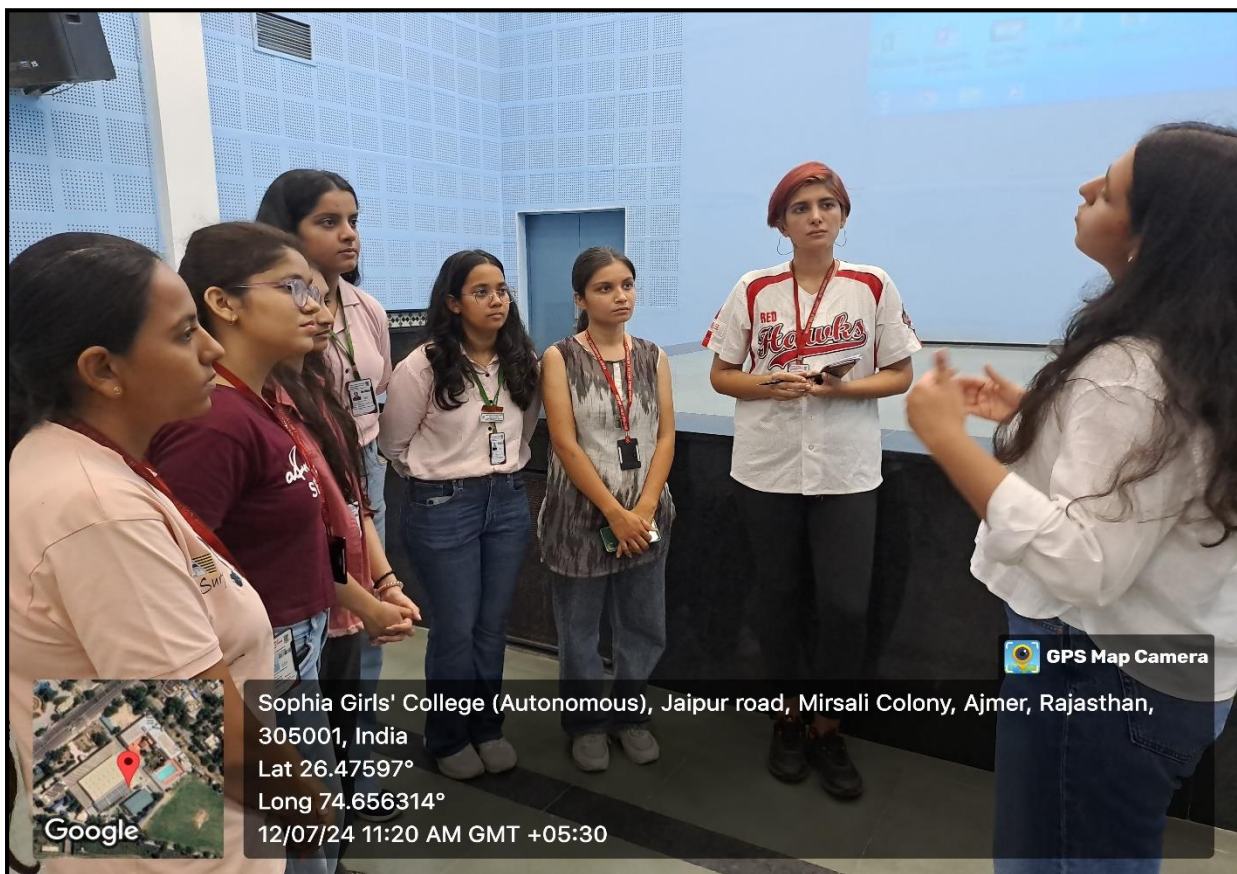
Learning Outcome:

1. Increased Interest and motivation, Students likely developed a greater interest to pursue computer science and related fields.
2. Enhanced Understanding of programming concepts.
3. Students understood the importance of diversity and inclusion in tech industry.



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GPS Map Camera



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GPS Map Camera



DEPARTMENT OF COMPUTER SCIENCE

Sophia Girls' College
(Autonomous), Ajmer

Linux Workshop by Red Hat and R-CAT

RESOURCE PERSON

Mr. Chirag Mishra

R-CAT GIP B2B Assistant Manager
Jaipur, Rajasthan, India



24 AUG' 2024

1:00PM

Seminar Hall



- **Name of the Department:** Computer Science
- **Name of the Activity:** Linux Workshop by Red Hat and R-CAT
- **Total Number of the Students:** 47
- **Date:** 24rd August 2024
- **Venue:** Seminar Hall

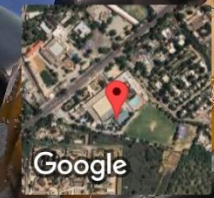
Report:

The Department of Computer Science successfully organized a Linux Workshop in collaboration with Red Hat and R-CAT on August 24, 2024. The workshop aimed to provide students with hands-on experience in Linux system administration, open-source technologies, and Red Hat certification pathways. Industry expert Mr. Chirag Mishra from Red Hat and R-CAT guided the participants through essential Linux commands, shell scripting, and system configurations. The session also included interactive demonstrations and real-world use cases, allowing students to gain practical exposure to Linux-based environments.

