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### Criterion No: 6.3.3

**Criterion Details:** Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year.

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### Vision

- To emerge as an academic centre producing world class professionals promoting innovation and research.

### Mission:

- To promote intellectual and skilled human capital generation employment and entrepreneurship.
- To be educational centre of excellence of multi ethnicity and diversity.
- To establish as technology driven teaching learning institution.
- To provide world class platform for research and innovation.
- To inculcate social, environmental, heritage values.



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0135-2699300  
0135-2699308



## **Report on Guest Lecture: Information Security and Its Relevance in Today's Technical Era**

**Date:** 18th November 2022

**Venue:** Computer Lab-01

**Organized by:** Tulas Institute

### **Introduction**

On 18th November 2022, Tulas Institute hosted a guest lecture titled "Information Security and Its Relevance in Today's Technical Era." The event aimed to raise awareness about the importance of information security among both teaching and non-teaching staff, given the increasing prevalence of cyber threats and data breaches.

### **Attendance**

The lecture witnessed enthusiastic participation, with approximately 20 staff members in attendance. This included faculty from various departments and administrative staff, demonstrating a collective interest in enhancing our security practices.

### **Key Highlights of the Lecture**

1. **Understanding Information Security:** The speaker provided a comprehensive overview of what information security entails, emphasizing its critical role in protecting data integrity, confidentiality, and availability.
2. **Current Trends and Threats:** Various emerging threats, including phishing, ransomware, and insider threats, were discussed. The speaker highlighted recent high-profile breaches to illustrate the potential risks organizations face.
3. **Best Practices for Data Protection:** Practical strategies were shared, such as:
  - Implementing strong password policies
  - Regularly updating software and systems
  - Conducting security awareness training for all staff
4. **Real-World Case Studies:** The lecture included several case studies that provided insight into how different organizations have effectively managed security incidents and what can be learned from their experiences.
5. **Q&A Session:** An interactive Q&A session allowed participants to engage with the speaker, further clarifying their doubts and discussing specific challenges related to information security in their respective roles.

### **Conclusion**

The guest lecture successfully emphasized the relevance of information security in our current technical landscape. Participants left with a deeper understanding of the importance of protecting sensitive information and practical steps they can take to enhance security practices within the institute.

### **Recommendations**

To continue building on the knowledge gained from this lecture, it is recommended that Tulas Institute:

- Organize regular workshops and training sessions on information security.
- Develop a comprehensive information security policy for staff.
- Foster a culture of security awareness through ongoing communication and resources.

  
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## Event Photographs



Fig 1- Guest lecture on Information Security & its relevance



Fig 2- Guest lecture on Information Security & its relevance

  
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Report and Photos of Two Days Workshop on Library Management Using Libsys  
Software





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ACCREDITED INSTITUTE  
HIGHEST RATING AMONGST  
COLLEGES & UNIVERSITIES IN  
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Affiliated: \*Uttarakhand Technical University \* Sri Dev Suman Uttarakhand University \*Uttarakhand Board of Technical Education

Date: 30/08/2022

## Two Day Workshop on Library Management using Libsys Software

Tula's Library organized a 2-day workshop on Libsys Software from 26 Aug-27 Aug 2022 in which Mr. Kamal Kant (Former Librarian, Nalanda University, Rajgir) was the resource person. The workshop was inaugurated by Dr. Sandip Vijay (Director Tula's Institute) by wearing a stole to Resource Person.

The inaugural function was attended by Dr. Nishant Saxena (Dean Academics), Dr. Pawan Kumar Choubey (Registrar), Dr. Ranit Kishor (Dean Management and Agriculture) and Mr. Abhishek Kumar Sharma (Senior Librarian). All the staff of the library including the senior librarian participated in the two-day workshop.

### Workshop Agenda

#### Day 1:

On the first day, the library staff was made aware of the various modules of Libsys software by the resource person, in which information about acquisition, circulation, cataloguing, OPAC was given.

**1-Acquisition:** -The resource person provided information on how to access the library study material and how the library orders are processed by the Libsys software.

**2- Circulation:** -The process of issuing, returning and renewing books to the student was discussed in the circulation module. The process of extending the due date of already issued books was also discussed.

