

DEPARTMENT OF COMPUTER APPLICATION

SKC GOVT. DEGREE COLLEGE POONCH

DEPARTMENT PROFILE





**VISIT OF WORTHY DIRECTOR COLLEGES, JKHED**

# BRIEF INTRODUCTION

The Department of Computer Applications was established in the year 2006. The subject of Computer Applications was introduced in 2022 by the affiliating university as one of the core subjects in various course combinations of Arts & Science streams. The Department has a well-equipped laboratory for practical work. The faculty comprises of dedicated professionals holding experience and expertise. The Department has necessary infrastructure to teach the course and ideal ambiance for teaching-learning process.



# Our Vision

TO EMPOWER STUDENTS WITH STRONG FOUNDATIONAL KNOWLEDGE AND PRACTICAL SKILLS IN COMPUTER APPLICATIONS, FOSTERING INNOVATION, ETHICAL RESPONSIBILITY, AND A LIFELONG PASSION FOR LEARNING, IN ORDER TO MEET GLOBAL TECHNOLOGICAL CHALLENGES AND CONTRIBUTE MEANINGFULLY TO THE DIGITAL WORLD.



# Our Mission

To make the learners employable and ready to meet the challenges of ever-changing and competitive IT environment.

To provide quality education in both theoretical and applied foundations of Computer Science.

**FOSTER A CULTURE OF LEARNING AND EXCELLENCE**

TO FOSTER INNOVATION, RESEARCH, AND ENTREPRENEURSHIP AMONG STUDENTS AND FACULTY THROUGH ACADEMIC AND INDUSTRY COLLABORATIONS.

TO CULTIVATE ETHICAL VALUES, SOCIAL RESPONSIBILITY, AND PROFESSIONALISM IN STUDENTS FOR THEIR HOLISTIC DEVELOPMENT AND RESPONSIBLE CONTRIBUTION TO SOCIETY.



# Infrastructure

## HIGH-PERFORMANCE COMPUTERS

- Latest generation desktops/laptops with multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)
- Minimum 8–16 GB RAM and SSD storage for faster processing
- Pre-installed with necessary operating systems (Windows/Linux)

## Software Tools

- Programming languages: Python, Java, C/C++, R
- Development environments: Visual Studio, Eclipse, NetBeans
- Web development: HTML, CSS, JavaScript, PHP, React
- Design tools: Adobe Suite, Canva, Figma (as required)

## Networking and Internet Access

- High-speed broadband internet connectivity
- LAN network with secured switches and routers
- Wi-Fi access points for students and faculty

## Smart Classrooms & Labs

- Smart IFPD for presentations.
- Server with LAN Connectivity
- Projectors and Podiums
- Power Backup and Printers
- Air Conditioners
- All in One Desktops



# Computer and IT Facilities



# Furniture Fixture



# MACHINERY /LABORATORY EQUIPMENTS





# Achievements

Academic Excellence

Research and Publications

Technical Events and Internships

Certifications and Skill Development

Social and Outreach Activities

Innovative Projects and Startups

Industry Linkages and Collaborations



# DEPARTMENTAL ACHIEVEMENTS

- Established Cyber Security Lab with IFPD and full Internet Connectivity.
- Submitted proposal for establishment of Upgraded Computer research lab in the College.
- Organized various Activities under Institution Innovation Council(IIC).
- Organized awareness programmes on Cyber Crimes and Cashless Economy.
- Increased students enrollment in Major and Minor Courses.
- Achieved 100 Percent Computer Literacy by teaching Digital Technology to all the students of the College.
- Conducted remedial classes for slow learners and coding sessions for advanced learners.
- Make maximum PC's functional in Computer/Browsing Lab by installing CMOS and SSD's.
- Organized mega awareness drive for registering students on Digilocker and SIGMA portal.

# DEPARTMENTAL ACTIVITIES

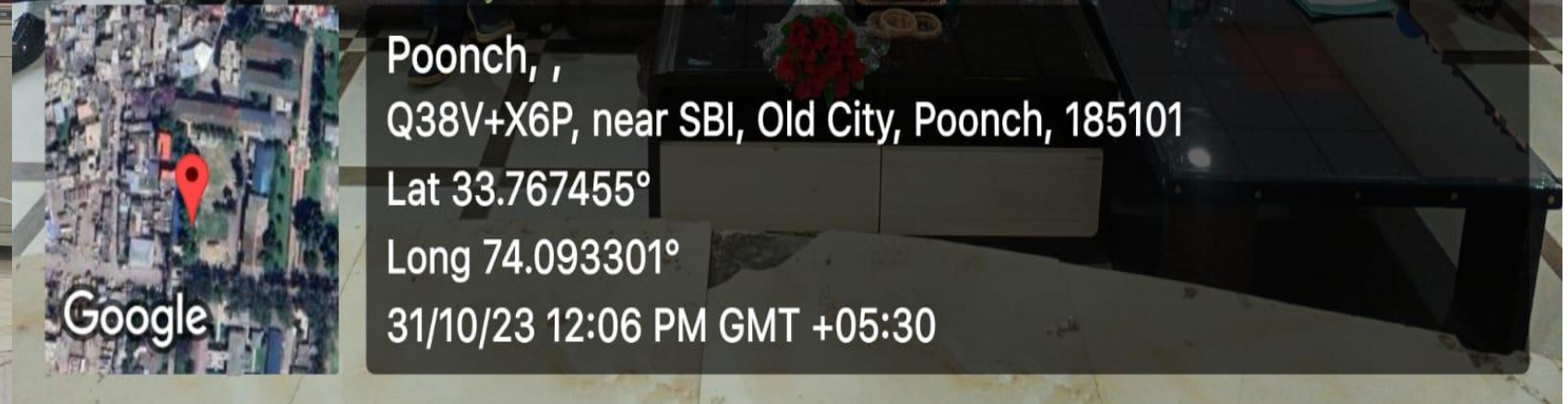
## 1. Students presenting Innovative Ideas



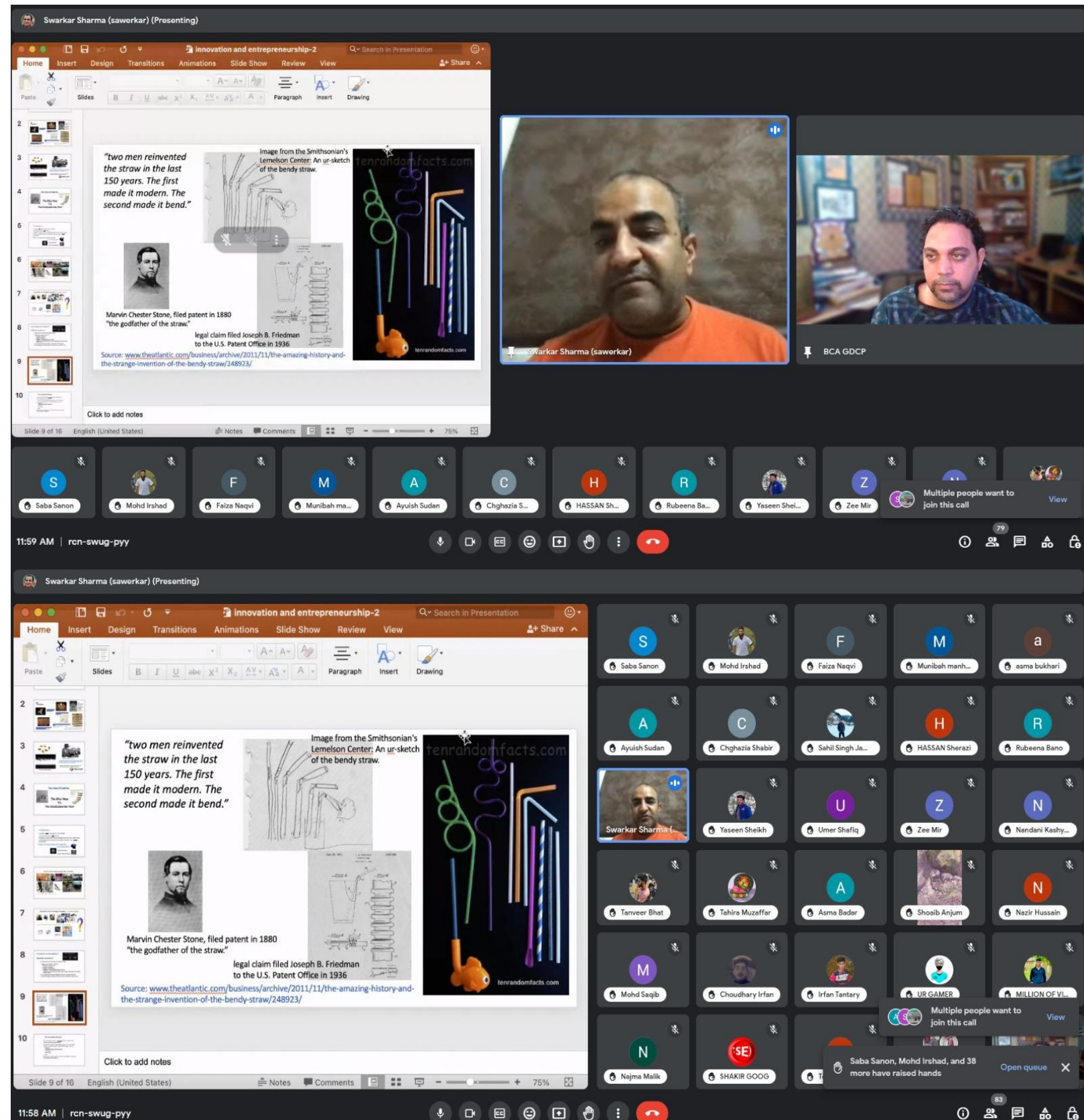
## 2. National Energy Conservation Day 2022



