

# DEPARTMENT OF INFORMATION TECHNOLOGY

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*The Information Technology Department is dedicated to empowering students from diverse backgrounds, bridging the gap between urban and rural education through inclusive and innovative learning opportunities. The department's approach to education extends beyond the classroom. It cultivates a culture of creativity, critical thinking, and problem-solving, encouraging students to think innovatively and independently. The department also emphasizes personal and professional development, offering a plethora of enriching activities such as technical workshops, hackathons, leadership initiatives, and career development programs. Alongside technical proficiency, the faculty prioritizes essential soft skills, teamwork, and ethical principles to nurture socially responsible and well-rounded individuals. The Information Technology Department stands as a beacon of excellence, committed to producing future-ready professionals equipped to meet global challenges, contribute meaningfully to society, and emerge as leaders in the field of technology and beyond.*

Dr. K. S. Mann

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**NATIONAL BOARD OF  
ACCREDITATION**

**IT department got the NBA Accrediation till June, 2025.**

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**DR.AKSHAY GIRDHAR**

- **Appreciation Certificate form Deputy Commissioner, Ludhiana, 09<sup>th</sup> August 2024**

**DR.KULWINDER SINGH MANN**

- **MS.BHUPINDER KAUR SRAO Completed PhD ON 29 OCT,2024  
Topic: EXPLOITING BIM'S POTENTIAL FOR PROJECT APPROVAL**
- **Patent Awarded: Smart Helmet, Design No:382600-001**

**DR.KULWINDER SINGH MANN, DR. AMIT KAMRA & DR. PANKAJ BHAMBRI**

- **2 Lac Rs Grant for AICTE VANNI, 08 AUG to 10 AUG 2024.**
- **3.5 Lac Grant for ATAL FDP, 16 DEC to 21 DEC 2024.**
- **1 Lacs grant for ATAL FDP 30 Dec 2024 to 4 Jan 2025.**

**DR.SANDEEP KUMAR SINGLA**

- **RANDEEP KAUR Completed PhD.  
Topic: AN AUTOMATIC MODEL FOR THE DETECTION OF COMMON DISEASES IN MULTIPLE VEGETABLES**

**DR. AMIT KAMRA:**

- **ISTE Best Teacher Award, 25 OCT 2024.**

**Expert talk on topics :**

- **Stress Management organised at SBCE Keraala on 21 Nov 2024**
- **Optimization using Orange(Event: Application of AI in electronics ) organised by NITTTR chd on 6 Dec 2024.**
- **Digital Forensics (Event: Competitive Coding and Distruptive Tech.) organised by CU chd on 9 Dec 2024**
- **Visualization using Orange (Event: GANS and Deep Learning) organised by CU chd on 12 Dec 2024.**

**DR. JAGDEEP SINGH**

- **Appreciation Certificate form Deputy Commissioner, Ludhiana, 09<sup>th</sup> August 2024**

**DR. SACHIN BAGGA**

- **Successfully completed PhD from CT University  
Title: Novel approach for detection localization and mitigation of malicious node in network on chip based system on chip**

**PF. MOHANJIT KAUR**

- **Felicitatation for Outstanding Guidance in DCCN Projects.**

**PF. HIMANI SHARMA**

- **Felicitatation for Outstanding Guidance in IoT Projects.**





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**ATTENDED**

<b>FACULTY NAME</b>	<b>FDP TITLE</b>	<b>FDP DURATION</b>	<b>ORGANISED BY</b>
<b>DR.AKSHAY GIRDHAR</b>	<b>Orientation Workshop on Outcome Based Education and Accreditation for the Team Chairs and Program Evaluators</b>	<b>10<sup>TH</sup> OCT 2024</b>	<b>NBA,NEW DELHI</b>
<b>DR.SANDEEP KUMAR SINGLA</b>	<b>FDP ON "Deep Learning for Engineering Applications"</b>	<b>2<sup>nd</sup> to 6<sup>th</sup> Sept 2024</b>	<b>NITTTR CHANDIGARH</b>
	<b>FDP ON "Generative AI Unveiled: Concepts, Models, and Real-world Applications"</b>	<b>02<sup>ND</sup> TO 07<sup>TH</sup> Dec 2024</b>	<b>AICTE Training And Learning (ATAL) Academy at ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT</b>
<b>DR.AMIT KAMRA</b>	<b>Emerging Trends in Information System Security using AI &amp; Data Science for Next-Generation Cyber Analytics”</b>	<b>30th Dec ,2024 to 04 th Jan 2025.</b>	<b>AICTE Training And Learning (ATAL) Academy</b>
	<b>3 days Program on Role of IT in Millets Production AICTE Vanni</b>	<b>8th to 10 thAugust 2024</b>	<b>AICTE VANNI</b>
<b>DR. PANKAJ BHAMBRI</b>	<b>Hands on Github and Docker on Linux</b>	<b>15th to 17th July 2024</b>	<b>GNDEC</b>
	<b>Advanced Analytics for Next-Generation Industrial Processes</b>	<b>23rd to 28th December 2024</b>	<b>Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior</b>

