

Event Date (from): 18/10/24 Event Date (to): 18/10/24 No. of Days: 01
 Name of the Event: Basics of data science & its Technological Evolution
 Type of the Event: Guest Lecture Venue: CSE (E - classroom)
 Organized by: CAPS Society No. of Pages of the Report: 25
 Name of Event Coordinator with Mobile No: Komal Purba (8847233535)

Resource Person Details (Name, Designation, Organization, Mobile, Email):

Prof. (Dr) Om Kumar Marsh (International Academic & Research Advisor, Brit College UK London)

No. of Students as Participant: 180/-

No. of Students as Attendee: 140/-

No. of Faculty/Staff Members as Participant: 3

No. of Faculty/Staff Members as Attendee: 2

List of Documents Enclosed (Please tick) (Write "NA" if not applicable)

Note: "Please write the relevant serial number with a pencil on the document attached."

S. N.	Description	Tick
1	Event Recommendation from Dean Student Affairs / Dean Academics	
2	Event & Budget Approval from Principal Office	✓
3	Objective and Outcome of the Event	✓
4	Circular	✓
5	Rules & Regulations	
6	List of Faculty /Student Coordinators	✓
7	Brochure	
8	Schedule	✓
9	Minute to Minute Program	
10	Duty Chart	
11	Invitation Letters	✓
12	Other Relevant Documents (Correspondence, Request Letters, Approval Letters etc.)	
13	Registration Forms of Participants	
14	Venue Hiring Form	

S. N.	Description	Tick
15	Uninterrupted Power Supply Form	
16	Attendance of Participants	
17	Attendance of Attendees	✓
18	Feedback from Students, Staff Members	✓
19	Result.	
20	Appreciation Letters	✓
21	Certificates	
22	Remuneration, Honorarium & TA DA to Resource Person	
23	Geotagged Photographs	✓
24	Non-Geotagged Photographs (High Resolution)	✓
25	All Pictures & Video of the Event Submit to IAC & Central Library	
26	Screenshots of Social Media Posts	✓
27	Press Coverage	
28	Statement of expenditure along with Bills	
29	Please tick if the event attended participated outside the Campus	

For Office Use only

Event ID: 0221103 Remarks: _____

In Process [] File Complete [] Scanned [] Uploaded on IQAC []

Signature of Event Coordinator


Signature



Recommendation & Approval for Guest Lecture

Department of Computer Applications

Name of the Event: "Basics of Data Science and its Technological Evolution"

Date(from): 18-10-2024

Date(to): 18-10-2024

Time: 10:00 am

Venue: CSE (E-Classroom)

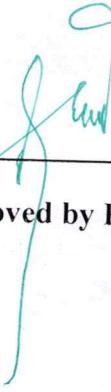
About the Guest Lecture

Department of Computer Applications is organizing a guest lecture on "Basics of Data Science and its Technological Evolution" for the students of BCA 5th Sem & MCA 3rd Sem by Brit College, London UK

To be organized by: Department of Computer Applications


Event coordinator


Recommended by HOD


Approved by Principal

Objectives:

1. Introduction to Data Science:

Understand the fundamental concepts of data science, including data types, data structures, and the data science lifecycle.

2. Historical Context:

Explore the evolution of data science and its impact on various industries, highlighting key milestones and technological advancements.

3. Data Collection and Preparation:

Learn techniques for data collection, cleaning, and preprocessing to prepare datasets for analysis.

Outcomes:

1. Fundamental Knowledge:

Participants will have a solid understanding of the key concepts and terminologies in data science.

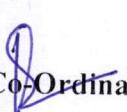
2. Practical Skills:

Ability to perform basic data analysis, including data cleaning, exploration, and visualization.

3. Historical Perspective:

Awareness of the technological evolution of data science and how it shapes current practices.

Event Co-ordinator


HOD, DCA





Department of Computer Applications

is going to organize

Guest Lecture

on

**BASICS OF DATA SCIENCE AND ITS
TECHNOLOGICAL EVOLUTION**

Resource Person

Prof. (Dr) Om Kumar Harsh



18th October, 2024



9:50 am



Brief Biography

Prof. (Dr) Om Kumar Harsh (Ex-Deputy Chancellor (Pro-Chancellor) and Vice Chancellor, Glocal University, Ex-Vice Chancellor of Tantia University).

Presently: International Academic and Research Advisor, Brit College, London, UK.

Distinguished Alumni of University of New England, Australia

<https://www.une.edu.au/connect/news/2018/11/distinguished-alumni-learnt-the-power-and-value-of-knowledge-at-une>

Details Trajectory:

<https://programminginsider.com/dr-om-kumar-harsh-a-luminary-in-the-crucible-of-scientific-exploration/>

<https://theinscribermag.com/exploring-the-remarkable-career-trajectory-of-dr-om-kumar-harsh/>

Experience: Prof. Om Kumar Harsh has over 48 years of rich academic experience as an academician, researcher, industry specialist, and institution builder out of which 24 years he has been aboard. Most of this experience was in Australia.

Qualifications: M.Comp (Computing, Australia), M.Sc. (Electrical Engineering-By Research, Australia), M.Sc. (Physics, India), Grad Cert (Chem. Instruments, Australia), Ph.D., D.Sc. (Physics, India), Ph.D. (Computer Science, Australia).

Om Kumar Harsh is an Indian Australian educator, Scientist, and noted leader of interdisciplinary and multidisciplinary areas within the Higher educator, research and innovation sectors. He has four research degrees in Computer Science, Physics and Engineering respectively. He is a Distinguished Alumni at the University of New England (UNE). He was the Vice-Chancellor of the Glocal University and Tantia University. He has also served as a Glocal University Pro-Chancellor (additional) wherein the course of his institutional duties, Harsh played a significant role in fostering the international exchange program and skill development. Harsh professional achievements have been recognized by the University of New England, Australia, Award like distinguished Alumni award and the Rastriya Gaurav Award by the India International Friendship Society. He has been the student of Shri Dungar College and dis his M.Sc. (Physics) in 1975.

Education

Ph.D. (Computer Science area) Australia, Ph.D., D.Sc. (Physics, India), M.Sc. (Physics, India), M.Comp. (Computing-IT, Australia), M.Sc. (Electrical Engineering-By Research, Australia), Grad Cert (Chem. Instruments, Australia).

Biography

Professor Harsh served as the Vice-Chancellor as well as the Pro-Chancellor (Glocal University) at Saharanpur, India, and the Vice-Chancellor (Tantia University) at Sri Ganganagar, India. He served for 45 years in five countries including India, while he spent over 22 years in the countries like Australia, Malaysia, Oman, and Dubai. He has worked as the Dean & Professor (Computer Science) in Dubai at the Champlain College (Burlington, Vermont, USA branch) and served as the Director of the Hindustan College of Science and Technology (An Engineering College in North India) - and later served at the Amritsar College

of Engineering and Technology (ACET) Colleges (Group) as its Group Director and at the Rayat Bahra University (Mohali, India) as a Research and Development Dean.

Professor Harsh moved to Australia in 1994 where he worked at the UNISA (University of South Australia (Whyalla), UNE (University of New England); Martin College (Charles Sturt University) Sydney, and later at the Monash University, Malaysia and branch of the Missouri University S&T, USA (Mazoon Colege and branch of California State University, Northridge, (CSUN), USA (Buraimi University College) (as a Chair of Research) in Oman. Professor Harsh is also an industry-oriented academician (experienced in Australia).