**3- Cataloguing:** - Discussed with library staff how to process library study material in cataloging module of Libsys software.

**4-OPAC:** Discussed with library staff on how OPAC searches library material with the help of title, author, publisher, ISBN number.

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Figure1: Photo of Two Days Workshop on Library Management Using Libsys Software

  
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## Day 2:

On the second day of the workshop, the resource person explained to the library staff about the various new technologies used in the library.

1. **QR-Code:** - Generating QR-codes for library's e-resources and use of QR-codes by library users.
2. **Book Number:** - Generation of book number by OCLC cutter methods.
3. **Plagiarism:** - Library staffs were made aware of plagiarism software, how plagiarism software works and how to detect plagiarism in any document.
4. **Stock Verification:** A discussion was held and the library staffs were trained on the process of stock verification of library material by Libsys software.

After the conclusion of the workshop the resource person visited the library, in which some suggestions were given to the librarian to improve the working and documentation of the library, which are as follows.

S.No.	Audit points	Status	Observation & Suggestions
1	Library is automated using Integrated Library Management System (LIBSYS)	Available	Library should be shifted from LIBSYS software to KOHA software (Open Access Software) KOHA OPAC can also be used for library website.
2	Book Barcode	Available	The Size of the Barcode of Books should be larger
3	Reading Room	Available	Separate reading room required of self-study
4	Spine label of books	No	The call number of the books should be placed on the spine of the Books.
5	Book No.	Available	OCLC Cutter's tool may be used for book no.
6	Book Exhibition/Book Fair	No	Book Exhibition/book fair may be organize for the addition of latest edition of books as per syllabus.

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Figure2: Photo of Two Days Workshop on Library Management Using Libsys Software

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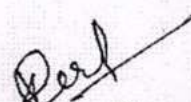
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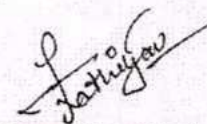
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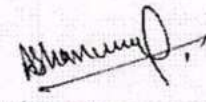
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7	Institutional Repository	Available	Institutional Repository through open source software DSpace may be Implemented in the library. The following resources can be managing and access on Internet (with I the campus) 1- Old Question Papers 2- News Papers Clippings 3- Useful journals articles 4- Faculty publications.
8	QR Code	No	QR Codes of various online library services and resources may be pasted in the library, so that users can scan the QR code and access the desired resource.
9	Shelf location of books	Available	In my view displaying subject and class no should be in frame with plastic transparent sheet on books shelf.
10	Displaying library activates and services	Available	To be installing LED in entrance point of library for displaying library activities and services.
11	Footfall counter report	Available	Entry and Exit attendance of library users should be done online mode through software.
12	Orientation program	Available	Orientation training and information literacy programme should be organized by the library at regular intervals so that more users can improve their proficiency in e-resources use for academic purpose.

  
External Auditor

  
Library Coordinator

  
Librarian





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Figure3: Photo of Two Days Workshop on Library Management Using Libsys Software


  
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Figure4: Photo of Two Days Workshop on Library Management Using Libsys Software



Figure5: Photo of Two Days Workshop on Library Management Using Libsys Software

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Figure6: Photo of Two Days Workshop on Library Management Using Libsys Software