### 3. Workshop on Cyber Security and Cyber Crimes



# 4. Institution Innovation Day





**INSTITUTION INNOVATION COUNCIL  
SKC GDC POONCH IN COLLABORATION  
WITH  
DEPARTMENT OF COMPUTER APPLICATIONS  
ORGANIZES NATIONAL WEBINAR  
ON  
"HOW TO PLAN START-UP, LEGAL & ETHICAL STEPS"  
TO CELEBRATE  
"INSTITUTION INNOVATION DAY"  
ON  
OCTOBER, 15TH, 2023  
AT 11:30 AM SUNDAY**



**Patron**  
**Dr. Jasbir Singh**  
Principal  
SKC GDC Poonch



**Convener**  
**Dr. Riaz Ahmed**  
HOD  
CA SKC GDC Poonch





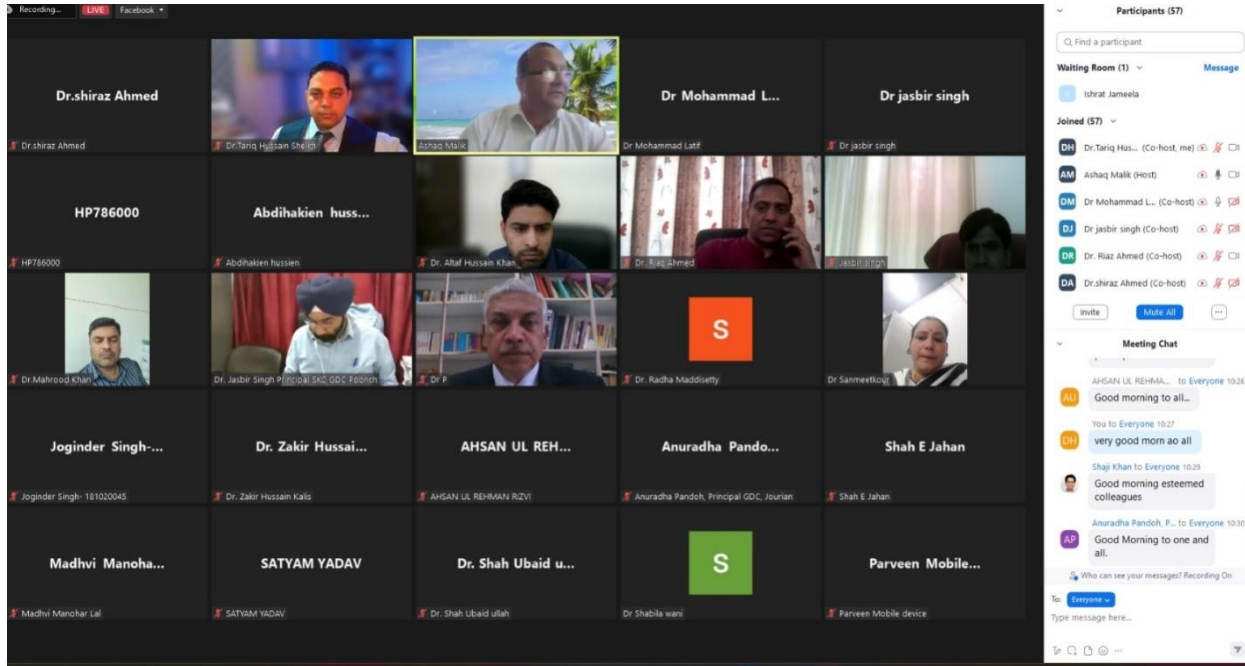
**Resource Person**  
**Dr. Swarkar Sharma**  
Coordinator  
Startup Incubation and Technology  
Enablement Center, Central  
University of Jammu (CUJ-SITEC)



**Organizer**  
**Dr. Tariq H. Sheikh**  
Start-up Expert IIC & Faculty  
Department of Computer Applications  
SKC GDC Poonch

**platform: Googlemeet**  
<https://meet.google.com/rcn-swug-pyy>

# 5. Two-Day International e-Conference on "Artificial Intelligence And Sustainable Development



## SKC Govt. Degree College Poonch organizes Two-Day International e-Conference on Artificial Intelligence

SREE TIMES NEWS  
NAHIDA QURASHI  
POONCH, JUN 5

Department of Computer Sciences and Institution's Innovation Council (IIC) of Shri Krishan Chander Govt. Degree College Poonch in Collaboration with Attitude Change International, Darhal Malkan and Sheikh's Computers Association Technology Poonch organized Two-Day International e-Conference on "Artificial Intelligence and Sustainable Development" on June 3-4, 2023.

The conference spread in 11 sessions - three plenary sessions besides the Inaugural and Valedictory sessions, attracted about 150 delegates including the think tanks, IT experts, teachers, scientists and students from across the globe.

The conference was inaugurated by the Chief Guest Prof. Puniamurthy Krishna Swamy, Deputy Vice Chancellor, Genovias University, Kuala Lumpur, Malaysia along with Principal of the College Prof.(Dr.) Jasbir Singh, Dr. Riaz Ahmed, convener, Dr. Asif Ekbal, Associate Professor, Department of Computer Science & Engineering, Indian Institute of Technology Patna, Bihar,

patron of the conference Prof.(Dr.) Jasbir Singh welcomed the guests and elaborated the theme of the conference in a lucid manner for the understanding of the participants. He said that the original aim behind the conference was to provide a platform to scholars, teachers, students, other educationists, to discuss the issues related to Artificial Intelligence and Sustainable Development. He also briefed about the artificial intelligence and sustainable development. Prof. Puniamurthy virtually released the abstract book along with other dignitaries. The chief guest in his address said that organizing such type of conferences is the need of the hour. He further added that Artificial Intelligence could be used for the sustainable development of the world. He congratulated the Principal and organizing team for organizing such a mega event on an important topic. Dr. Ashaq Malik was moderator whereas Dr. Riaz Ahmed presented the vote of thanks in the inaugural session.

On the day one of conference, two plenary and two technical sessions held. In the first Plenary session, Dr. Riaz Ahmed, convener, Dr. Asif Ekbal, Associate Professor, Department of Computer Science & Engineering, Indian Institute of Technology Patna, Bihar,

India; Dr. Stephen Little, Professor Extraordinaire, SARCHI innovation group, Tshwane University of Technology, South Africa; Mr. OP Sharma Vidyarthi, IFS Former Director, Ecology, Environment and Remote sensing, J&K Govt, India; Dr. Christian Bartolf, President, Gandhi Information Centre, Berlin, Germany and Sonam Lotus, Director (Scientist-E), India Meteorological Department, J&K & Ladakh, Ministry of Earth Sciences, Govt of India delivered plenary lectures. Prof. Mammo Muchie, Consultant on UNESCO's Higher Education, Research and Knowledge Forum, Research Professor, Tshwane University of Technology, South Africa was the chairperson whereas Asst. Prof. Shehzad Bandey was the Rapporteur of this session.

In the second Plenary session, Prof. Mammo Muchie, Dr. Harish K. Tyagi, Prof & Head, AIBAS, Amity University, Noida, India; Dr. Sachin Gupta, Professor, Division of Plant Pathology, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu University of Jammu (SKUAST-J), Jammu, J&K, India; Dr. Muneer Karama, Associate Professor, Department of Applied Mathematics, Palestine Polytechnic University, Hebron, Palestine. Dr. Tariq Hussain Sheikh, Dr. Jameel Ahmed, HoD Sociology, Dr. Yougesh Kumar, Mr. Mukesh Kumar and Mr. Atal Bharti of SKC GDC Poonch, J&K, India were the Rapporteurs of these technical sessions.

Dr. Stephen Little, Professor Extraordinaire, SARCHI innovation group, Tshwane University of Technology, South Africa; Mr. OP Sharma Vidyarthi, IFS Former Director, Ecology, Environment and Remote sensing, J&K Govt, India; Dr. Christian Bartolf, President, Gandhi Information Centre, Berlin, Germany and Sonam Lotus, Director (Scientist-E), India Meteorological Department, J&K & Ladakh, Ministry of Earth Sciences, Govt of India delivered plenary lectures. The first technical session was chaired by Dr. Harish K. Tyagi and Dr. Tabbasam Naz, Department of Zoology, SKC GDC Poonch, J&K, India was the Rapporteur of the Session. Dr. Stephen Little, Professor Extraordinaire, SARCHI innovation group, Tshwane University of Technology, South Africa was the chairperson and Asst. Prof. Nusrat Koser, HOD Political Science, SKC GDC Poonch, J&K, India was the Rapporteur of the 2nd Technical Session.

On the day two of conference, one day two plenary session followed by four technical sessions. In the third Plenary session, Prof. (Dr.) Shakeel Ahmed Raina, Former Principal, Higher Education Department, J&K Govt; Dr. Syed Mohsin Saif

Assistant Professor, Department of Computer Science, Islamic University of Science and Technology, Awantipura, Srinagar, J&K, India; Dr. Rohit Bhagat, The Business School - Bhaderwah Campus, University of Jammu, Bhaderwah, J&K, India and Dr. Syed Immanuel Ansar, Assistant Prof. Dept. Of Computer Applications, Govt. Degree College Sumbal, J&K were the invited speakers. OP Sharma Vidyarthi, IFS, was the chairperson whereas Dr. Mahroof Khan, Dept of Botany SKC GDC Poonch, the Rapporteur of this plenary session. The other Technical sessions were chaired by Dr. Mudasar M. Kirmani, Sr. Assistant Professor cum Scientist, Department of Computer Science, Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST-K), Srinagar, J&K, India and Dr. Muneer Karama, Associate Professor, Department of Applied Mathematics, Palestine Polytechnic University, Hebron, Palestine. Dr. Tariq Hussain Sheikh, Dr. Jameel Ahmed, HoD Sociology, Dr. Yougesh Kumar, Mr. Mukesh Kumar and Mr. Atal Bharti of SKC GDC Poonch, J&K, India were the Rapporteurs of these technical sessions.