Early in his career, **Professor Om Kumar Harsh** worked at Agra University (currently Dr. BR Ambedkar University) from 1975 to 1978, the University of Lucknow (India) from March 1978 to February 1981, and afterward at the of Banaras Hindu University in India (Institute of Technology, Currently IIT) from March 1981 to October 1981 as a Council of Scientific & Industrial Research Senior and Post-doctoral Research Fellow. In Nov 1981 he joined as the Teaching staff (faculty) of the Kanpur University (currently Chhatrapati Shahu Ji Maharaj University) in India (Feroze Gandhi College, Rae Bareli, UP, India), in the Physics Department and continued there up to July of 1994.

Legacy

Professor Harsh's research areas are Software Reuse, Software Management, Semiconductor Condensed Matter Plasma Physics, Plasma Optics, Information Systems, Knowledge Management & Knowledge Reuse. He has done key research work on bulk, double , and surface plasma oscillations and Software knowledge reuse. He has also been involved in delivering skills-oriented teaching and learning knowledge to the varieties of students at the (including branches of the University of Missouri University S&T, the USA , and the University of California State University, Northridge, (CSUN), USA in Oman), Australia, Dubai, Oman and Malaysia. As a Dean of Computer Science, he had a role in promoting Champlain College (USA Burlington, Vermont branch) by involving in various international exchanges and other Industry skill-oriented programs.

Professor Harsh has to his credit more than 120 papers as well as articles on his research which involves 65 papers in the peer-reviewed journals, 45 papers in international conferences, 10 general articles on topics related to Science, Astrology, and Religion, and mentored over 70 Ph.D., MTech, and M.Sc. Students in their researches, Dissertations, and projects in various areas such as Computer Science Semiconductor Plasma Physics, Condensed Matter Physics Theoretical Plasma Physics, Plasma Optics, Information Systems, Software Reuse and learning and Distance Education in Information Systems and its associated fields. He has been engaged in educational administration in addition to the role of creating practical awareness about teaching and learning (education) by adding the technical skill and its associated engineering development facilities across several institutions. He has been key note speakers in various international conferences.

It was through his time as the head of the institution, the skill centers (at Tantia University and Glocal University) were established while as a director of the institute, he created a multidisciplinary center at HCST (Hindustan College of Science and Technology, Mathura). He was a part of a group that started special skill training for rural people at Glocal University and HCST (Hindustan College of Science and Technology), Mathura He has been engaged in multiple global tasks related to scientific and professional organizations. Professor Harsh has

been involved in joint new and articulation settlement, Curricula improvement, and collaborative (exchange) tasks for faculty and students in overseas and India with various universities in Canada, the United States, Australia, Afghanistan, Japan, Australia, etc. He initiated new courses and new techniques for checking and investigating the excellence of education at numerous institutions. As a representative and planner, he has been engaged in several conferences as well as seminars at international and national levels. He has also been involved several international committees and advisor of some of the prominent universities.

Awards, Contribution and Recognitions

In 2012, **Professor Harsh** received the "Rashtriya Gaurav Award" by India International Friendship Society, "Most promising College Award," and "Several Community awards" and or "facilitation" for his academic contributions and achievements. Professor Harsh was conferred the Doctor of Science degree in Physics in Physics of Kanpur University in 1990 in a convocation presided by the Ex-President and the sitting Vice-President of India, Dr. K. R. Narayanan. He was also conferred the Best Engineering (North India) University Award by the Vice President of India in 2018 for shaping the Glocal University.

Based on his achievements, the University of New England, Australia honored him the Distinguished Alumni Award In 2018 while Brazilian Rio's International Council honored him with an Associate membership as a result of his investigation research related to Knowledge Reuse and Knowledge Management. Initially, at the start of his research career, he was accredited Fellowships by the Council of Scientific & Industrial Research (CSIR) India for his Senior and Post-doctoral Research. In Australia, the University of New South Wales and the University of New England conferred research-oriented Awards on him. He is on the editorial board on numerous research periodicals and societies.

He had been a member of the Association for Computing Machinery, the Indian Society of Atomic and Molecular Physics as well as the Indian Science Congress Association. He has been a member of several national and international academic advisory boards and societies. He is also the adjunct Professor of the American University of London. Professor Harsh delivered several keynote addresses at National and International conference.

Some positions/Experience held by Prof Om Kumar Harsh:

- First Indian awarded as Distinguished Alumni of University of New England, Australia.
- Renowned Qualifications like four research degrees in Physics, Engineering and Computer Science.
- Deputy Chancellor (Pro-Chancellor, Addl) of Glocal University.
- Vice Chancellor of Glocal University
- Vice Chancellor of Tantia University
- Director of one of the largest Engineering College of India (Hindustan College of Science & Technology)
- Group Director of Amritsar Group of Engineering Colleges
- First Doctor of Science (D.Sc. in Physics) award from Kanpur University
- Keynote speaker of several national and international conferences
- Working Experience of five countries
- Experience as a researcher and faculty in all the three fields such as Physics, Electronic Engineering and Computer Science & Engineering
- Substantial Experience of international collaboration among several universities across the Globe.

- Huge experience of establishing skill centres at several institutions across five countries.
- Experience as post-doctoral researcher at Lucknow University, IIT BHU and IIT Delhi and University of New South Wales.
- Guiding Experience of over 70 PhD's, MTech's and M.Sc.'s
- Advisor of several Universities.
- Experience of interacting with Industries.
- Research Chair at Californian University (Buraimi College) branch in Oman
- Dean and Prof of Computer Science at American Champlain college branch in Dubai.
- Faculties of Australian Universities like University of South Australia, Charles Sturt University, University of New England, Monash University etc.
- Research Examiner of several Universities.
- Working experience with internationally extremely highly reputed Professors.

List of Students Co-Ordinator's

1. Simarpreet Singh (9877422909)
2. Charanpreet Singh (7986247668)
3. Sehajpreet Kaur (8699643411)
4. Harjot Kaur (7087932530)

List of Faculty Co-Ordinator's

1. Komal Purba (8847233535)
2. Veena Devi (6280247310)

Event Co-Ordinator


HOD, (DCA)



AMRITSAR GROUP OF COLLEGES

Department of Computer Applications

Organizes

Guest Lecture

On

“Basics of Data Science and its Technological Evolution”

By

Prof. (Dr) Om Kumar Harsh

International Academic and Research Advisor

Brit College, London UK

On

18-10-2024

For BCA 5th Sem & MCA 3rd Sem

Venue: CSE (E-Classroom) (Time: 10:00 am)

Dr. Sachin Khurana

HOD (DCA)

CC: P.A to Chairman Sir (For Kind Information)

PA to MD Sir

PA to Principal Sir

All HOD's



Invitation Letter for Guest Lecture

Department of
Computer Applications

AGC/DCA/2742

Date: 14-10-2024

Prof. (Dr) Om Kumar Harsh
International Academic and Research Advisor
Brit College, London UK

Respected Sir,

On behalf of the Department of Computer Applications at Amritsar Group of Colleges it is my pleasure to extend an invitation to you to deliver a guest lecture on "**Basics of Data Science and its Technological Evolution**". We have been greatly impressed by your work and we believe that your insights would be incredibly valuable to our students and faculty.