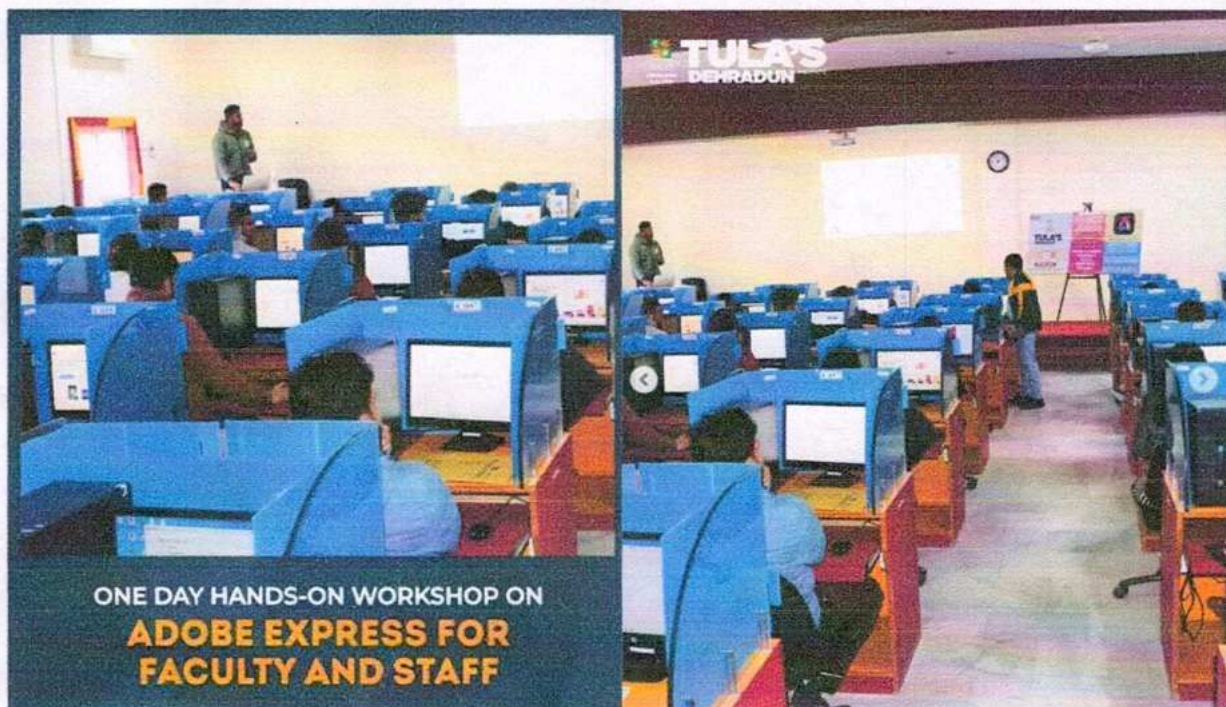


Figure7: Photo of Two Days Workshop on Library Management Using Libsys Software

*Ray*  
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Tula's Institute, Dehradun



## Event Report: Adobe Express Hands-On Workshop at Tula's Institute



### Event Overview:

On February 17, 2023, Tula's Institute, a leading educational institution in Dehradun, successfully hosted the AICTE-sponsored Adobe Express Hands-On Workshop. This event was expertly led by Adobe professionals and was designed to enhance the skills of faculty and staff in utilizing Adobe Express for photo editing and design purposes.

### Objective:

The primary objective of the workshop was to familiarize and equip the participants with the essential skills to use Adobe Express effectively. This included training on basic editing tools, text addition, and filter application, as well as an introduction to the latest features of Adobe Express.

### Attendance:

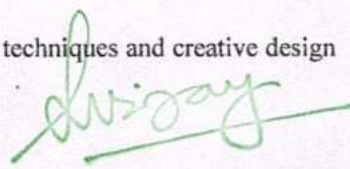
The workshop saw active participation from a diverse group of individuals, including students, professionals, and design enthusiasts from Tula's Institute and beyond. The event was well-attended, with participants eager to learn and apply new skills in digital content creation.

### Activities and Learning:

Throughout the day, participants engaged in various interactive sessions where they practiced using Adobe Express under the guidance of Adobe experts. The hands-on approach allowed participants to directly apply what they learned in a supportive environment, with immediate feedback from instructors.

### Highlights:

**Expert-led Sessions:** Adobe experts provided insights into advanced photo editing techniques and creative design strategies using Adobe Express.

  
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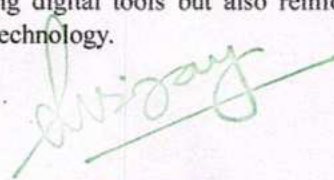


**Collaborative Learning Environment:** The workshop encouraged a collaborative atmosphere where participants could discuss their projects and gain insights from their peers.

**Practical Experience:** Attendees worked on individual projects, applying their new skills to create visually appealing designs.