### Shri Krishan Chander Government Degree College Poonch, J&K, India

(Department of Computer Science and Institution's Innovation Council (IIC))

In collaboration with  
Attitude Change International, Darhal Malkan, J&K, India  
&  
Sheikh's Computers Association Technology, Poonch, J&K, India

Under the Aegis of Azadi Ka Amrit Mahotsav and G20

## Organizes

# Two-Day International e-Conference

## On

### ARTIFICIAL INTELLIGENCE AND SUSTAINABLE DEVELOPMENT

**JUNE 3-4, 2023**  
**10:00AM - 5PM, IST**

[Registration Link](https://forms.gle/3vLHqYHhK1eWWbY8)  
To register please Click here or copy/paste this link: <https://forms.gle/3vLHqYHhK1eWWbY8>

### Eminent Speakers

[Click here or copy/paste this link: https://forms.gle/3vLHqYHhK1eWWbY8 to Submit Abstract and/or full Paper.](https://forms.gle/3vLHqYHhK1eWWbY8)

**Registration Fee for Indian delegates only:**  
Rs. 200 for Faculty,  
Rs. 100 for students/scholars  
**Bank Details to pay Fee:**  
Account Name: Principal SKC GDC Poonch  
Account No: 0019040500026223  
IFSC: JAKA0BORDER  
Bank: JK Bank  
Branch: Main Branch Poonch, J&K

**Last Date to Submit Abstract:**  
May 31, 2023

**NO Registration fee for Foreign delegates**

Event certificate shall be issued to participants who not attend the conference to fulfill and submit the feedback form. For queries please contact: +91- 7051071044 / 9419172355; email: [infoconf2023@gmail.com](mailto:infoconf2023@gmail.com)

## Two-Day International e-Conference

### On

# ARTIFICIAL INTELLIGENCE AND SUSTAINABLE DEVELOPMENT

SKC GDC Poonch, Campus and staff members

### About SKC GDC Poonch

Government Degree College, Poonch was established on 11.03.1961. It was the first college in Poonch region. Initially it was functioning as an Intermediate College in the old "Bhaderwah" building in "Makala Darga". Prof. P.L. Bawa, an eminent educationist of Jammu and Kashmir was its first Principal. In 1961, it was elevated to the status of a Degree College and Prof. P.L. Bawa, another great educationist and scholar headed this institution during its developmental phase. In early 1960s, the College was shifted to its present location. The college is presently affiliated to the University of Jammu and is recognized by University Grants Commission. The College celebrated its golden Jubilee in the year 2011. The college offers undergraduate courses in Arts, sciences, medical science in certificate and B.Sc. in a professional course. The college also started evening course opened courses and certificate courses in some subjects (Functional English and Sanskrit). The infrastructure of the college has been consistently upgraded over the years. One of the students who were awarded medals in the year 2011. The college offers undergraduate courses in Arts, sciences, medical science in certificate and B.Sc. in a professional course. The college also started evening course opened courses and certificate courses in some subjects (Functional English and Sanskrit). The infrastructure of the college has been consistently upgraded over the years. One of the students who were awarded medals in the year 2011. The college offers undergraduate courses in Arts, sciences, medical science in certificate and B.Sc. in a professional course. The college also started evening course opened courses and certificate courses in some subjects (Functional English and Sanskrit). The infrastructure of the college has been consistently upgraded over the years. One of the students who were awarded medals in the year 2011.

### About Attitude Change International

The Attitude Change International (ACI) is voluntary (Registered) organization actively engaged in Peace and Development works. The main objective of the organization is to introduce, advocate and implement P.A.C.E. EDUCATION to promote peace, tolerance, non-violence and a culture of mutual respect, understanding and co-existence, hence provide future generations with source of hope. For more information, please click here: <http://www.attitudechange.org>

### ABOUT SHEIKH'S COMPUTER ASSOCIATION TECHNOLOGY POONCH, J&K, INDIA

Sheikh's Computer Association Technology (SCAT) Poonch J&K, India is leading Institute regional under Research Institute, Center of Education for Excellence (RICET) & IITR Government, a dynamic organization dedicated to providing comprehensive computer education and technology services since decade. We take pride in our commitment to progressing the community with the knowledge, skills, and resources necessary to thrive in the digital age. SCAT Poonch, J&K, India offers a wide range of computer courses, technology services and consultancy activities. All aimed at bridging the digital divide and fostering technological advancement in the region.

### About the Conference

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision. Studies show that the AI market will grow to a \$100 billion industry by 2025, according to a research firm. Much of this growth will be driven by a combination of factors: the fact that some people are over-reliant on a computer or an over-reliance on a computer is a reality as automation, no longer considered reserved AI are our daily lives and activities. There is a simple truth: Google uses AI to provide us with the most accurate results.

This is neither an artificial nor a simulation of human intelligence as human intelligence and sustainable development, as called for by G20 India 2023. G20 India 2023 along with the voluntary organizations, Attitude Change International and Sheikh's Computer Association Technology by creating platform of experts, scientists, scholars and technologists from various parts of world on the "artificial intelligence" - Two day International Conference "Artificial Intelligence and Sustainable Development" organization and challenges "with the goal of discussing, resolving deep issues in Artificial Intelligence and Sustainable Development in the Areas of India's G20 Presidency and under the aegis of Azadi Ka Amrit Mahotsav. The conference is expected to provide a platform of mutual understanding and intellectual exchange for present and future generations.

### Target Audience and delegates:

Abstracts (250-300 words) are invited from all areas of study and research - Science, Arts, Humanities, Agriculture etc. Any one can participate.

[Click here or copy/paste this link: https://forms.gle/3vLHqYHhK1eWWbY8 to Submit Abstract and/or full Paper.](https://forms.gle/3vLHqYHhK1eWWbY8)

**Selected papers shall be published in ISBN Book**

For queries, +91- 7051071044 / 9419172355; email: [infoconf2023@gmail.com](mailto:infoconf2023@gmail.com)

## 6. Backward Linkages: Visit to GHSS (Boys) Poonch



## 7. Seminar on National Technology Day



# 8. Webinar on National Startup Day



## 9. Workshop on Cyber Awareness



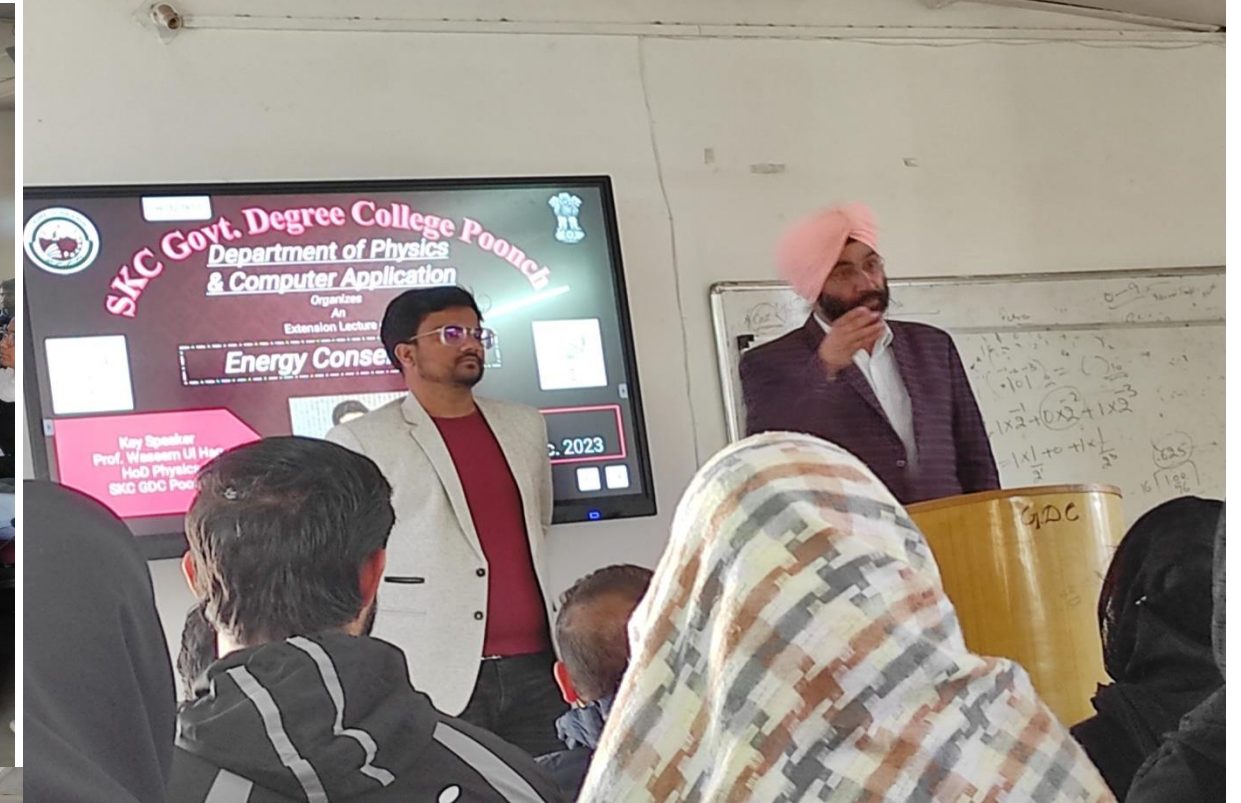
# 10. Online Workshop on Intellectual Property Rights

The screenshot displays a Google Meet interface for an online workshop. The top of the screen shows the browser address bar with the URL <https://meet.google.com/wsg-eksp-cnt?authuser=2>. The main area is divided into several sections:

- Top Left:** A video feed of a participant in a yellow jacket, labeled "You".
- Top Middle:** A video feed of a participant wearing a blue turban, labeled "Jasbir Singh".
- Top Right:** A video feed of a participant in a yellow jacket, labeled "You".
- Bottom Left:** A video feed of a participant in a light blue shirt, labeled "Sajad Ahmed Mir can now join this meeting".
- Bottom Right:** A video feed of a participant in a light blue shirt, labeled "swakar sharma".
- Center:** A large grid of participant avatars, each with a name and a small profile picture. Names include SHAISTA ANJUM, Mohd Yaseen, Riaz Ahmad, Mudassar Ali, Saqib Ali, Kamran Mughal, Abida Latief, Latif Mir, Fasar Kazmi, shehzad bandoy, UR GAMER, Akriti Luthra, Anaba Fatima, Musarat Chou..., Sayeda balqees..., Anamika Bali, Dr. Alia Hussain, Yasmeen kosor, Shabana Koser, SHABIA TASLEEM, Shah Nawaz Gorsl, Azhar Maqsood, Sardar Akhter Aba..., Zaheer Mir, Shazma\_qureshi\_, Irsalaan Shah, Banu Rains, Sabha Zahra, Iftikhar Ahmed, Musarat Choudhary, Azhar Maqsood, Sardar Akhter Abbas Khan, Riaz Ahmed, Zaheer Mir, Shazma\_qureshi\_00 Shaz..., Irsalaan Shah, Banu Rains, Sabha Zahra, Iftikhar Ahmed, Jahangir azghar, Tabssum Naz, Sayeda balqees Zahira, SP SINGH, and Jasbir Singh.

The bottom of the screen shows the Windows taskbar with the time 4:09 PM, the meeting name "wsg-eksp-cnt", and system icons for search, network, and battery. The date and time are 16:09 on 31-03-2023.

# 11. Energy Conservation Day 2024



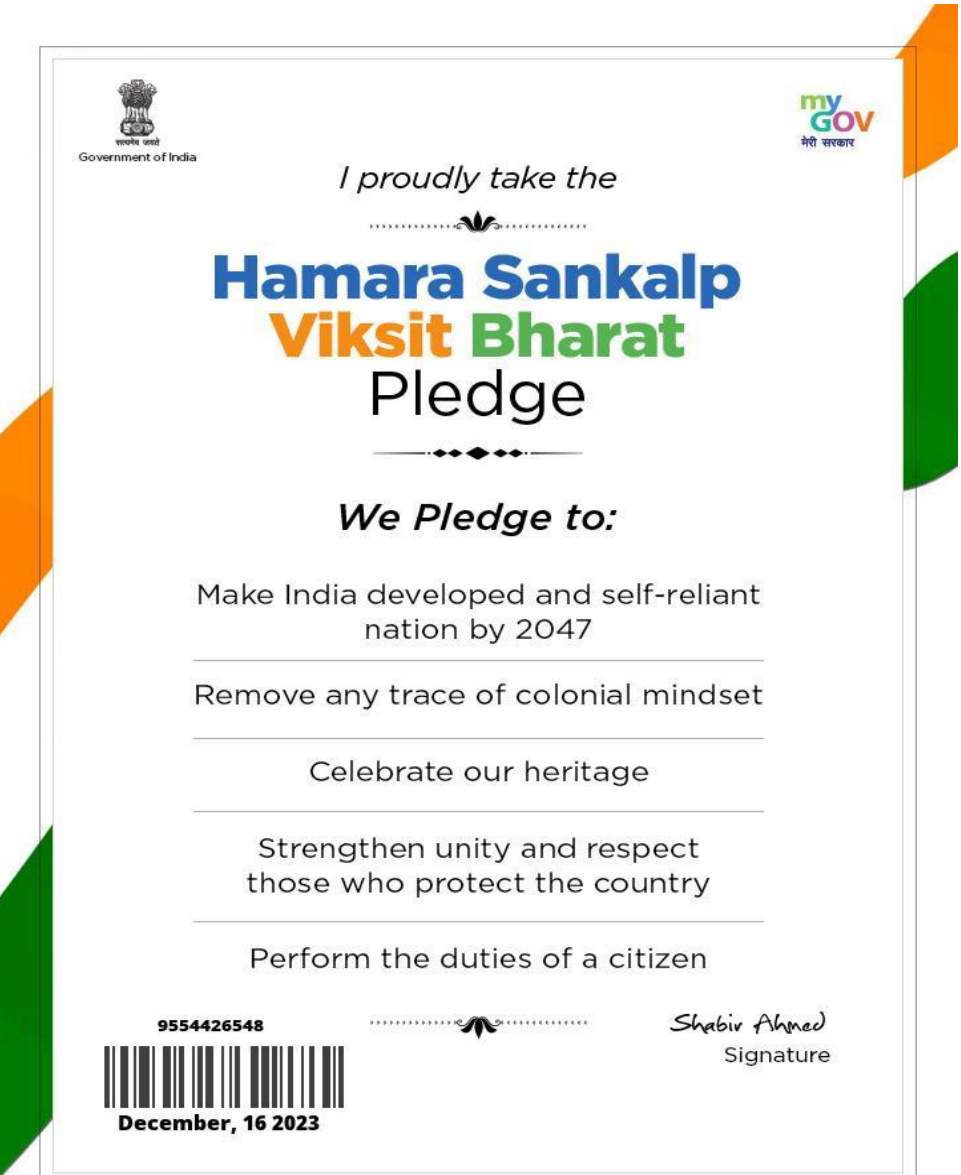
## 12. Webcast of Viksit Bharat@2047



### Objectives:

- Honorable Prime Minister's vision to the local community.
- To provide a platform for interaction and discussion.
- To bring essential services closer to citizens through digital means.

# 13. Pledge and Selfie Campaign

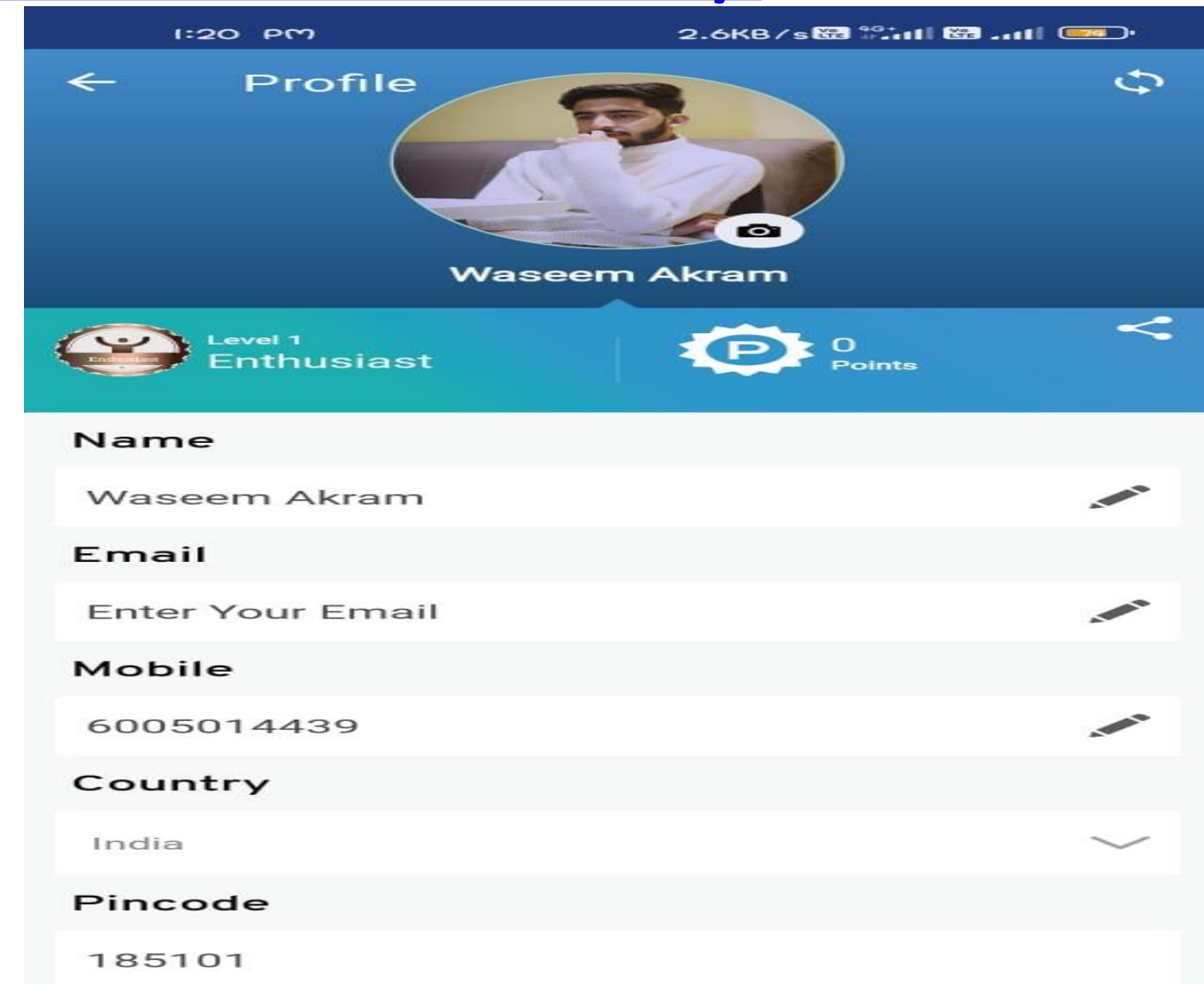
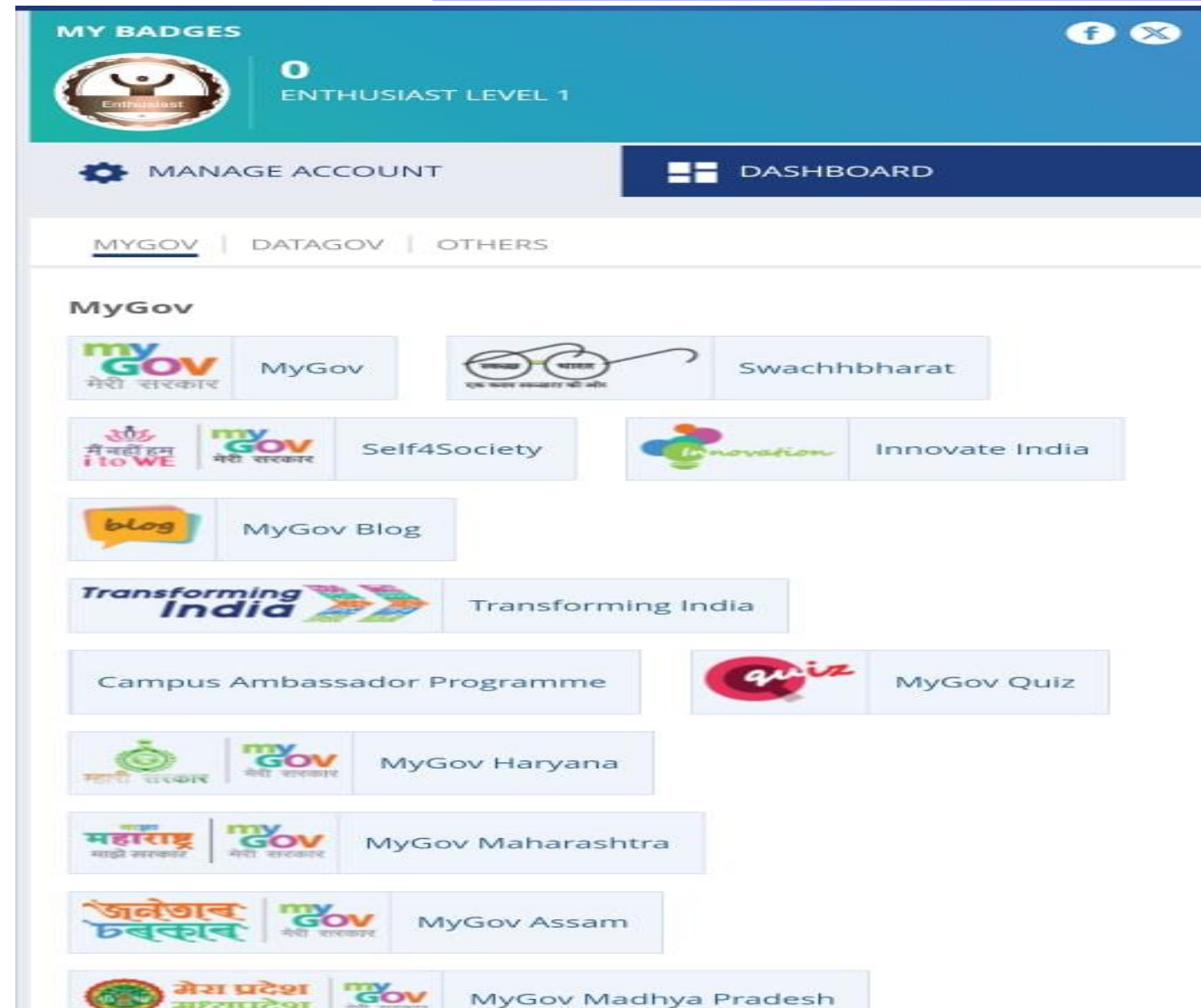