The workshop witnessed enthusiastic participation from students and faculty members, who engaged in discussions and hands-on activities. The experts addressed queries and provided insights into career opportunities in the Linux and open-source domain. The event concluded with a Q&A session and a discussion on the significance of Linux in modern IT infrastructure. The Department of Computer Science expressed gratitude to Red Hat and R-CAT for their valuable contributions and emphasized the importance of such workshops in enhancing technical skills and industry readiness among students..

Learning Outcome:

1. **Hands-on Linux Administration Skills** – Participants gained practical experience in using Linux commands, shell scripting, and system configuration, enhancing their technical proficiency in open-source operating systems.
2. **Understanding of Red Hat Technologies** – Students learned about Red Hat Enterprise Linux, its applications in enterprise environments, and the benefits of Red Hat certification for career advancement.
3. **Industry Insights and Career Guidance** – The workshop provided valuable insights into the role of Linux in modern IT infrastructure.



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**Seminar on Powering the Web - Discovering the World of
WordPress**



DEPARTMENT OF COMPUTER SCIENCE
Sophia Girls' College
(Autonomous), Ajmer

IS ORGANISING

SEMINAR ON
POWERING THE WEB –

DISCOVER THE
WORLD OF
WORDPRESS



MONDAY
21 OCTOBER 2024

Resource Person

MR. ANAND UPADHYAY



1:30 PM

Founder - WPVibes



AUDITORIUM

**A WordPress
plugin development
company**

Report

- **Name of the Department:** Computer Science
- **Name of the Activity:** Seminar on Powering the Web - Discovering the World of WordPress
- **Total Number of the Students:**123
- **Date:**21st October 2024
- **Venue:** College Auditorium

Report:

The Department of Computer Science at Sophia Girls' College (Autonomous), Ajmer, organized a one-day seminar titled "Powering the Web - Discovering the World of Word-press" on Monday, 21st October 2024, starting at 01:30 PM in the college auditorium. The session was led by Mr. Anand Upadhyay, who shared his expertise in web development and Word-Press. The seminar aimed to provide students with practical experience in website creation using Word-Press, one of the most widely used content management systems. The goal was to enhance technical skills and build a solid foundation in website design and deployment. Tailored for students interested in website development, the seminar focused on equipping them with essential knowledge and tools for designing and managing websites efficiently.

Learning Outcome:

1. Participants gained practical knowledge of creating and managing websites using Word-Press, including themes, plugins, and customization tools.
2. Students developed essential skills in website design and deployment, enhancing their technical expertise and creativity in web development.
3. The seminar prepared participants to explore career opportunities in web development, empowering them to build professional websites independently.



Seminar on Interpretable/Explainable AI and Application of AI in Robotics



DEPARTMENT OF COMPUTER SCIENCE

**SOPHIA GIRLS' COLLEGE
(AUTONOMOUS), AJMER**

Is Organizing
Seminar on Interpretable/Explainable AI
and Applications of AI in Robotics
in Collaboration with

BITS PILANI (DUBAI CAMPUS)



GUEST SPEAKER :



PROF. SUJALA SHETTY

HEAD OF DEPARTMENT,
DEPARTMENT OF COMPUTER SCIENCE
& INFORMATION SYSTEMS



**THURSDAY
23RD JAN'2025**



**TIME
12:30 PM**



SEMINAR ROOM

Report

- **Name of the Department:** Computer Science
- **Name of the Activity:** Seminar on Interpretable/Explainable AI and Application of AI in Robotics
- **Total Number of the Participants:** 91
- **Date:** 23rd January 2025
- **Venue:** Seminar Hall

Report:

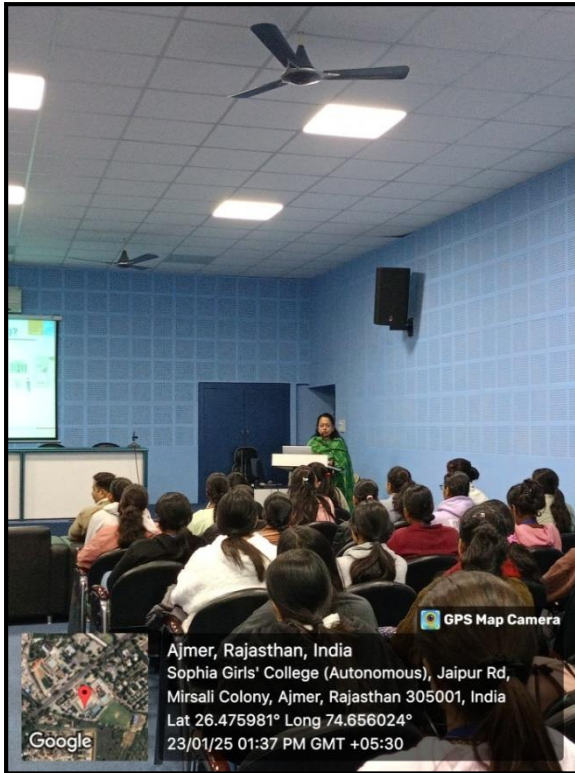
The Department of Computer Science at Sophia Girls' College, Ajmer, successfully organized a seminar on "Interpretable/Explainable AI and Applications of AI in Robotics." The seminar was conducted in collaboration with BITS Pilani (Dubai Campus) and featured an insightful session by Prof. Sujala Shetty.

During the seminar, Prof. Shetty elaborated on the significance of Explainable AI (XAI) in the field of robotics, discussing various machine learning models and their applicability in real-world scenarios. The session provided an in-depth understanding of how AI can be made interpretable, ensuring transparency and reliability in decision-making systems.

The seminar witnessed active participation from students and faculty members, who engaged in a Q&A session to deepen their knowledge on AI-driven robotics and the ethical implications of machine learning algorithms.

Learning Outcomes:

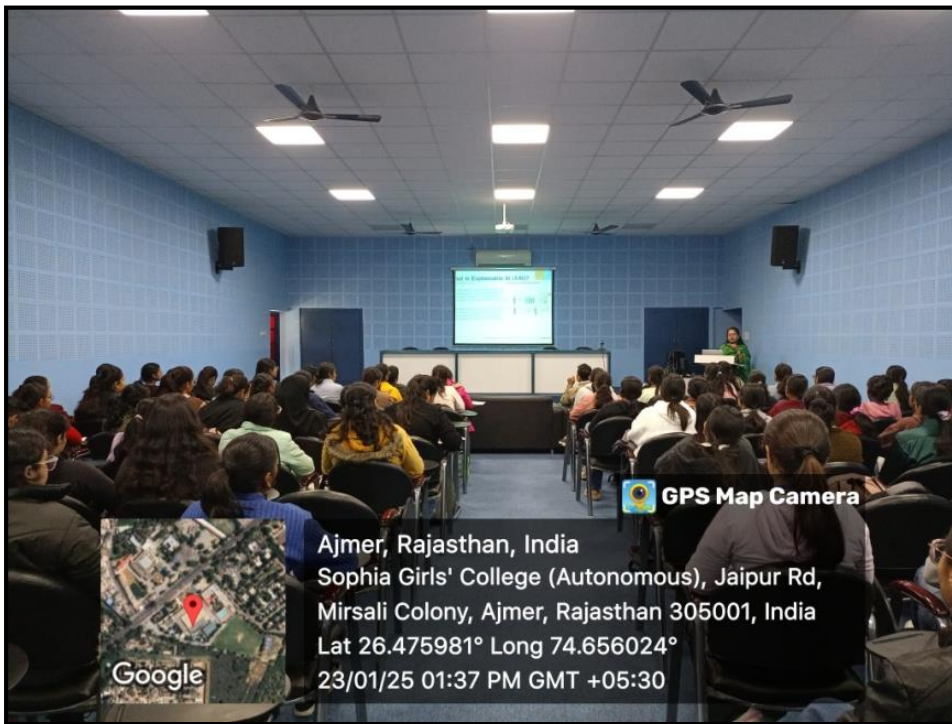
1. Understanding the fundamentals of Explainable AI (XAI) and its importance in modern applications.
2. Gaining insights into the role of AI in robotics and how it enhances automation.
3. Exploring different interpretability techniques in AI models.
4. Encouraging research and innovation in AI and robotics among students.