**Conclusion:**

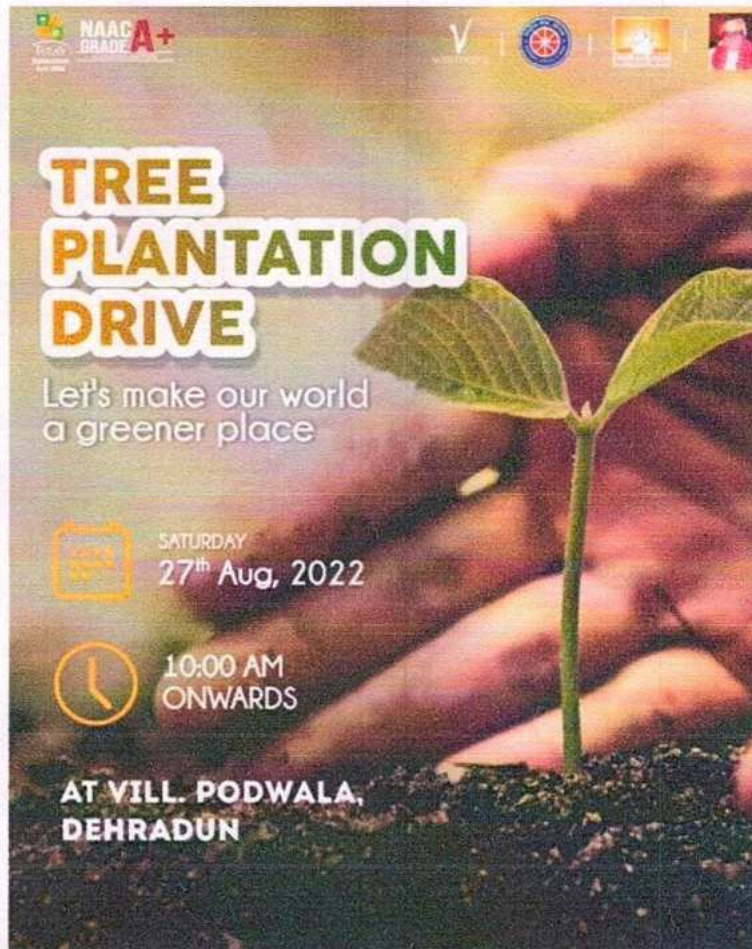
Dr. Anik Kumar Dhaiya, Director of Tula's Institute, remarked on the success of the workshop, noting the importance of such initiatives in keeping the faculty and staff abreast with the latest technological advancements. The workshop not only boosted the participants' confidence in using digital tools but also reinforced Tula's Institute's commitment to enhancing educational experiences through technology.



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## Event Report: Tree Plantation Drive at Vill. Podwala, Dehradun



### Event Overview:

The Tree Plantation Drive, held on August 27, 2022, at Vill. Podwala, Dehradun, was a commendable initiative aimed at fostering environmental consciousness and enhancing green cover in the region. This event was organized by several local institutions, including Tula's Institute, under the banner of contributing towards a greener Earth.

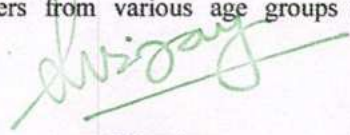
### Objective:

The primary objective of the event was to plant trees to combat environmental degradation and promote sustainability. The event also aimed to engage the local community and raise awareness about the importance of trees for a healthy ecosystem.

### Attendance:

The drive was well-attended by students, faculty members, environmental enthusiasts, and local residents, all united by a common goal of environmental preservation. Volunteers from various age groups actively participated, demonstrating a strong community spirit.

### Activities and Accomplishments:

  
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The event began at 10:00 AM and included several activities:

**Educational Talks:** Short speeches by environmental experts highlighted the critical role of trees in maintaining ecological balance.

**Planting Session:** Participants planted a variety of native tree species, suitable for the local climate and soil conditions.

**Interactive Sessions:** Workshops on sustainable practices and the importance of ongoing care for newly planted trees encouraged long-term engagement of the community.