## Objectives:

- To transform India into a developed nation by the year 2047, marking the 100th anniversary of its independence.
- To create a sense of responsibility and commitment among students towards the development goals outlined by Viksit Bharat.

# 14.Registration Drive on

<https://innovateindia.mygov.in/viksitbharat2047/>



## Objectives:

- To provide financial assistance to those citizens who have great business ideas.
- To recognize the country in the list of developed nations.
- To contribute their suggestions and shape the collective vision for a developed India by 2047.

# 15. Online Quiz Competition



## Objectives:

- To engage participants in a knowledge-sharing platform.
- To promote awareness about the envisioned progress of India by the year 2047.
- To create awareness among citizens about various welfare schemes.
- To seek their participation in the spirit of “Jan Bhagidari” to ensure 100% saturation of schemes.

# 16. Seminar on “Government Initiatives under ViksitBharat@2047”



## Objectives:

- To discuss about the future of India and its development goals by the year 2047.
- To emphasize the importance of skill development for a knowledge-based economy.
- To foster a sense of collective responsibility towards the nation's future.

# 17. Workshop on “Government Sponsored Schemes”



## Objectives:

- To familiarize participants with the key government schemes falling under the Viksit Bharat initiative.
- To highlight the benefits and eligibility criteria of each scheme.
- To encourage students to actively engage with and leverage these schemes for personal and community development.

# 18. Celebrated National Mathematics Day



DEPARTMENT OF MATHEMATICS SHRI KRISHAN CHANDER  
GOVERNMENT DEGREE COLLEGE POONCH  
IN  
COLLABORATION WITH  
DEPARTMENT OF COMPUTER APPLICATIONS  
ORGANIZING SEMINAR  
ON  
"CONTRIBUTION OF RAMANUJAN IN THE DEVELOPMENT OF MATHEMATICS"  
TO CELEBRATE  
"NATIONAL MATHEMATICS DAY"  
UNDER THE AGIES OF VIKSITBHARAT@2047  
ON 22-12-2023

**Convener**  
Prof. Tehseen Abas  
Head, Maths.  
SKC GDC Poonch

**Patron**  
Dr. Jasbir Singh  
Principal SKC GDC  
Poonch

**Organizers**

Prof. Masood Ahmed  
Dept, Maths.  
SKC GDC Poonch

Dr. Tariq Hussain Sheikh  
Faculty, Comp. App.  
SKC GDC Poonch

Prof. Wasim Akram  
Head Computer App.  
SKC GDC Poonch

## Objectives:.

- To commemorate the birth anniversary of the legendary Indian mathematician, Srinivasa Ramanujan.
- To foster a spirit of appreciation and understanding of mathematics among the students and faculty.
- To continue promoting a culture of mathematical appreciation and research within the academic community.

## 19. Group Discussion on ViksitBharat@2047-(Developed India)



### Objectives:.

- To foster critical thinking, enhance communication skills.
- To reflect on the key elements that contribute to the development of the nation.
- To exchange ideas and perspectives on India's growth story.

## 20. Extension Lecture on “Digital Payment Infrastructure”



### Objectives:

- To educate participants about the various forms of digital payments available.
- To highlight the advantages of digital transactions over traditional methods.
- To address concerns and misconceptions regarding the security of digital payments.
- To encourage the adoption of digital payment methods for a more efficient and convenient financial ecosystem.

## 21. Poster Making Competition on “Technological Innovation”



### Objectives:

- To promote and nurture the creative abilities of students.
- To provide a platform for the youth to actively contribute their ideas and suggestions.
- To promote the vision of a developed India by the year 2047.

## 22. Literary Meet in the memory of Late Sh. Sheikh Sajjad Poonchi



# 23. Celebration of National Youth Day



# STUDENT ENROLLMENT FOR CURRENT SESSION 2025-26

Sem	Major	Minor	SEC	MD	VAC
1st	31	72	136	110	289
3 <sup>rd</sup>	21	41	76	54	-
5 <sup>th</sup>	08	-	-	-	-
7 <sup>th</sup>	-	02	-	-	-

## RESULT STATEMENT OF LAST 5 YEARS (BCA)

Year	No of Students Appeared	No of Students Passed	Percentage
2020-21	10	10	100
2021-22	08	06	75
2022-23	05	04	80
2023-24	04	03	75
2024-25	02	02	100

# Teaching Faculty Details



**MS. BINDU SHARMA**  
**LECTURER**  
**QUALIFICATION: MCA, NET**  
**EXPERIENCE: 01 YEAR**



**Joined on 20 Nov 2023**  
**MR. WASEEM AKRAM MIR**  
**ASSISTANT PROFESSOR & HEAD**  
**EXPERIENCE: 08 YEARS**



**MS. HASEENA KOUSER**  
**LECTURER**  
**QUALIFICATION: MCA, NET**  
**EXPERIENCE: 02 YEARS**



**MS. KHATEEBA**  
**TEACHING ASSISTANT**  
**QUALIFICATION: MCA**  
**EXPERIENCE: 01 YEAR**

# FACULTY ACHIEVEMENTS

## 1. Research Publications

- (i) Published a paper entitled **“Necessity and Implementation of BlockChain Technology”** in International Journal of Scientific Research and Management (IJSRM) Volume 5 Issue 07 Pages 6279- 6280, July 2017.
- (ii) Published a paper entitled **“Challenges and Opportunities experienced in moving from Cash to Cashless Economy ”** in International Journal of Current Trends in Science and Technology Vol 7 Issue 08 Pages 20239-20243, Aug 2017.
- (iii) Published a paper entitled **“A Study on Role and Applications of ICT in development of Rural Areas ”** in International Journal of Scientific Research and Management (IJSRM) Volume 5 Issue 08 Pages 6758- 6763, Aug 2017.
- (iv) Published a paper entitled **“A Study on Role and Applications of Augmented Reality in Tourism: Its Challenges and Future Prospects”** in International Journal of Advanced Research in Computer Science Volume 8 No 08 Pages 168-172, Sept-Oct 2017.
- (v) Published a paper entitled **“A Study on Positive and Negative Effects of Social Media on Society”** in International Journal of Computer Sciences and Engineering Volume 5 Issue 10 Pages 347-354, October 2017.
- (vi) Published a paper entitled **“Blockchain Technology: Challenges and Future Prospects”** in International Journal of Advanced Research in Computer Science Volume 8 No 09 Pages 642-644, Nov-Dec 2017.
- (vii) Published a paper entitled **“Role of Mass Media in creating Environmental awareness among the residents of Poonch District of J&K India”** in International Journal of Advanced Scientific Research and Management Volume 4 Issue-1 Pages 131-133, Jan 2019
- (viii) Published a paper entitled **“A Study on Role and Applications of Cryptography Techniques in Cloud Computing (Cloud Cryptography)”** in International Journal of Advanced Scientific Research and Management Volume 4 Issue-1 Pages 134-137, Jan 2019
- (ix) Published a paper entitled **“Potential of Li-Fi (Light Fidelity) Technology for Internet Penetration in Rural India”** in International Journal of Computer Sciences and Engineering Volume 7 Issue 1, Pages 708-713, Jan-2019.