The details of the event are as follows:

Date: [18 Oct 2024]

Time: [10.00am]

We would be honored if you could share your expertise on "**Basics of Data Science and its Technological Evolution**" with us. Your lecture would be followed by a Q&A session to engage in further discussion with our students.

Please let us know your availability for the proposed date. We are flexible and willing to accommodate your schedule to ensure your participation.

Thank you for considering our invitation. We look forward to the possibility of welcoming you to Amritsar Group of Colleges and benefiting from your valuable insights.

Warm regards,

Dr. Sachin Khurana

HOD, DCA

S.No	University Rollno	Name	Signature
1	2342016	Aman Kumar	<i>Aman Kumar</i>
2	2333493	Aman Singh Pathania	<i>AB</i>
3	2333494	Birinder Kaur	<i>Birinder Kaur</i>
4	2333495	Devashish Kumar	<i>AB</i>
5	2333497	Gorav Singh Manhas	<i>AB</i>
6	2333498	Gurpreet Kaur	<i>AB</i>
7	2333499	Gurpreet Singh	<i>Gurpreet Singh</i>
8	2333501	Harleen Kaur	<i>AB</i>
9	2333502	Harmandeep Kaur	<i>AB</i>
10	2333504	Kanika	<i>Kanika</i>
11	2333505	Kashish	<i>Kashish</i>
12	2333506	Lovedev Singh	<i>AB</i>
13	2333507	Mandeep Singh	<i>AB</i>
14	2333508	Maninder Kaur	<i>Maninder Kaur</i>
15	2333509	Md Faisal Imtiyaz	<i>AB</i>
16	2333512	Naveen Kumar	<i>AB</i>
17	2333513	Navneet Kaur	<i>AB</i>
18	2333514	Nitesh Kumar	<i>Nitesh Kumar</i>
19	2333518	Simarpreet Singh	<i>AB</i>
20	2333519	Uma	<i>Uma</i>
21	2333520	Vishwakarma Kumar	<i>Vishwakarma Kumar</i>

S.No	Uni Rollno	Name	Signature
1	2233918	Abhinav Kumar Thakur	Abhinav
2	2233919	Abhishek Kumar	Abhishek
3	2233920	Aditya Mishra	Aditya
4	2233921	Aakashdeep Singh	Aakashdeep Singh
5	2233923	Akshit Mahajan	Akshit
6	2233924	Aman Prasad	Aman
7	2233925	Amit Lakotra	(AB)
8	2233926	Ana	Ana
9	2233928	Ankit Raj	Ankit
10	2233930	Anshpreet Singh	(AB)
11	2233931	Anshuman Sohal	Anshuman
12	2233932	Armandeep Singh	Armandeep Singh
13	2334044	Aryan Verma	(AB)
14	2233933	Avi Sharma	Avi
15	2233934	Avneet Kaur	Avneet Kaur
16	2233935	Chandan Kumar	Chandan
17	2233936	Charanpreet Singh	Charanpreet
18	2233938	Dharampreet Singh	Dharampreet
19	2233940	Dhruv Kumar	(AB)
20	2233942	Durgesh Prasad Kurmi	(AB)
21	2233943	Garima Bhalla	Garima
22	2233944	Gaurav Kumar	Gaurav
23	2233945	Ghanishtha Kapoor	Ghanishtha
24	2233946	Gulshan	Gulshan
25	2233948	Gurwinder Singh	Gurwinder Singh
26	2233949	Harjinder Singh	(AB)
27	2233950	Harjot Kaur	Harjot Kaur

28	2233953	Harman Singh	AB
29	2233957	Harsharan Kaur	Harsharan Kaur
30	2233958	Harshit Handa	Harshit
31	2233956	Harshpreet Singh	AB
32	2233960	Harwinder Singh	Harwinder Singh
33	2233961	Honey	Honey
34	2233964	Jasmeet Kaur	Jasmeet Kaur
35	2233968	Jyotika	Jyotika
36	2233970	Karan Kumar Sharma	Karan
37	2233973	Komalpreet Kaur	Komalpreet Kaur
38	2233974	Komalpreet Kaur	AB
39	2334045	Kunal	Kunal
40	2233976	Manas Kumar	Manas Kumar
41	2233980	Manpreet Kaur	AB
42	2233983	Mansi Sarna	Sarna

S.No	Uni Rollno	Name	Signature
1	2233981	Manpreet Kaur	AB
2	2233985	Md Jilani Mikrani	Jilani
3	2233987	Meraj Ansari	Meraj
4	2233988	Milky Rani	Milky Rani
5	2233990	Namrata Raj	Namrata Raj
6	2233991	Nirankar Singh	AB
7	2233992	Noordeep Kaur	Noordeep Kaur
8	2233995	Pawandeep Kaur	Pawandeep Kaur
9	2233996	Prabha	Prabha
10	2233997	Praney Sanjay Kashid	Praney
11	2233999	Priyanshu Raj	Priyanshu Raj
12	2234000	Purshotam Joshi	Purshotam
13	2234001	Queen Kaur	Queen Kaur
14	2234002	Radhika	Radhika
15	2234005	Rahul Kumar Shah	Rahul Shah
16	2234006	Rahul Kumar Yadav	Rahul
17	2234007	Rajveer	Rajveer
18	2234008	Rakib Anwar	Rakib
19	2234010	Ramandeep Kaur	AB
20	2234011	Rana Anmol Singh	Anmol Singh
21	2234012	Ranbir Singh	Ranbir
22	2234016	Ricky Kumar	Ricky Kumar
23	2234017	Rohit Gupta	AB
24	2234019	Romanpreet Kaur	Romanpreet Kaur
25	2234020	Sajan Singh	AB
26	2234023	Sehajdeep Kaur	Sehajdeep
27	2234024	Shreyansh Chaturvedi	Shreyansh
28	2234026	Simarpreet Singh	Simarpreet Singh

29	2234028	Sintu Kumar	Sintu Kumar
30	2234029	Sneha Sapra	Sneha Sapra
31	2234030	Snehdeep Singh	AB
32	2234031	Snehdeep Singh	Snehdeep Singh
33	2234032	Sukhraj Singh	AB
34	2234034	Sumit Singh	Sumit singh
35	2234036	Tanish Chopra	AB
36	2234040	Vanisha	AB
37	2234041	Vardan Aggarwal	Vardan
38	2234043	Vipan Kumar	Vipan Kumar
39	2234046	Yanish Kakkar	AB

Amritsar Group of Colleges

Department of Computer Application

Roll No. 2333494

Name of the Student: BIRINDER KAUR

FEEDBACK FORM FOR GUEST LECTURE

Guest Lecture Title: "Basics of Data Science and its Technological Evolution"

Name of the Speaker: Prof. (Dr) Om Kumar Harsh, International Academic and Research Advisor, Brit College, London UK

We would like to ensure that the sessions were relevant and useful for you. Give your impartial feedback to make the future lectures more beneficial for you.

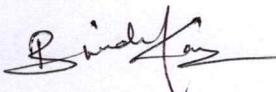
➤ Please '✓' the option you find most suitable.