**Highlights:**

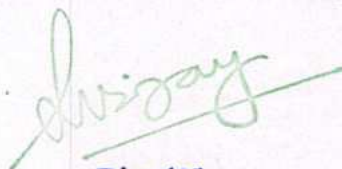
**Community Involvement:** The active participation of the local community was a major highlight, reflecting widespread support for environmental initiatives.

**Number of Trees Planted:** Over 500 trees were planted during the drive, significantly contributing to the local green infrastructure.

**Youth Engagement:** The involvement of younger participants, especially students, was particularly noteworthy, as it fostered a sense of responsibility towards the environment among the next generation.

**Conclusion:**

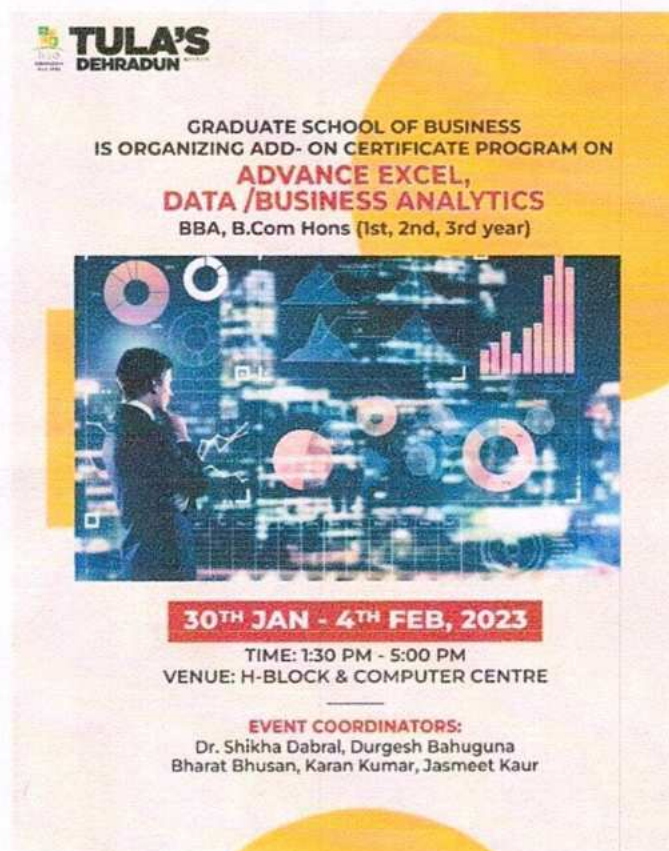
The Tree Plantation Drive was a successful event that not only resulted in the planting of numerous trees but also played a crucial role in educating and mobilizing the community towards environmental stewardship. The event was an excellent example of how collective efforts can make a significant difference in the fight against ecological challenges.



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## Event Report: Program on Advanced Excel, Data/Business Analytics



### Event Overview:

From January 30th to February 4th, 2023, the Graduate School of Business at Tula's Institute, Dehradun, hosted an enriching certificate program focused on Advanced Excel, Data, and Business Analytics. This program was specifically tailored for students of BBA and B.Com Honors across the first, second, and third years.

### Objective:

The main objective of the program was to enhance the analytical skills of students in the domains of business and data analysis using advanced Excel techniques. The curriculum was designed to equip participants with the necessary tools to interpret and analyze business data effectively, fostering better decision-making skills.

### Attendance:

The program was attended by a significant number of students from the targeted year groups, who showed keen interest in developing their analytical capabilities. The sessions were structured to accommodate both beginners and those with some prior experience, ensuring a broad and inclusive learning environment.

### Sessions and Learning Outcomes:

The sessions were conducted daily from 1:30 PM to 5:00 PM at the H-Block & Computer Centre. The program covered a wide range of topics, including:

**Advanced Excel Functions:** Participants learned about complex formulas, pivot tables, and data visualization tools.

  
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**Data Analysis Techniques:** The curriculum included practical training on statistical analysis, forecasting, and regression models.

**Business Analytics Applications:** Students explored how to apply Excel skills in real-world business scenarios, such as market analysis and financial forecasting.