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**ATTENDED**

<b>FACULTY NAME</b>	<b>FDP TITLE</b>	<b>FDP DURATION</b>	<b>ORGANISED BY</b>
DR. KAMALJIT KAUR	Recent Research Trends in Computer Science and Information Technology	23 to 27 Sept 2024	Sharda University
	Emerging Trends in Information System Security using AI & Data Science for Next-Generation Cyber Analytics”	30 DEC 2024 to 04 JAN 2025	AICTE Training And Learning (ATAL) Academy
PF. PARMINDER KAUR WADHWA	Incorporating sustainable development goals in Bringing out Industry Ready Professionals	14 to 19 DEC 2024	AICTE Training And Learning (ATAL) Academy
PF. RANJODH KAUR	Deep Learning Application	16to 27 SEPT 2024	IIT Roorkee
	Building Web Development Solutions with Cloud Computing	17 to 21 SEPT 2024	Next Gen Employability Program, Edunet Foundation
	Faculty Enablement Program(FEP) on Python Programming	9 <sup>th</sup> to 13 <sup>th</sup> DEC 2024	Infosys Springboard
DR.SIDHARATH JAIN	DevOps FEP	15 <sup>TH</sup> to 19 <sup>th</sup> July 2024	Infosys Springboard

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**ATTENDED**

<b>FACULTY NAME</b>	<b>FDP TITLE</b>	<b>FDP DURATION</b>	<b>ORGANISED BY</b>
Dr. SACHIN BAGGA	Micropython Primer	22 <sup>nd</sup> to 26 <sup>th</sup> May 2024	National Institute of Electronics and Information Technology
HARJOT KAUR GILL	Advanced Informative and Emerging Trends in Teaching and Research (Innovative Teaching and Learning Pedagogy)	24 <sup>th</sup> -30 <sup>th</sup> august 2024	Institute of Marketing and Management, Delhi School Of Business Administration, Bhagwan Parshuram Institute Of Technology, Research Foundation of India & RFI-CARE
	Applied AI: Practical Implementations	18 <sup>th</sup> to 22 <sup>nd</sup> NOV 2024	TechSaksham Program
Dr. JAGDEEP SINGH	Deep Learning Application	16th to 27th SEPT, 2024	IIT Roorkee
PF. JASKIRAN KAUR	Hands on Github and Docker on Linux	15th – 17th July 2024	GNDEC
	Workshop on Professional Visualization of flowcharts using MS Visio	23rd - 24th July 2024	Chitkara University
	Emerging Trends in Information System Security using AI & Data Science for Next-Generation Cyber Analytics”	30th DEC 2024 to 4th Jan 2025.	AICTE Training And Learning (ATAL) Academy



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**ATTENDED**

<b>FACULTY NAME</b>	<b>FDP TITLE</b>	<b>FDP DURATION</b>	<b>ORGANISED BY</b>
<b>PF.GAGNEET KAUR</b>	<b>Deep learning and IOT driven smart applications</b>	<b>24<sup>th</sup> to 29<sup>th</sup> June 2024</b>	<b>MLRIT</b>
	<b>Publishing in high impact journals: Strategies for effective writing and leveraging AI in research</b>	<b>22<sup>nd</sup> to 26 July 2024</b>	<b>research cell of BCIPS</b>
<b>PF. GITANJALI</b>	<b>Publishing in High-Impact Journals : Strategies for Effective Writing and Leveraging AI in Research</b>	<b>16<sup>th</sup> to 21<sup>st</sup> Dec 2024</b>	<b>AICTE Training And Learning (ATAL) Academy at GNDEC, LUDHIANA</b>
	<b>FDP on "Future Proofing Indias semiconductor Industry:Building Skilled Workforce"</b>	<b>30th Dec 24 to 4th Jan 25.</b>	<b>AICTE Training And Learning (ATAL) Academy</b>
	<b>Emerging Trends in Information System Security using AI &amp; Data Science for Next-Generation Cyber Analytics”</b>	<b>24<sup>th</sup> to 29<sup>th</sup> June 2024</b>	<b>MLRIT</b>
<b>PF.HIMANI</b>	<b>Machine Learning &amp; Hands on NLP</b>	<b>24<sup>th</sup> to 28<sup>th</sup> july 2024</b>	<b>Infosis Springboard</b>
	<b>Hands on Github and Docker on Linux</b>	<b>15<sup>th</sup> to 17<sup>th</sup> July 2024</b>	<b>GNDEC</b>