S.No.	Question	Extremely Good	Good	Average	Poor
1.	Overall organization of the lecture	✓			
2.	How relevant was the content discussed by the speaker?		✓		
3.	How much interesting this session was for you?		✓		
4.	Was the lecture up to your expectation?		✓		
5.	Your opinion about the speaker		✓		
6.	How much this session was useful from the knowledge and information point of view?		✓		
7	Overall effectiveness of the lecture		✓		

Additional comments and suggestions

This session was very informative and interesting, looking forward for more such sessions.

Date: 18/10/2024

Signature: 

Amritsar Group of Colleges

Department of Computer Application

Roll No. 2333505

Name of the Student: KASHISH

FEEDBACK FORM FOR GUEST LECTURE

Guest Lecture Title: "Basics of Data Science and its Technological Evolution"

Name of the Speaker: Prof. (Dr) Om Kumar Harsh, International Academic and Research Advisor, Brit College, London UK

We would like to ensure that the sessions were relevant and useful for you. Give your impartial feedback to make the future lectures more beneficial for you.

➤ Please '✓' the option you find most suitable.

S.No.	Question	Extremely Good	Good	Average	Poor
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2.	How relevant was the content discussed by the speaker?		✓		
3.	How much interesting this session was for you?	✓			
4.	Was the lecture up to your expectation?	✓			
5.	Your opinion about the speaker		✓		
6.	How much this session was useful from the knowledge and information point of view?	✓			
7	Overall effectiveness of the lecture	✓			

Additional comments and suggestions

Good lecture for future

Date: 18th October, 2024

Signature: Kashish

Amritsar Group of Colleges

Department of Computer Application

Roll No. 2333504

Name of the Student: Kanika

FEEDBACK FORM FOR GUEST LECTURE

Guest Lecture Title: "Basics of Data Science and its Technological Evolution"

Name of the Speaker: Prof. (Dr) Om Kumar Harsh, International Academic and Research Advisor, Brit College, London UK

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➤ Please '✓' the option you find most suitable.

S.No.	Question	Extremely Good	Good	Average	Poor
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3.	How much interesting this session was for you?	✓			
4.	Was the lecture up to your expectation?		✓		
5.	Your opinion about the speaker	✓			
6.	How much this session was useful from the knowledge and information point of view?	✓			
7	Overall effectiveness of the lecture	✓			

Additional comments and suggestions

Excellent lecture

Date: 18 October 2024

Signature: Kanika

Amritsar Group of Colleges

Department of Computer Application

Roll No. 2323519

Name of the Student: Uma

FEEDBACK FORM FOR GUEST LECTURE

Guest Lecture Title: "Basics of Data Science and its Technological Evolution"

Name of the Speaker: Prof. (Dr) Om Kumar Harsh, International Academic and Research Advisor, Brit College, London UK

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➤ Please '✓' the option you find most suitable.

S.No.	Question	Extremely Good	Good	Average	Poor
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2.	How relevant was the content discussed by the speaker?		✓		
3.	How much interesting this session was for you?		✓		
4.	Was the lecture up to your expectation?		✓		
5	Your opinion about the speaker		✓		
6	How much this session was useful from the knowledge and information point of view?		✓		
7	Overall effectiveness of the lecture	.	✓		

Additional comments and suggestions

This session is very good for information of data science.

Date: 18-10-24

Signature: Uma

Amritsar Group of Colleges

Department of Computer Application

Roll No. 2333513

Name of the Student: Navneet Kaur

FEEDBACK FORM FOR GUEST LECTURE

Guest Lecture Title: "Basics of Data Science and its Technological Evolution"

Name of the Speaker: Prof. (Dr) Om Kumar Harsh, International Academic and Research Advisor, Brit College, London UK

We would like to ensure that the sessions were relevant and useful for you. Give your impartial feedback to make the future lectures more beneficial for you.

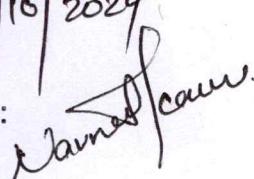
➤ Please '✓' the option you find most suitable.

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2.	How relevant was the content discussed by the speaker?	✓			
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4.	Was the lecture up to your expectation?		✓		
5	Your opinion about the speaker	✓			
6	How much this session was useful from the knowledge and information point of view?		✓		
7	Overall effectiveness of the lecture	✓			

Additional comments and suggestions

Date: 18/10/2024

Signature:



Event Name	Date:	Venue	Positive Feedback:	Summary of Feedback
“Basics of Data Science and its Technological Evolution”	18-10-24	CSE E-Classroom	<ol style="list-style-type: none"> 1. The Speakers were knowledgeable and inspiring 2. The Seminar was incredibly informative and engaging. 3. Interactive sessions received high praise. 	Overall Satisfaction was very good.

Conclusion: - The “Basics of Data Science and its Technological Evolution” event was well-received, with satisfaction ratings. Suggestions for improvement will be taken into consideration for future planning.

Event Co-Ordinator



HOD, (DCA)

AGC/DCA/2743

Date: 18-10-2024

Prof. (Dr) Om Kumar Harsh
International Academic and Research Advisor
Brit College, London UK

Subject: Appreciation letter for guest lecture on "Basics of Data Science and its Technological Evolution"

Respected Sir,

On behalf of our department team (Department of Computer Applications) at Amritsar Group of Colleges, we would like to express our gratitude to you for a **for Guest Lecture on "Basics of Data Science and its Technological Evolution"** "for students of BCA 5th Sem and MCA 3rd Sem. Your lecture on the subject was really informative and everyone present were not only in awe of your knowledge but also greatly impressed by your style.

It was great pleasure to listen to your lecture and learn so much from it. I take this opportunity to thank you on behalf of our entire team and students for taking out some time from your busy schedule and share knowledge with our students and faculty.

Thanks, and regards



Dr. Sachin Khurana

HOD, (DCA)

Example: Data and Information?

Information is any entity or form that resolves uncertainty or provides the answer to a question of some kind. It is thus related to data and knowledge, as data represents values attributed to parameters, and knowledge signifies understanding of real things or abstract concepts.

Raw Data: 42, 63, 36, 74, 56, 46

Context: Jayne's scores in the six AS/A2 ICT modules

Information: Processing ???

What is information in Layman's terms?

Information is something that people can learn, know about, or understand.

For example, a newspaper contains information about the world. This article contains information about "Information".