## 2. Book Publications

- i) Published one chapter entitled “Digital India: Challenges and Future Prospects” in the Book titled ADAB AUR SAMAJ , Compiled by Dr. Mohammad Latif Mir. ISBN: 978-81-945681-0-0, Year 2019, Published by Brar Sons, Brar Street Hazrat sheikh road, Malerkotla, Punjab.
- ii) Published Book titled “ PC Assembly and Installation” by Prince Publications House Jalandhar.
- iii) Published Book titled “ Understanding E-Services” by Prince Publications House Jalandhar..
- iv) Published Book titled “Problem Solving using C Language” by Prince Publications House Jalandhar.
- v) Published Book titled “ Data Structures Using C Language” by Prince Publications House Jalandhar.
- vi) Published Book titled “ Understanding Computers” by Prince Publications House Jalandhar.

### **3. Seminar/Conferences/Workshops**

- (i) Participated and presented paper on “A Study on Li-Fi Technology and its Applications” in Two Day National Science Conference on Science, Society and Sustainable Development” organized by Poonch Campus, University of Jammu on 25-26 Nov 2017.**
- (ii) Participated and presented paper on “Digital India: Challenges and Future Perspectives” in One Day National Conference on Interdisciplinary Sciences and Humanities held on 22nd of March, 2018 organized by Govt. PG College Rajouri.**
- (iii) Participated and presented paper on “Sacrifices of Hazrat Imam Hussain (RA) for Mankind ” in 2<sup>nd</sup> One Day National Shaheed-e-Insaniyat Conference held on 4<sup>th</sup> of October, 2018 organized by Govt. Degree College Mendhar.**
- (iv) Participated and presented paper on “Digital Wallet: Possibilities and Future Prospects” in Two Day National Conference on Recent Trends in Sciences, Social Sciences and Humanities held on 19<sup>th</sup> and 20<sup>th</sup> of Jan, 2019 organized by Govt. PG College Rajouri.**
- (v) Participated and presented paper on “A study on role and applications of cryptography techniques in cloud computing” in One Day international Conference on Global Technological Advancement in Business Management, Engineering & Social Science held in IIMT College, Plot No-A-20, Knowledge Park-III, Greater Noida, U.P on 30<sup>th</sup> Mar 2019.**

### 3. Seminar/Conferences/Workshops

(v) Participated and presented paper entitled “Role of Computer Science in Biodiversity” in **State Level One Day Science Conference on Innovative Trends in Biodiversity Conservation** (Pir Panjal Region) on 08/03/2017 organized by Department of Biosciences G.D.C Mendhar.

(vi) Participated and presented paper on “**Impact of Smart Phones and Laptops on Brain and Body**” in **One Day State Level Interdisciplinary Science Conference** on Innovative Research in Science and Technology for Sustainable Development organized by Govt. Degree College Poonch on 20/03/2017.

(vii) Participated and presented paper on “**Guidelines of Sir Syed Ahmad Khan for improvement of Indian Muslims by adopting Western Education**” in **One Day National Seminar** on the relevance of Sir Sayed’s thoughts in present day era organized by Department of Urdu GDC Mendhar in Collaboration with NSS Unit GDC Mendhar on 24<sup>th</sup> of October 2017.

(viii) Participated and presented paper on “**A Study on Li-Fi Technology and its Applications**” in **Two Day National Science Conference on Science, Society and Sustainable Development**” organized by Poonch Campus, University of Jammu on 25-26 November 2017.

## 4. Short Term Courses

- i) Participated and completed Ten Days Online Certificate Course on “ Data Analysis for Life Sciences using R Programming” and passed the examination conducted by the Guru Nanak Centre for Research(GNCR), Guru Nanak College (Autonomous), Guru Nanak Salai, Velachery, Chennai from 14-10-2020 to 23-10-2020.
- ii) Participated and Completed Three Credit Course through SWAYAM in association with CEC ,National Coordinator, New Delhi on “Information Technology” with a consolidated score of 82% from the evaluation based on continuous online assessments and the proctored examination held in month of September,2020.
- iii) Participated and Completed Two weeks online course on “SPSS BASICS” with Grade “O” organized by Maulana Azad National Urdu University (MANUU), Hyderabad from 01-12- 2020 to 14-12-2020.

## 5. Orientation/Refresher Courses

- i. Participated and attended the 40<sup>th</sup> Orientation Programme from 11-06-2019 to 01-07-2019 at UGC HRDC- Maulana Azad National Urdu University Hyderabad.
- ii. Participated and attended the online Refresher Course on “MOOC’s and E-Content Development ” from 17 Nov,2020 to 30-Nov,2020 at UGC HRDC- Pondicherry University, Pondicherry.
- iii. Participated and attended the online **Refresher Course on “Computer Science & Applications”** from **22-09-2021 to 05-10-2021** at UGC HRDC- Bharthidasan University, Tamil Nadu.

## 6. FDP/Training Programmes

i) Participated and attended a one week AICTE Sponsored Short Term Training Programme on “ Harmony in the Workplace: Effective Interpersonal & Communication Skills” organized by Department of Sciences and Humanities, Sri Venkateswara Engineering College, Tirupati, Andhra Pradesh from 26-10- 2020 to 31-10-2020.

ii) Participated and attended Six Days Online Short Term Training Programme (STTP) on “ IOT Based WSN using COOJA Network Simulator” organized by Department of Electronics & Communication Engineering, IFET College of Engineering, IFET Nagar Gangarampalayam, Villupuram from 05 November, 2020 to 11 November,2020.

iii) Participated and attended ten days faculty development programme on “ ICT Tools for reaching and teaching remote learners in Higher Education” and obtained Grade “A” organized by Govt. PG College for Women, Gandhi Nagar Jammu in collaboration with Tech Edu Teacher from 28 Sept, 2020 to 07 Oct,2020.

## 7. FDP/Training Programmes

iv) Participated and attended one week faculty development programme on “Scientific Writings using Latex” under the banner of Kamyabi-An initiative in Career Development, organized by Department of Computer Sciences, BGSB University Rajouri from 05 October, 2020 to 09 October, 2020.

v) Participated and attended Six Days Faculty Development Programme on “Blockchain and its Applications” organized by Department of Computer Engineering, Madhuben & Bhanubhai Patel Institute of Technology, New Vallabh Vidyanagar from 14<sup>th</sup> to 19<sup>th</sup> December, 2020.

vi) Participated and Completed Two weeks AICTE Sponsored Faculty Development Programme on “Applications of Augmented Reality (AR) and Virtual Reality (VR) using MATLAB” organized by Department of Electronics & Communication Engineering, IFET College of Engineering, IFET Nagar Gangarampalayam, Villupuram from 14<sup>th</sup> December, 2020 to 30<sup>th</sup> December, 2020.

.

## 7.FDP/Training Programmes

vii) Participated and attended **one week faculty development programme on “MOOC’s and E-Content Development”** at Govt. College for women Gandhi Nagar Jammu w.e.f 02-Jan-2020 to 06-Jan 2020.

viii) Participated and attended one day workshop cum Training programme on PFMS at Govt. M.A.M College Jammu organized by Director RUSA, J&K on 11-02-2020.

ix) Attended and act as a member of Technical Committee in Seven Days workshop cum training programme on “ Disaster Management and First Aid” organized by NSS Unit GDC Mendhar in collaboration with J&K Civils Defense and SDRF from 10<sup>th</sup> to 16<sup>th</sup> Dec,2021.

# Additional Responsibilities

- SPOC Director Colleges JKHED web Portal.
- GEM Buyer
- Admission Coordinator FYUGP Semester 1<sup>st</sup> (NEP) 2025-26
- Nodal Officer Viksit Bharat@2047
- Coordinator Institution Innovation Council (IIC)
- Nodal Officer Digital Initiatives
- Nodal Officer AISHE

# Capacity Building

- Participated and Completed 3-days Capacity Building programme on Design your Degree (DYD) at University of Jammu.
- Participated and Completed 5 days capacity Building programme on “Nurturing Future Leadership Programme at IIM Jammu.
- Participated and Completed 7 days Capacity Building programme on “ Indian Knowledge system “ at UGC-HRDC University of Kashmir.
- Participated and Completed 2 days training programme on E-Yantra : an initiative of IIT Bombay at GGM Science College Jammu.
- Participated and attended training programme on Mission Yuva at Govt. M.A.M College Jammu.
- Participated and attended one day Conference on SWAYAM as Capacity building Programme for teachers at University of Kashmir.
- Participated and Completed 3 days Capacity Building programme in Innovative Pedagogy for NEP 2020 at University of Jammu.
- Participated and completed NEP 2020 Orientation and Sensitization under MMTTP UGC University of Kashmir.