Ajmer, Rajasthan, India
Sophia Girls' College (Autonomous), Jaipur Rd,
Mirsal Colony, Ajmer, Rajasthan 305001, India
Lat 26.475981° Long 74.656024°
23/01/25 01:37 PM GMT +05:30



Ajmer, Rajasthan, India
Sophia Girls' College (Autonomous), Jaipur Rd,
Mirsal Colony, Ajmer, Rajasthan 305001, India
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Seminar on Cyber Security: Issues and Challenges



DEPARTMENT OF COMPUTER SCIENCE
Sophia Girls' College
(Autonomous), Ajmer

Seminar on

CYBER SECURITY
ISSUES & CHALLENGES



Resource Person

**IPS - Mr. Devendra
Kumar Bishnoi**

Superintendent of Police
Ajmer



TUESDAY
23 JULY 2024



11:45 AM



AUDITORIUM



- **Name of the Department:** Computer Science
- **Name of the Activity:** Cyber Security : Issues and Challenges
- **Total Number of the Students:** 187
- **Date:** 23rd July 2024
- **Venue:** College Auditorium

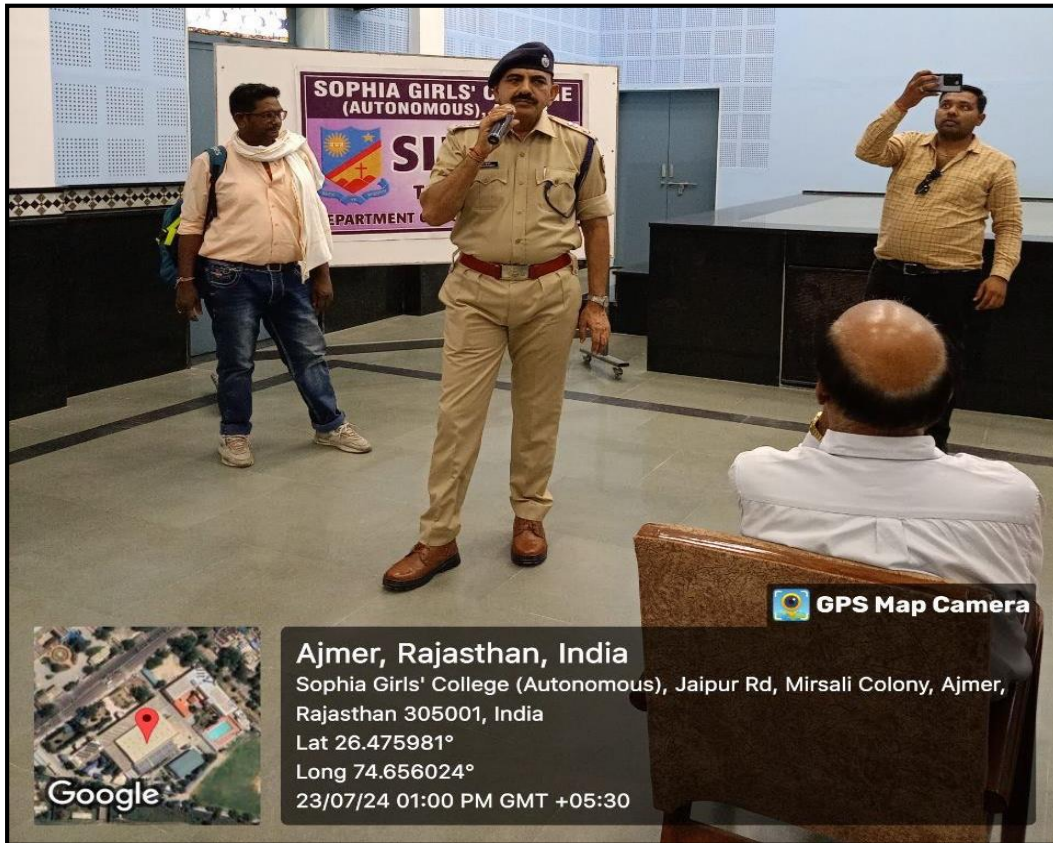
Report:

The Department of Computer Science of Sophia Girls' College (Autonomous), Ajmer has successfully organized a seminar on Cyber Security and Its Challenges on 23 July 2024 at college auditorium. The session was led by IPS Mr. Devendra Kumar Bishnoi. The objective of the seminar was to create awareness about the growing cyber threats, preventive measures, and the legal framework surrounding cybercrimes.