Om Kumar

Pavitar is presenting

Knowledge

- Knowledge is the understanding of rules needed to interpret information

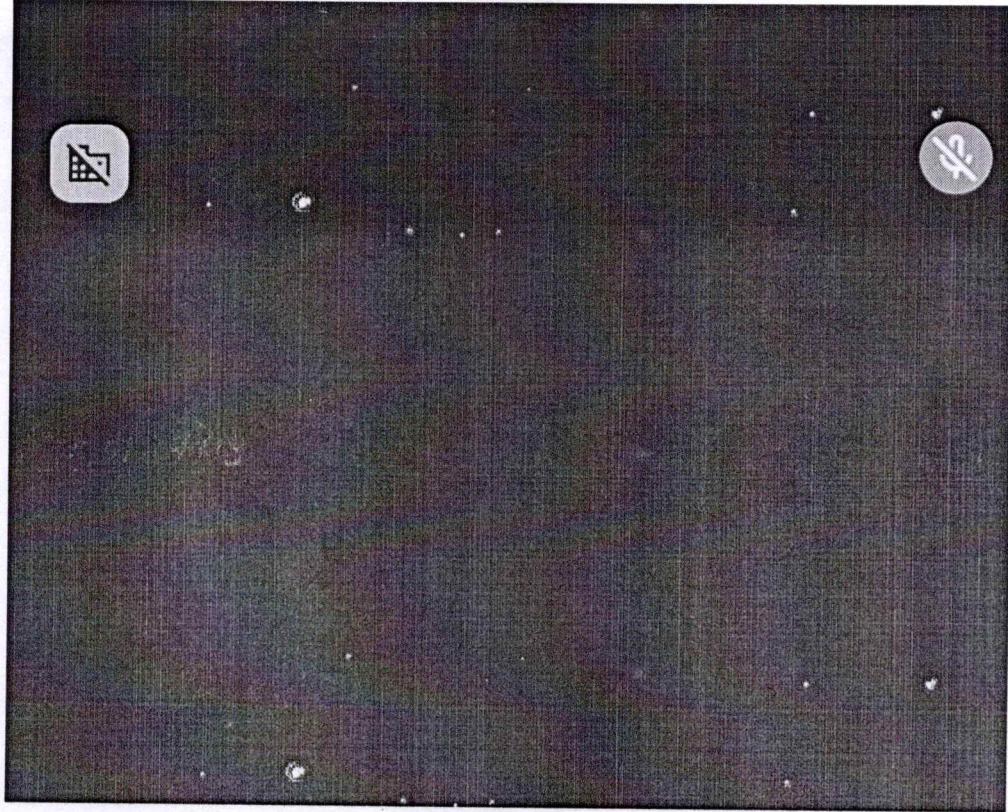
“...the capability of understanding the relationship between pieces of information and what to actually do with the information”

Debbie Jones - www.teach-ict.com

Diagram illustrating the relationship between Knowledge, Information, and Data:

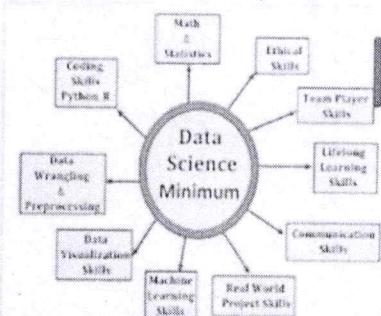
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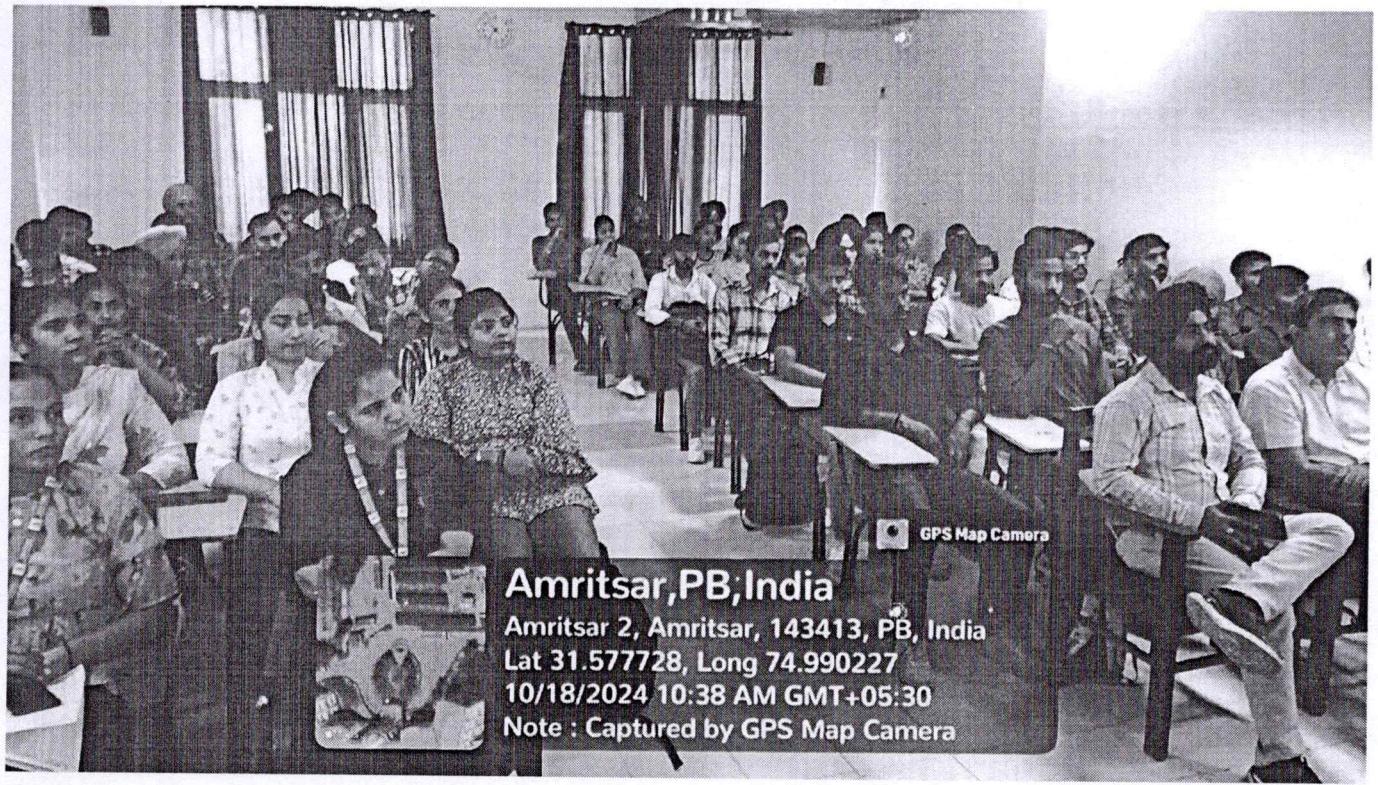


- **What is Data Science?**

- A Data Scientist is responsible for extracting, manipulating, pre-processing and generating predictions out of data. In order to do so, it requires various statistical tools and programming languages.
- In this lecture, we will discuss some general applications and tools used by the Data Science to carry out their data operations.
- We will understand the key features of the tools, benefits they provide, and key companies involved.