**Highlights:**

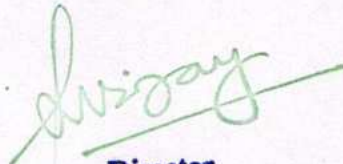
**Expert-Led Instruction:** The program was facilitated by Dr. Shikha Dabral and other noted faculty members, providing expert insights and personalized guidance.

**Hands-On Learning:** Each session included practical exercises that allowed participants to apply concepts in real-time, enhancing retention and understanding.

**Collaborative Projects:** Students worked on group projects, simulating real business problems, which fostered teamwork and practical application of analytical skills.

**Conclusion:**

The certificate program on Advanced Excel, Data, and Business Analytics was a resounding success, significantly contributing to the professional development of students at Tula's Institute. The practical skills acquired during the program are expected to enhance their academic performances and future career prospects in business-related fields.



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## Event Report: Awareness Talk on Female Hygiene



### Event Overview:

On December 22nd, Tula's Institute's Internal Complaint Committee (ICC) organized a critical and enlightening session on female hygiene. Held in the institute's conference hall, the event aimed to educate and empower women about the importance of health and hygiene practices.

### Objective:

The primary goal of this awareness talk was to provide valuable information on female hygiene, addressing common issues and misconceptions. It sought to enhance the knowledge and practices among women regarding personal hygiene, which is essential for their health and well-being.

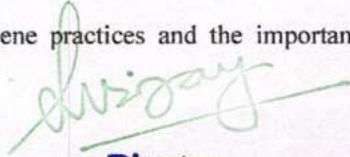
### Attendance:

The event was well-attended by women from various walks of life, including faculty, staff, and community members of the Tula's Institute. The participants ranged in age and backgrounds, providing a rich diversity to the perspectives and interactions during the session.

### Sessions and Learning Outcomes:

The talk was led by guest speaker Yutika Gupta, who is known for her expertise in women's health and hygiene. The session covered several important aspects:

**Educational Insights:** Yutika provided detailed information on best hygiene practices and the importance of maintaining hygiene for preventing health issues.

  
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**Interactive Q&A:** The session included a question-and-answer segment where participants could discuss personal concerns and receive advice from the expert.

**Resource Distribution:** Informational pamphlets and hygiene products were distributed to participants, giving them practical tools to implement better hygiene practices.

**Highlights:**

**Expert Guidance:** Yutika Gupta's presentation was insightful and tailored to address the needs and questions of the audience.

**Community Engagement:** The high level of engagement from the attendees indicated a strong community interest in the topic.

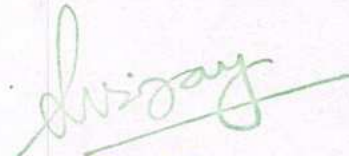
**Supportive Environment:** The event fostered a supportive atmosphere where participants felt comfortable discussing sensitive topics related to female health.

**Feedback:**

Feedback from the attendees was extremely positive. Many expressed appreciation for the practical advice and the open discussion format, which helped demystify many aspects of female hygiene. Participants left the session feeling more informed and empowered to take charge of their health.

**Conclusion:**

The Awareness Talk on Female Hygiene was a significant success, achieving its goal of educating women on crucial health issues. The event highlighted the importance of community health initiatives and the positive impact of open discussions on topics that are often considered taboo.

  
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## Event Report: Guest Lecture on Wealth Management at Tula's Institute



GRADUATE SCHOOL OF BUSINESS IS ORGANIZING  
GUEST LECTURE CUM TRAINING PROGRAM ON

# WEALTH MANAGEMENT



**SPEAKERS**

**PROF. PRABHAT VARMA**  
Faculty Finance, Sharda University,  
Ex. Chief General Manager (Investment),  
SIFCL, Sahara Group

**DR. DEEPAK BANSAL**  
Associate Professor,  
Sharda School of Business Studies,  
Sharda University, Greater Noida.

TIME: 10:00 AM ONWARDS  
VENUE: AUDITORIUM, TULA'S INSTITUTE  
**6TH JAN, 2023**

Coordinators: Dr. Lalit Goyal, Ms. Laxmi Negi, Ms. Jasmeet Kaur

### Overview

On January 6th, 2023, the Graduate School of Business at Tula's Institute organized a guest lecture cum training program on Wealth Management. The event, held at the institute's auditorium, began at 10:00 AM and featured prominent speakers from the academic and finance sectors.