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FACULTY NAME	FDP TITLE	FDP DURATION	ORGANISED BY
PF.HIMANI	Recent Research Trends in Computer Science and Information Technology	23 <sup>Rrd</sup> to 27 Sept 2024	Sharda University,
	3 days Program on Role of IT in Millets Production AICTE Vanni	8 <sup>th</sup> to 10 <sup>th</sup> Aug 2024	AICTE VANNI
PF.REEMA VERMA	Machine Learning & Hands on NLP	24 <sup>th</sup> to 28 <sup>th</sup> June 2024	Infosis Springboard
	Hands on Github and Docker on Linux	15 <sup>th</sup> to 17 <sup>th</sup> July 2024	GNDEC
	Recent Research Trends in Computer Science and Information Technology	23 <sup>rd</sup> to 27 Sept 2024	Sharda University,
	Future Proofing India's semiconductor Industry: Building Skilled Workforce	16 <sup>th</sup> to 21 <sup>st</sup> Dec 2024	AICTE Training And Learning (ATAL) Academy at GNDEC, Ludhiana
DR. RANDEEP KAUR	FDP on "Future Proofing India's semiconductor Industry: Building Skilled Workforce"	16 Dec to 21 Dec 2024	AICTE Training And Learning (ATAL) Academy at GNDEC, Ludhiana

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ATTENDED

FACULTY NAME	FDP TITLE	FDP DURATION	ORGANISED BY
DR. RANDEEP KAUR	FDP on "Recent Research Trends in Computer Science and Information Technology"	23 Sept to 27 Sept 2024	Sharda University,
	FDP on "Generative AI"	18 Nov. to 22 Nov.,2024	Infosys Springboard



ITian Club is a departmental club of Department of Information Technology, GNDEC. It works under the guidance of Prof. Harminder Kaur (Assistant Professor, IT). The club is responsible for conducting Technical events, promoting the new technology and helping students learn teamwork.

### EVENT 1: ORIENTATION PROGRAM

The orientation program was organised on 16 July 2024. In this 1<sup>st</sup> year students were welcomed and given detailed information of the department and guidance for their studies & career.



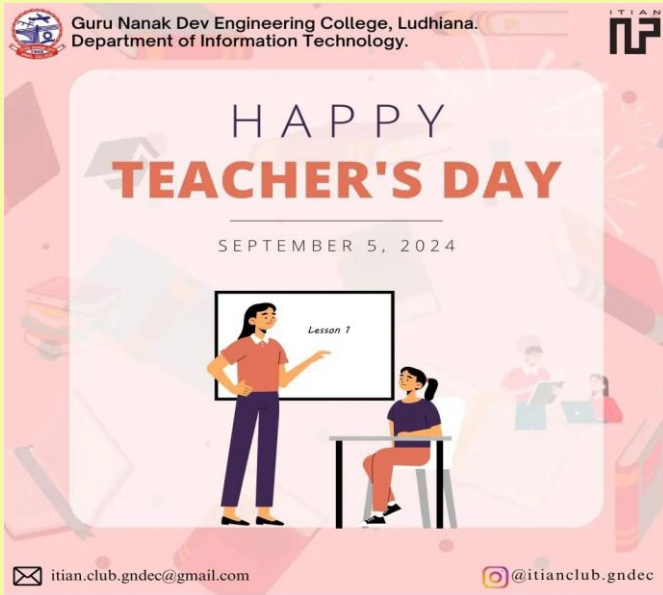
### EVENT 2: CAMPUS HERO WEBINAR

The Campus Hero Webinar was an online seminar organised in collaboration with CodingNinjas and ITian Club on 20 June 2024.





### EVENT 3: TEACHER'S DAY



The Teacher's Day event was organised on 5 September 2024. ITian club celebrated Teacher's Day by engaging the teachers of the IT department in various fun activities. The event was followed by cutting of cake.