Pavitar is presenting



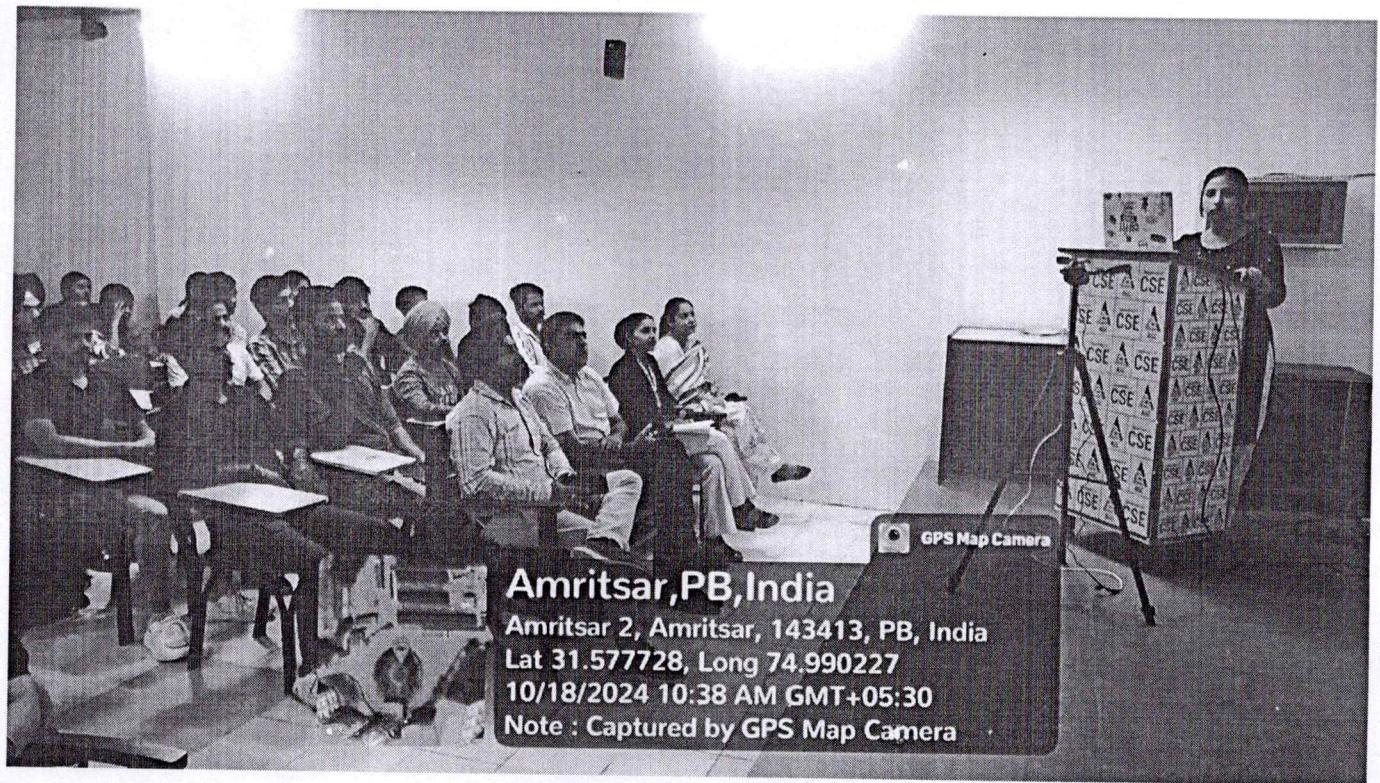
Amritsar, PB, India

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Lat 31.577728, Long 74.990227