# Question Paper Setting/Evaluation

- Member of Question Paper Setting Committee for BA/B.Sc Sem 1<sup>st</sup> and 2<sup>nd</sup> for Department of Computer Sciences and IT, University of Jammu.
- Prepared and finalized the Question Paper of Skill Enhancement Courses and Value Added Courses.
- Prepared and finalized the Question Paper of Skill Enhancement Courses and Value Added Courses for GDC Mandi and GDC Surankote.
- Evaluated 456 Answer Scripts of Computer Application for B.Sc Sem 2<sup>nd</sup> and 6<sup>th</sup> at Evaluation Centre University of Jammu.
- Evaluated 1013 Answer Scripts of Computer Application for B.Sc Sem 1<sup>st</sup>, 3<sup>rd</sup> and 5<sup>th</sup> at Evaluation Centre Cluster University of Jammu.

# Syllabus Design

- Designed syllabus of Information Technology of Sem 5<sup>th</sup> to 8<sup>th</sup> for the Examinations to be held in 2024 to 2026 and submitted to the Department of Computer Sciences and IT, University of Jammu.
- Designed syllabus of Computer Application of Sem 2<sup>nd</sup> (Major, Minor and MD) for the Examinations to be held in 2024 to 2026 and submitted to the Department of Computer Sciences and IT, University of Jammu.
- Designed syllabus of Cyber Security (SEC) for the Examinations to be held in 2024 to 2026 and submitted to the Department of Computer Sciences and IT, University of Jammu.

# Student Mentoring

- Maintained a Mentee Profile and created a Whatsapp Group.
- Conducted two formal Meetings with the mentees.
- Monitored Attendance, Academic Performance and Behavioral aspects.
- Identified Slow and Advanced Learners.
- Guide Students on Internships, Innovation and SWAYAM Courses.
- Maintained Confidentiality and Supportive attitude.
- Guided and aware mentees about Cyber Crimes and laws.
- Obtained regular feedback from mentees on the mentoring process.

# Non-Teaching Faculty Details

Name of the supporting staff	Designation
Sanjeev Kumar	Laboratory Assistant
Rasmeet Kour	Lab. Bearer
Mohd Sohail	MTS

# Former Teaching Faculty

S.No	Name of the Faculty Member	From	To
1.	Prof. Shujat Khan	2007	2009
2.	Prof. Jameel Ahmed	2012	2021
3.	Dr. Riaz Ahmed	2021	2023
4.	Prof. Waseem Akram	2023	Till Date

# Alumni

S.No	Name of the Alumni	Highest Qualification	Present Designation
1.	Khaleel Ahmed	MCA	Teacher
2.	Mohd Naseem	MCA	Teacher
3.	Rajat Dutta	MCA	RE –PNB Metlife
4.	Maryam Tantray	MCA	Vocational Teacher
5.	Ghulam Abass	MCA	Vocational Teacher
6.	Seerat Fatima	MCA	Vocational Teacher
7.	Amir Sohail	MCA	Teacher

# Courses

Sem	Major	MD	SEC	VAC	Minor
1st	Computer Fundamentals	Understanding Computers	Office Tools	Digital Technology	Computer Fundamentals
2 <sup>nd</sup>	Computer Networks	Understanding Internet	E-Services	Digital Technology	Computer Networks
3 <sup>rd</sup>	a) C Language b) PC Assembly	Understanding Computers	Cyber Security		PC Assembly
4 <sup>th</sup>	MAJOR-1 Data Structures	MAJOR-2 Operating System	MAJOR-3 Computer Networks	MAJOR-4 Mathematical Foundations	Computer Networks
5 <sup>th</sup>	OOP Using C++	Web Technologies	Computer Graphics	E-Commerce	OOP Using C++
6 <sup>th</sup>	DBMS	PHP	FOSS	IOT	DBMS
7 <sup>th</sup>	Machine Learning	Research Methodology	Python	SAD	Python
8 <sup>th</sup>	Statistical Concepts		Project Work	Dissertation	Statistical Concepts

# Outreach/Internship Programmes

## One Month Internship Programme in Computer Science

**BABASAHEB BHIMRAOU AMBEDKAR UNIVERSITY SETALLITE CENTER AMETHI (A CENTRAL UNIVERSITY)**  
 in Association with  
**DEPARTMENT OF COMPUTER SCIENCE KCM GDC POONCH & SHEIKH'S COMPUTERS ASSOCIATION TECHNOLOGY-POONCH**  
 (Regd. By J&K Govt. under Registration No.156-RS)

Starts  
**One Month Online Internship Programme in Computer Science**



**Dr. Aditya Khamparia**  
Coordinator CS  
Babasaheb Bhimrao Ambedkar University



**Dr. Riaz Ahmed**  
Head  
Department of Computer Science  
KCM Govt. Degree College Poonch



**Prof. Mussaraf H. Shah**  
Principal  
KCM Govt. Degree College Poonch  
J&K India

**Resource Persons**



**Prof. Dr. Ramesh Chander Panda**  
Dean R&D Cell  
Surya Institute of Engineering & Technology  
Bhubaneswar Odisha  
Topic: 3D Printing



**Dr. Abhilasha Vyas**  
Senior Chief Technology  
Consultant SWHL.COM  
Topic: Cyber Security



**Dr. Tariq Hussain Sheikh**  
Faculty  
Department of Computer Science  
KCM GDC Poonch  
Topic: Artificial Intelligence

One Month Internship programme  
 14<sup>th</sup> of Feb.2022  
 Basic to advance Learning  
 Practical Training Sessions  
 Hand on Practice

Registration Fee: Rupees 295  
 Call us:7051071044

Join with us  
 > To Acquire  
 > To practice &  
 > To Innovate

<https://forms.gle/y27zP4Vwn1wig88B9>  
 Registration form link

Certificate will be provided

Yousaf S/o Asdullah Chopan R/o Pahalgam Investigation taken up...

### 30 Days Internship Programme in Computer Science

**TOSEEF R GANAI**  
**KHALSA EXPRESS NEWS POONCH:** Babasaheb Bhimrao University Satellite Center Amethi (Central University) in collaboration with Department of Computer Science Krishan Chander Memorial Government Degree College Poonch (J&K) and Sheikh's Computers Association Technology-Poonch started thirty days Internship Programme in Computer Science.

In his welcome address of the Inaugural Session, Prof. Mussaraf Hussain Shah Principal Krishan Chander Memorial Government Degree College Poonch discussed that teaching learning process can be improved by using computers. He appreciated organizers for making fruitful the said programme.

Prof. Shabir Hussain Shah (Retd Principal Higher Education Department) and Dr. Shakeel Ahmed Raina (Retd Principal Higher Education Department) were the special invitee and Dr. Aditya Khamparia Coordinator Computer Science Babasaheb Bhimrao University Satellite Center Amethi



(Central University) was the key note speaker of the programme.

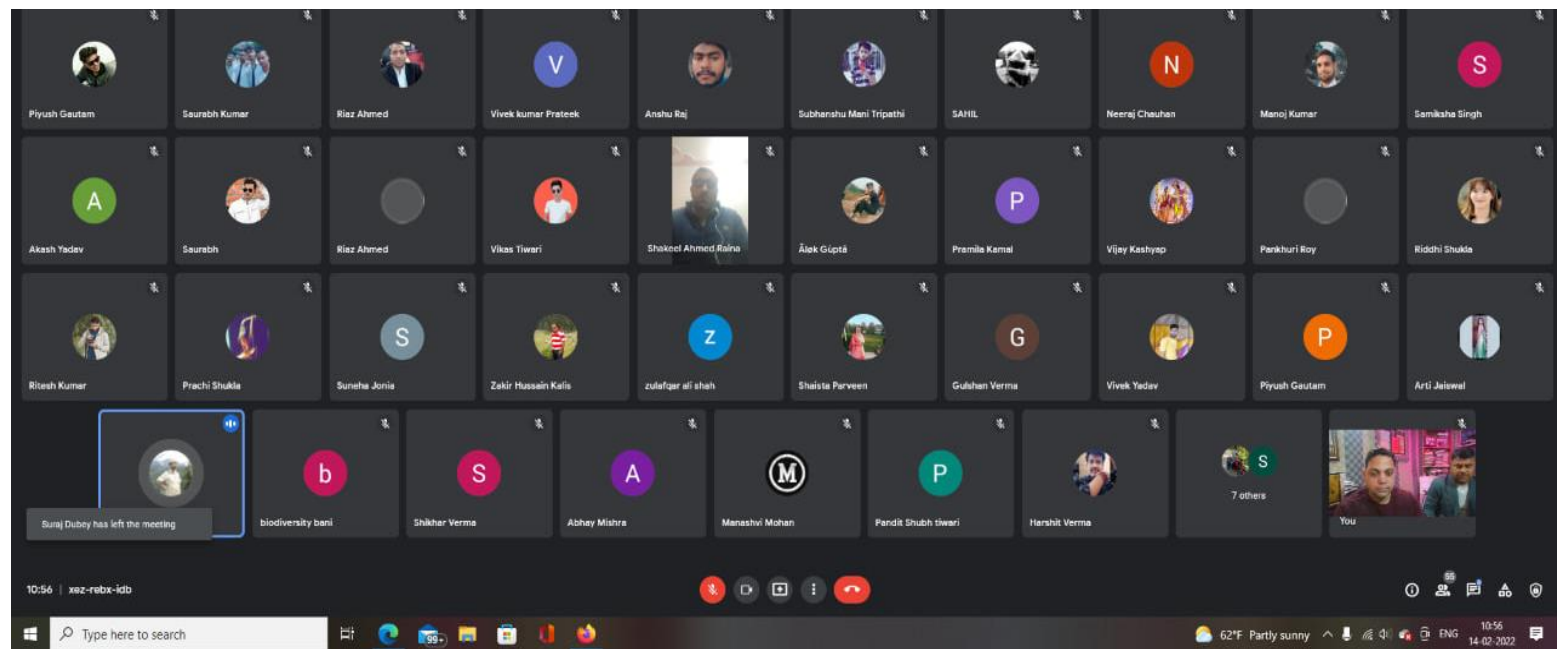
Dr. Shakeel Ahmed Raina highlights history of computer science. He elaborated the real time problems can only be solved by using technicality of computer science. Dr. Riaz Ahmed Head Department of Computer Science KCM Government Degree College Poonch in his introductory speech briefed about the thirty days internship programme.