### EVENT 4: FRESHMAN INDUCTION



The Freshmen Induction was organised in collaboration with Coding Ninjas & ITian Club on 7 September 2024. The mode of the event was online, and the event was to introduce 1<sup>st</sup> year students about various technologies that are used.

## EVENT 5: GIT SYNC

Guru Nanak Dev Engineering College, Ludhiana.  
Department of Information Technology.

# GIT SYNC

Simplifying Version Control with GitHub

**Scan Me!**

**SIMARJOT SINGH**  
Technical Mentor and Web Developer at Ryaz.io

Thursday  
12 September, 2024

Time  
11:30 AM ONWARDS

PL1 Lab (1st Floor, MBA Block)

95814 -11112 | @itianclub.gndec | itian.club.gndec@gmail.com

The event was organised on 12 September 2024. In this event, students were provided with the hands-on experience of how to use Git & GitHub. Students were taught on how to use GitHub for tracking and maintaining the Version Control of the product or an application.



## EVENT 6: CODEKAZE

ITIAN x C

**CODEKAZE**  
GET HIRED, FASTER.

POWERED BY naukri

India's largest tech hiring challenge

Jeevansathi codingninjas 99acres

+ 10 more hiring partners.

PRIZE POOL  
**₹5,00,000**

REGISTER BEFORE 18TH SEPT

This event was organised on 18 September 2024. The event was organised in collaboration with Coding Ninjas. It had a prize pool of ₹ 5,00,000. It was organised to increase the coding culture within the students.



## EVENT 7: TECHNO-QUIZ AND TRICKS



The event was organised on 25 October 2024 during the APEX Fair organised by the Causmic Club. In the event, the students of GNDEC and various schools were allowed to participate. In it, the students were asked some technical questions, if the answer were correct then the student was given a prize.



## EVENT 8: NINJA SLAYGROUND 2.0



The event was organized on 18 November 2024 in collaboration with Coding Ninjas. It was a 21-day coding challenge which was to promote the coding culture in the students. It was an open event, i.e., any student of any department was allowed to participate.

PLACEMENTS

(2024)

<b>SR. NO.</b>	<b>NAME OF STUDENT</b>	<b>COMPANY</b>
1	Aman Kumar	Deepak Fasteners
	Ravi Ranjan Kumar	Deepak Fasteners
2	Harmanpreet Kaur	Ralson (India) Limited
3	Kumar Abhinav	Iotasol Technologies Pvt. Ltd.
4	Divyansh Bhateja	WITS INNOVATION LAB
5	Prabhkirat Singh	WITS INNOVATION LAB
6	Harleen Kaur	SafeAeon Inc.
7	Sehajbir Singh	SafeAeon Inc.
8	Sakshi Pundir	SafeAeon Inc.
9	Gaganpreet Singh	SafeAeon Inc.
10	Lovish Malhotra	JMAN Group
11	Monika	JMAN Group
12	Ananya Mahajan	KPMG
13	Prerna Sharma	KPMG
14	Himanshu Mahajan	Stylumia Intelligence Technology Pvt. Ltd.
15	Chandan Kumar	Argusoft
16	Hemant Sahdev	Airnet Travels and Cargo Pvt. Ltd.
17	Ravleen Kaur	Airnet Travels and Cargo Pvt. Ltd.
18	Shubham Choudhary	Airnet Travels and Cargo Pvt. Ltd.
19	Harjobandeep Singh	Airnet Travels and Cargo Pvt. Ltd.
20	Harjobandeep Singh	Airnet Travels and Cargo Pvt. Ltd.
21	Kumar Abhinav	Hoping Minds
22	Gaurav Bhandari	MWIDM
23	Prabhjot Singh	MWIDM
24	Armaan singh	MWIDM
25	Preet Singh Sahota	MWIDM
26	Amandeep Singh	MWIDM
27	Neeraj Kumar	MWIDM
28	Sejal Madaan	PIRAMAL GROUP





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(2025)

<b>SR. NO.</b>	<b>NAME OF STUDENT</b>	<b>COMPANY</b>
<b>27</b>	<b>Aashish Bindha</b>	<b>Wits Innovation Lab</b>
<b>28</b>	<b>Shubham Kumar</b>	<b>Wits Innovation Lab</b>
<b>29</b>	<b>Ayush Singh</b>	<b>Wits Innovation Lab</b>
<b>30</b>	<b>Ayush Singh</b>	<b>Wits Innovation Lab</b>