10/18/2024 10:38 AM GMT+05:30

Note : Captured by GPS Map Camera



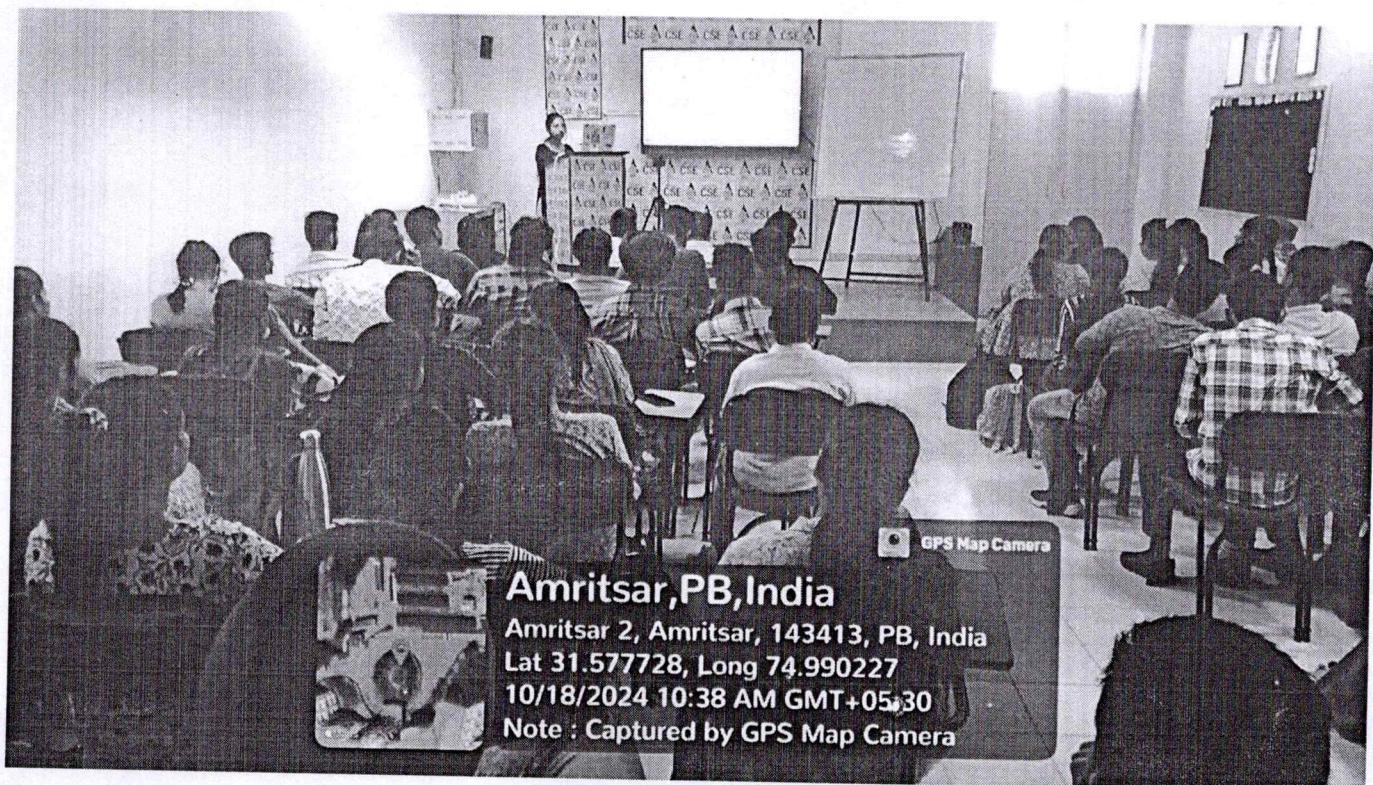
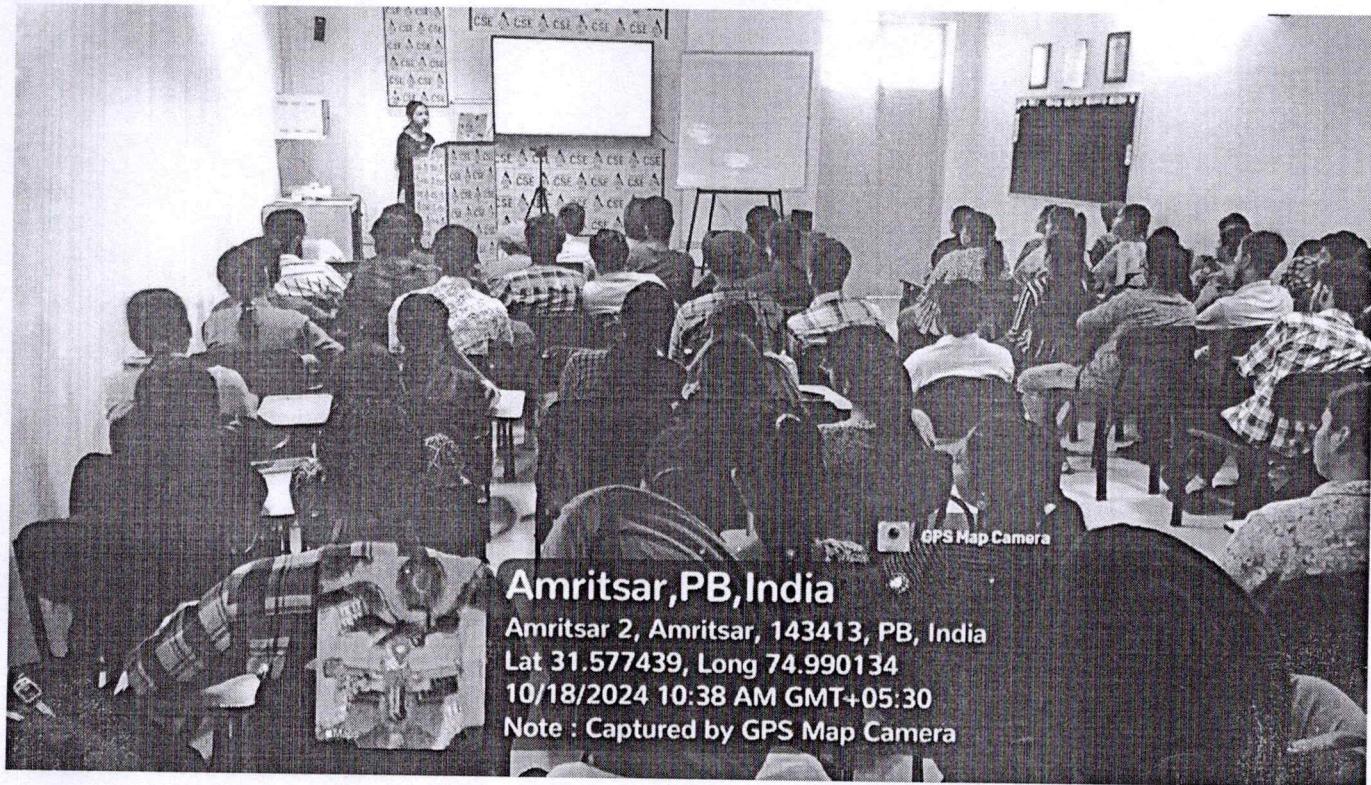
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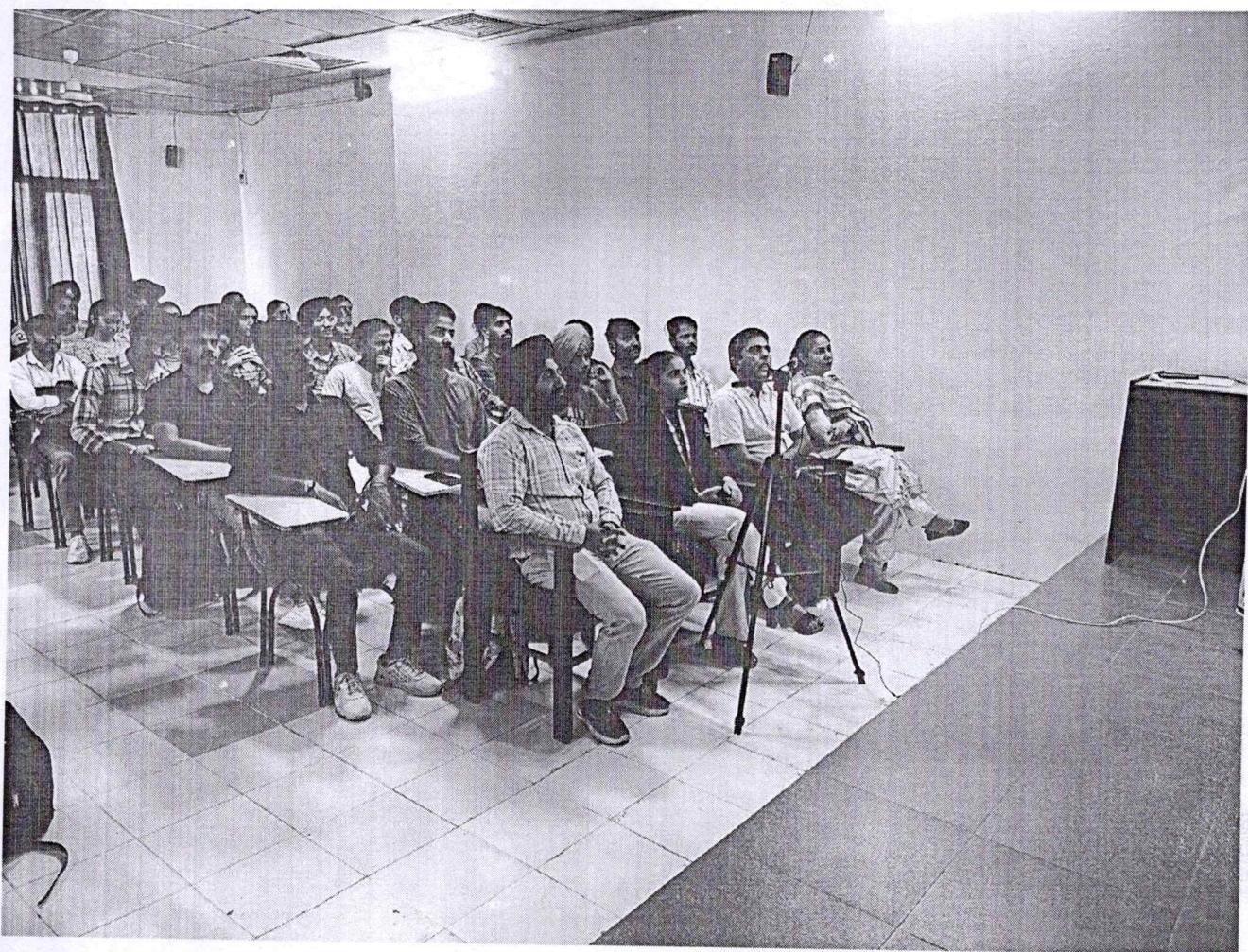
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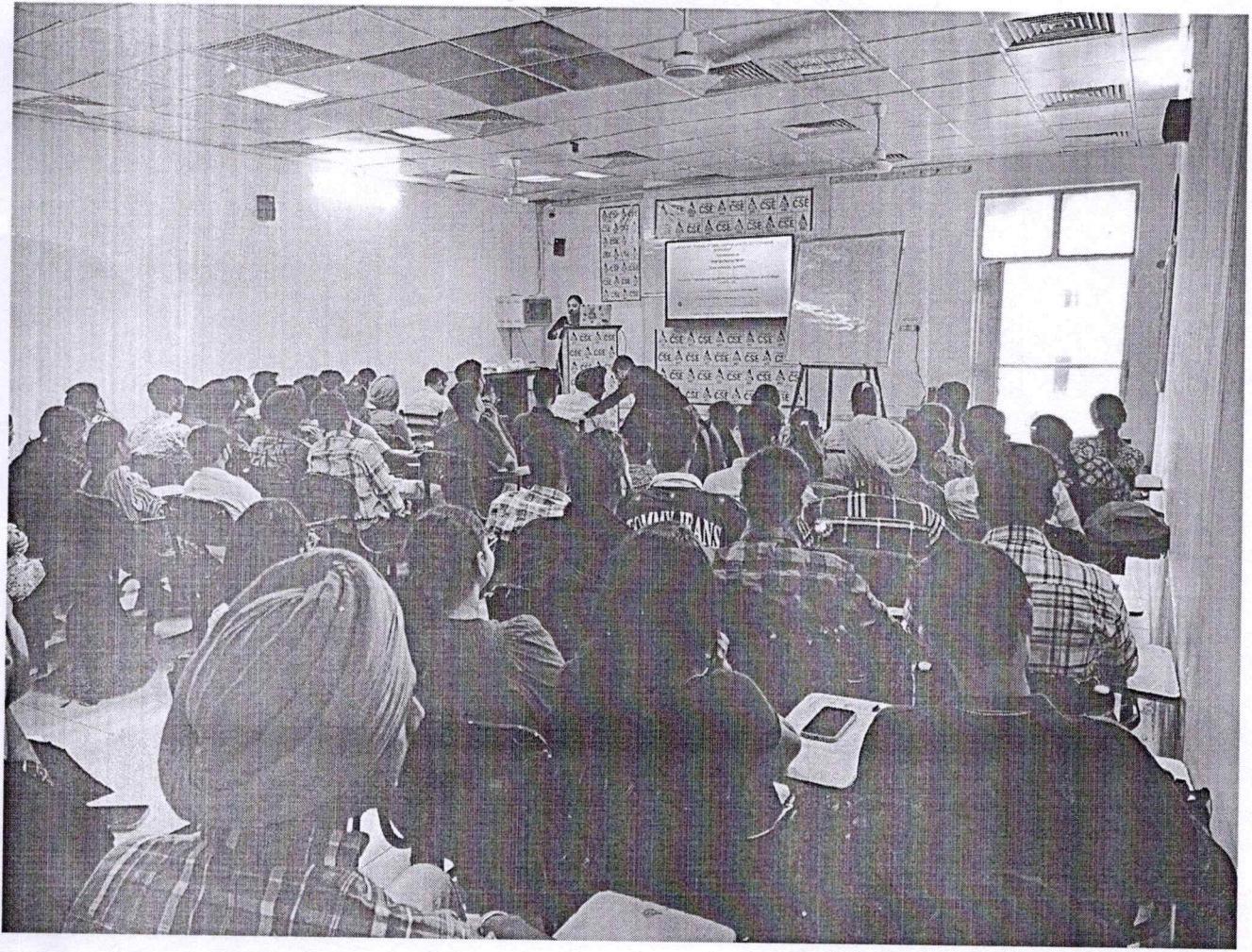
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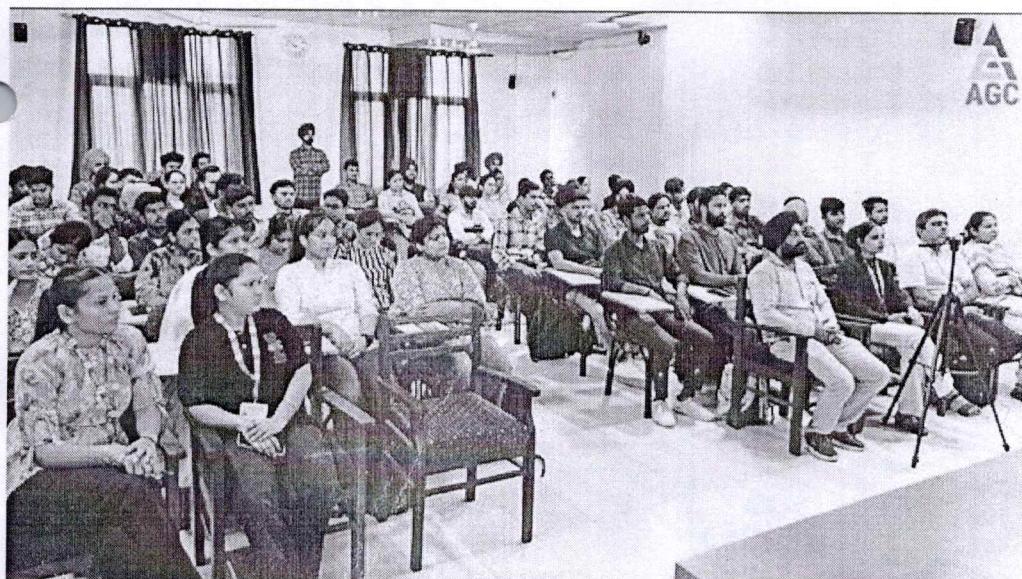