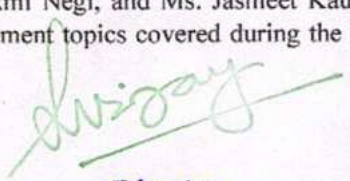
### Speakers

Prof. Prabhat Varma - A faculty member in Finance at Sharda University, Prof. Varma is notable for his experience as the former Chief General Manager (Investment) at SIFCL, Sahara Group. His extensive background in investment strategies and finance management made him a key speaker for the event.

Dr. Deepak Bansal - Serving as an Associate Professor at the Sharda School of Business Studies, Sharda University, Greater Noida, Dr. Bansal brought to the table his insights on contemporary wealth management techniques and the integration of technology in finance.

### Event Details

The program was meticulously coordinated by Dr. Lalit Goyal, Ms. Laxmi Negi, and Ms. Jasmeet Kaur, who ensured a seamless flow of sessions and interactions. The wealth management topics covered during the lecture

  
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included modern investment strategies, risk management, and the future of wealth management in the context of global economic trends.

### **Audience Engagement**

The lecture was well-received by an audience comprising students, faculty, and some external visitors interested in finance and wealth management. The speakers engaged with the audience through Q&A sessions, providing deeper insights into practical wealth management and the challenges faced in the current economic scenario.

### **Key Takeaways**

Prof. Varma emphasized the importance of understanding market dynamics and diversification of investments to mitigate risks.

Dr. Bansal focused on the use of digital tools and analytics in managing wealth more effectively, highlighting the role of technology in modern finance.

### **Conclusion**

The wealth management guest lecture at Tula's Institute was a significant educational event that provided attendees with valuable insights into the complexities of managing investments in today's volatile market environment. It also underscored the importance of continual learning and adaptation in the field of finance. The event not only enriched the knowledge base of students and professionals alike but also fostered a deeper understanding of the practical aspects of wealth management.

  
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## Event Report: 3-Day Workshop on Effective Curriculum Delivery at Tula's Institute



### Overview

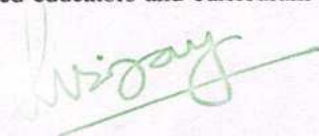
From August 8th to 10th, 2022, the Research and Development Cell at Tula's Institute organized a three-day workshop titled "Effective Curriculum Delivery." The event was held at the Conference Hall of Tula's Institute, Dehradun, and focused on enhancing the pedagogical skills of educators in delivering complex curriculum effectively to students.

### Objectives

The primary objective of the workshop was to equip faculty members and educational planners with innovative tools and techniques for curriculum delivery. The event aimed to improve teaching methodologies, engage students more effectively, and incorporate modern technological aids into daily teaching practices.

### Activities and Sessions

The workshop featured a series of interactive sessions led by experienced educators and curriculum developers. Key activities included:

  
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**Hands-on Training Sessions:** Participants engaged in practical sessions where they learned to use digital tools for creating interactive and engaging classroom environments.

**Discussion Panels:** These panels provided a platform for sharing challenges and best practices in curriculum delivery among experienced educators.

**Case Study Evaluations:** Small group discussions on case studies that showcased successful curriculum delivery strategies in various educational institutions.

### **Key Speakers and Contributions**

Notable speakers included curriculum development experts from leading educational bodies who shared insights into designing curriculum that meets both educational standards and the needs of diverse student populations. Speakers also emphasized the importance of adapting to digital trends to enhance educational delivery.

### **Participant Feedback**

Participants appreciated the hands-on approach of the workshop, noting that it provided valuable insights into effective teaching strategies and the integration of technology in education. Feedback highlighted the usefulness of the case studies and interactive sessions in providing real-world examples and practical solutions to common teaching challenges.

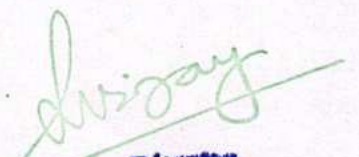
### **Outcomes and Impact**

The workshop successfully: Enhanced the skills of educators in implementing effective curriculum strategies.