In the Inaugural session Prof. (Dr.) Ramesh Chander Panda Chief Scientist Wegrow Ltd. and Dr. Abhilasha Vyas Senior Chief Technology Consultant swiit.com gave lead lectures on 3D Printing

and Cyber security respectively.

Dr. Maroof Ahmed Assistant Professor Department of Botany KCM Government Degree College Poonch introduced special invitee.

Proceedings of the inaugural session was conducted by Dr. Tariq Hussain Sheikh faculty Department of Computer Science KCM Government Degree College Poonch. Prof. Khadam Hussain Coordinator IQAC, all the faculty members and students of KCM GDC Poonch and other institutions were actively participated in the occasion. In the end vote of thanks presented by Dr. Riaz Ahmed.



# Outreach/Internship Programmes

## Ten Days Internship Programme in Machine Learning

**DEPARTMENT OF COMPUTER APPLICATIONS**  
**SKC GOVERNMENT DEGREE COLLEGE POONCH**

IN COLLABORATION WITH  
**SHEIKH'S COMPUTERS ASSOCIATION TECHNOLOGY-POONCH**

**ORGANIZES 10 DAYS INTERNSHIP PROGRAMME IN MACHINE LEARNING (ONLINE)**

**Who can apply?**  
**Faculty & Students**



**Convener**  
**Dr. Riaz Ahmed**  
 Head, Comp App.  
 SKC GDC Poonch



**Patron**  
**Prof. M.H. Shah**  
 Principal, SKC GDC Poonch



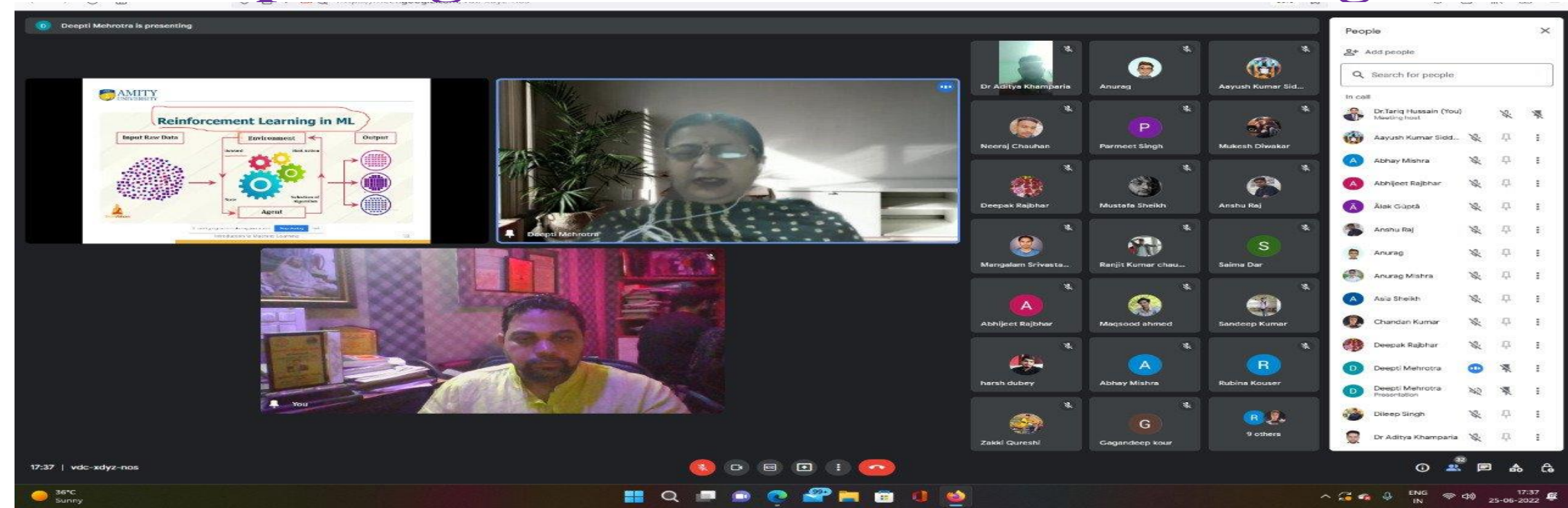
**Dr. Deepti Mehrotra**  
 Resource Person  
 Prof. in IT and Head Accreditation,  
 Ranking & Quality Assurance Amity  
 University UP, India

**Tool for online classes**  
**Wiseapp.**

**Organizer & Resource Person**  
**Dr. Tariq Hussain Sheikh**  
 Faculty, Comp. App.  
 SKC GDC Poonch

from 25th of August to 6th of September

Registration Fee Rs1000



# Outreach/Internship Programmes

## Ten Days Internship Programme in Cyber Sentinel: Securing the Future of Digital defense

SKC Government Degree College Poonch [Department of Computer Applications] In Collaboration with Internal Quality Assurance Cell Government Degree College Rajouri & Sheikh's Computers Association Technology- Poonch Organizes 10 days Internship Programme in "Cyber Sentinel Internship: Securing the Future of Digital Defense" (Online)

from 8th of Jan.2024 to 18th of Jan.2024



Patron  
Dr. Jasbir Singh  
Principal SKC GDC Poonch



Convenor  
Prof. Wasim Akram  
Head Deptt. Computer Applications SKC GDC Poonch



Co-Convenor  
Dr. Riaz Ahmed  
Coordinator IQAC & Head PG Deptt. Computer Applications GDC Rajouri



Co-Patron  
Dr. Shameem Ahmed Azad  
Principal GDC Rajouri

Who can apply?  
Faculty & Students



Organizer  
Dr. Tariq Hussain Sheikh  
IEEE Senior Member (SMIEEE) & Faculty Computer App. SKC GDC Poonch

Click below to register  
<https://forms.gle/mT3BpfXKd6maYcWR7>

Registration Fee Rs.150  
Account Name: SKC GDC POONCH(SEMINAR FUND)  
Bank: Jammu and Kashmir Bank  
Branch: Main Branch Poonch  
Account Details: 0019040500002131  
IFSC Code: JAKA0BORDER

### Resource Persons

Dr. Abhilasha Viyas	Business Unit Head, Cloud Security & BI   MCT   Women Techmakers Ambassador   Speaker   Executive Council Member, WIBD India   Azure User Group Vadodara
Dr. Riaz Ahmed	Head PG Department of Computer Applications Government Degree College Rajouri.
Dr. Manju Vyas	Head Department of Artificial Intelligence & Data Science Jaipur Engineering College & Research Centre, Jaipur.
Prof. Wasim Akram	Head Department of Computer Applications SKC Government Degree College Poonch.
Dr. Tariq Hussain Sheikh	IEEE Senior Member (SMIEEE) & Faculty Department of Computer Applications SKC Government Degree College Poonch.



**Process of Digital Investigation**

NIST Digital Forensic Investigation Process

- Acquisition
- Examination and Analysis
- Documentation and Presentation
- Preservation

**Enhancing Network Security through Advanced Packet Analysis**

Presented By  
**Ms. Afrah Fathima**  
Assitant Professor  
Dept. of CS&IT, MANUU  
Gachibowli Hyderabad

**Cyber Criminals Collection of data**

- Automobile Company
- Mall | Shopping Center
- Telecom Company
- Hotel and Restaurant
- Social media platform's
- E-Commence Company
- Gaming Platforms

Target users

- Data breached due to security maintenance.
- Buy data from Different sources.
- Sell and share data with Others groups.
- Analysis data

Target users with user interest because user can motivate easily with interest.

- Email ID's
- Contacts no
- Bank details
- Passport and official documents No
- Address, Locations, hobbies,
- User's behavior
- User's interest
- User's hobbies
- Monitor user Activity.

# Experiential Learning Programmes

## Group Discussion on Innovative Ideas



# Experiential Learning Programmes

## Hands on Session on Digital payments



# Experiential Learning Programmes

## Hands on Session on “Viksit Bharat Quiz ”



*Congratulations*

 **Mohd Fareed**

For successfully completing the

**Viksit Bharat Quiz**

Let us work together to make India a developed nation.

Thank you for being part of **Viksit Bharat Sankalp Yatra.**



When the tricolor will be hoisted in 2047, then the world will be praising a developed India.

*محمد فارید*

\* This digitally signed certificate is issued for the sole purpose for which it is intended. Any unauthorized use of this certificate is strictly prohibited.

# Experiential Learning Programmes

## Hands on Session on “Cashless Economy”



# Future Plans

- Establishment of Upgraded Computer Lab with high speed Internet.
- Sign MOU with IIM Jammu, IIT Jammu, Local IT Firms and startups for Internships.
- Conduct Industry Expert Lectures quarterly.
- Organize annual IT Conclave/Tech Fest.
- Conduct Hackathons and Coding Competitions.
- Conduct Outreach Programmes to Schools.
- Conduct Workshops on Cyber Safety awareness in Schools and Colleges.
- Organize a Seminar or Conference funded by Department of Science and Technology.

# Don't Hesitate To Contact Us



[WWW.SKCGDCPOONCH.AC.IN](http://WWW.SKCGDCPOONCH.AC.IN)



[WASIMMIR143@GMAIL.COM](mailto:WASIMMIR143@GMAIL.COM)



+91-7051388383