IPS Mr. Devendra Kumar Bishnoi provided an insightful overview of cybersecurity fundamentals, discussing various types of cyber threats, including phishing, malware attacks, and data breaches. He emphasized the importance of cyber hygiene practices, such as strong passwords, multi-factor authentication, and secure browsing, to prevent cyber-attacks. The session covered the legal aspects of cybersecurity, including relevant laws and penalties under the Information Technology Act and other legal provisions in India. Real-life case studies were shared to illustrate how cybercrimes are investigated and the role of law enforcement in tackling digital threats.

Learning Outcome:

1. Participants gained knowledge about various cyber threats, including phishing, malware, and data breaches, and their impact on individuals and organizations.
2. Participants developed an awareness of modern cybersecurity challenges and strategies to protect personal and professional data.
3. The session encouraged attendees to implement proactive security measures and recognize potential cyber threats in real-world scenarios.



“Online Training workshop on Magento”



DEPARTMENT OF COMPUTER SCIENCE

Sophia Girls' College
(Autonomous), Ajmer

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IN COLLABORATION WITH

NEOBERX PVT. LTD. – UAE

IS ORGANISING

ONLINE TRAINING
WORKSHOP
ON MAGENTO



THURSDAY
3rd APRIL 2025



1:00 PM



COMPUTER SCIENCE
DEPT. (LABS)



Resource Person
Geetansh Soni

Project Manager
NEOBERX PVT. LTD.

INTERESTED STUDENTS CAN CONTACT SIR
GAUTAM CHATURVEDI  +91 95302 59383

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x x x x

- **Name of the Department:** Computer Science
- **Name of the Activity:** Online Training workshop on Magento
- **Total Number of the Students:** 119
- **Date:** 3rd April 2025
- **Venue:** Computer Labs

Report:

The Department of Computer Science of Sophia Girls' College (Autonomous), Ajmer has successfully organized an online training workshop on Magento, a leading e-commerce platform, on 3rd April 2025. The workshop aimed to provide participants with hands-on experience in setting up and managing e-commerce websites using Magento. The session was conducted by Mr. Geetansh Soni, Project manager at Neoberx Pvt. Ltd. The trainer provided valuable insights into real-world applications of Magento and guided participants through practical exercises.

The primary objectives of the workshop were to introduce students to the features and functionalities of Magento, provide practical experience in setting up an online store, and enhance technical skills in e-commerce website development.

Learning Outcome:

1. Participants gained knowledge about technical skills in e-commerce website development.
2. Gained a comprehensive understanding of Magento's features and functionalities and also learned to customize themes and extensions in Magento.
3. Acquired practical skills that can be applied to real-world e-commerce projects.

Geetansh Soni (Presenting)

Training Workshop on Mage... Summer Jackets - Jackets - Products / Inventory / Catalog - Cache Management / Tools - Meet - dem-graf-bri

magento.neoberx.com/amends/catalog/product/index/key/Z7223f4fa1a07711be6ca993899cc44205b325db0510668519540efeb6570de0/ Finish update

Products

Search by keyword

2040 records found 20 per page 1 of 102

ID	Thumbnail	Name	Type	Attribute Set	SKU	Price	Quantity	Salable Quantity	Visibility	Status	Websites	Last Updated At	Action
1		Joust Duffle Bag	Simple Product	Bag	24-MB01	\$34.00	100.0000	Default Stock: 100	Catalog, Search	Enabled	Main Website	Apr 1, 2025 11:53:32 PM	Edit
2		Strive Shoulder Pack	Simple Product	Bag	24-MB04	\$32.00	100.0000	Default Stock: 100	Catalog, Search	Enabled	Main Website	Apr 1, 2025 11:53:33 PM	Edit
3		Crown Summit Backpack	Simple Product	Bag	24-MB03	\$38.00	100.0000	Default Stock: 100	Catalog, Search	Enabled	Main Website	Apr 1, 2025 11:53:33 PM	Edit
4		Wayfarer Messenger Bag	Simple Product	Bag	24-MB05	\$45.00	100.0000	Default Stock: 100	Catalog, Search	Enabled	Main Website	Apr 1, 2025 11:53:33 PM	Edit
5		Rival Field Messenger	Simple Product	Bag	24-MB06	\$45.00	100.0000	Default Stock: 100	Catalog, Search	Enabled	Main Website	Apr 1, 2025 11:53:34 PM	Edit

12:03 PM | Online Workshop on Magento

Computer Science

GPS Map Camera

Ajmer, Rajasthan, India

Sophia Girls' College (Autonomous), Jaipur Rd, Mirsali Colony, Ajmer, Rajasthan, India

Lat 26.475981° Long 74.656024°

03/04/2025 12:04 PM GMT +05:30

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