Fostered collaboration and knowledge sharing among educators from various disciplines. Highlighted the critical role of technology in modern education systems.

### **Conclusion**

The "Effective Curriculum Delivery" workshop at Tula's Institute marked a significant step towards advancing educational practices within the institution. It not only empowered educators with new skills and knowledge but also sparked an ongoing dialogue on continuous improvement in educational delivery methods. The Research and Development Cell's initiative was well-received, with many participants expressing a keen interest in attending similar future events to stay updated with evolving educational trends.

  
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## Event Report: 5-Day Hands-On Course on Deep Neural Networks at Tula's Institute



### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING IS ORGANIZING 5 DAYS HANDS-ON SHORT-TERM COURSE ON **DEEP NEURAL NETWORKS**



**Dr. Satish Kumar Singh**  
Associate Professor  
(IEEE UP Section Chair)  
IIIT Allahabad



**Dr. Nayaneesh Mishra**  
N Code Sutram for Artificial  
Intelligence Pvt. Ltd.



**Mr. Nand Kumar Yadav**  
IIIT Allahabad

**29<sup>th</sup> AUG - 2<sup>nd</sup> SEPT, 2022 | 09:30 AM - 04:30 PM**

**Conference Hall, Tula's Institute**

**EVENT COORDINATOR**

**Mr. Sanjay Tyagi - 6395 809 049**

#### Overview

From August 29th to September 2nd, 2022, the Department of Computer Science & Engineering at Tula's Institute conducted a comprehensive five-day hands-on short-term course on Deep Neural Networks. The course was held at the Conference Hall of Tula's Institute, engaging participants in both theoretical lectures and practical sessions.

#### Objectives

The workshop aimed to provide participants with a robust understanding of deep learning concepts, focusing on the architecture and application of deep neural networks in various fields such as image recognition, natural language processing, and predictive analytics.

#### Sessions and Activities

The course was structured to balance between instructive lectures and hands-on practical sessions, allowing participants to apply concepts in real-time. Key components included:

  
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**Introduction to Deep Learning:** Basics of neural networks, including their architecture and how they mimic the human brain.

**Building Deep Neural Networks:** Hands-on sessions on designing and training deep neural networks using popular frameworks like TensorFlow and Keras.

**Applications of Deep Neural Networks:** Exploration of real-world applications, particularly in the domains of autonomous driving, healthcare, and finance.

**Challenges and Future of Deep Learning:** Discussions on the challenges faced in deep learning projects, including data quality, model tuning, and ethical considerations.

### **Speakers**

Dr. Satish Kumar Singh - Associate Professor at IIIT Allahabad and Chair of the IEEE UP Section, provided an expert overview of the latest trends in deep learning research.

Dr. Nayaneesh Mishra - From N Code Sutram for Artificial Intelligence Pvt. Ltd., focused on practical applications and the business implications of deep neural networks.

Mr. Nand Kumar Yadav - Shared insights from his experiences at IIIT Allahabad, particularly on the technical challenges in implementing deep learning models.

### **Participant Feedback**

Participants, ranging from students and academics to industry professionals, found the workshop enriching and highly educational. They particularly valued the practical sessions where they could apply theoretical knowledge, enabling a deeper understanding of complex neural network structures. The interactivity and the expertise of the speakers were also highly praised.

### **Outcomes and Impact**

The workshop succeeded in: Enhancing knowledge on the fundamentals and advanced techniques of deep neural networks. Equipping participants with the skills to implement and troubleshoot deep learning models. Fostering an environment of learning and collaboration among participants from diverse backgrounds.

### **Conclusion**

The 5-day course on Deep Neural Networks at Tula's Institute was a significant event that contributed to the advancement of knowledge in the field of artificial intelligence and deep learning among participants. Organized effectively with a mix of high-quality lectures and hands-on experience, the course set a benchmark for future educational programs in emerging technologies at the institute. Event coordinator Mr. Sanjay Tyagi was instrumental in ensuring the smooth execution of the workshop, which was well-received by all attendees.

  
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