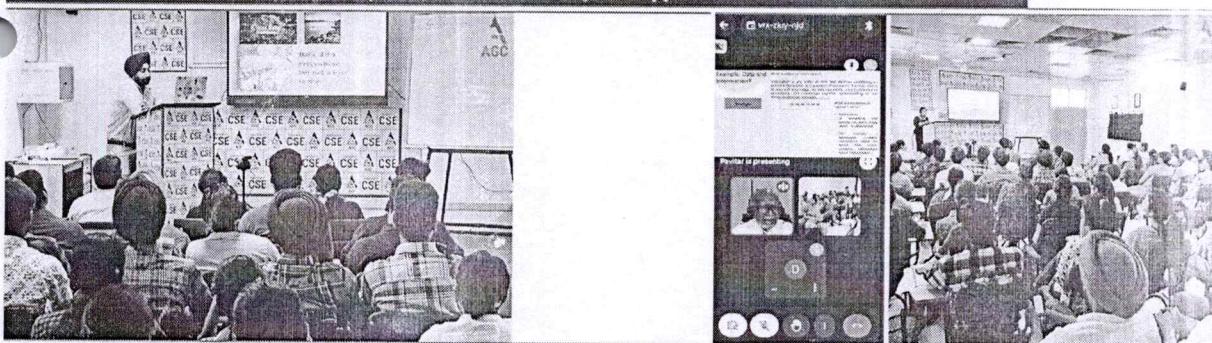
Department of Computer Applications is Organised Guest Lecture on "Basics of data science and its Technological Evolution" by Prof. (Dr) Om Kumar Harsh (Ex-Deputy Chancellor (Pro-Chancellor) and Vice Chancellor, Glocal University, Ex-Vice Chancellor of Tantia University). A big thank you to our speaker and all the participants for making this event informative and engaging. The session provided deep insights into the world of data science and its rapid technological advancements.

#AGC #AmritsarGroupofColleges #GuestLecture #DataScience #TechnologicalEvolution
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Guest Lecture on Basics of Data Science and its Technological Evolution

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10

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