

GOVERNMENT DEGREE COLLEGE RAMGARH SAMBA, J&K



DEPARTMENT OF COMPUTER APPLICATIONS

Year of Establishment : 2021

Initial Enrollment : 64

Current Enrollment : 64

Number of Sanctioned Posts: 00

Number of Filled Posts: 01



AIMS AND OBJECTIVES



- Empowering the youth in rural communities with Computer Technology.
- The central objective of this programme is to provide a foundation of computing principles and business practices for effective use and management of information systems and enterprise software.
- To provide quality computer education to students for effectively using/managing information systems.
- To prepare every student professionally fit for the rapidly growing industry of Information and Technology
- To assist the students imbibe strong analytical and logical skills

FACULTY PROFILE

Name of the Staff

Ms. Minakshi Sharma
Lecturer
MCA,SET



Number of research papers published: 02

Number of conferences attended: 04

Number of Papers presented:02

Number of Orientation Attended:01

Number of seminar/webinar/workshops attended: 05

Research Publications by Ms. Minakshi Sharma

- Minakshi Sharma,” *Generalized K-Neighbour Algorithm- A Predicting Tool, published in International Joournal of Advanced Research in Computer Science & Software Engineering; ISSN: 2277 128X*
- Minakshi Sharma “*Cloud Computing in Business Optimization: A Case Study of GOOGLE APPS in Business Strategies; INDIA COM ; ISSN: 0973-7529 ISBN 978-93-80544-00-7*

Details of Workshops, Seminars and Conferences attended by Ms Minakshi Sharma

- Minakshi Sharma,” Cloud Computing in Banks: Problems and their possible solutions” ,“International conference on Emerging Trends in computer Science & Information Technology -2011
- Minakshi Sharma,” How to use KNN for prediction purpose :A Case study for predicting Highest Humidity” National Conference on Recent Trend and Technologies in Data Science and Artificial Intelligence, 26-27 August -2016
- Minakshi Sharma,,” Support Vector Machine :for classification of Linear Data”, National Conference on trends in electronics and computational technologies – 2015
- Minakshi Sharma ,”A Proposed whatsapp based model to improve student’s academic performance” , National Conference on Mathematical Sciences and its applications-January 19-20 -2018

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- *Completed 4 week online certificate course on “Web Designing” from 18 May 2021 to 15 June 2021 conducted by NIELIT, Gorakhpur.*
- *Presented Research Paper titled “Naïve Bayese Classifier: Machine Learning tool for classification problems” in Two-day National workshop on “Advances in Interdisciplinary Sciences” organized by the Department of Electronics, University Of Jammu.*
- *Attended Webinar on “Advances in Computational Technology” organized by Department of Computer Science & IT, Govt. Degree College Poonch on April 4, 2021.*
- *Attended Webinar on “AI 2.0- Quantum Model For Consciousness and Neuro Realistic Intelligence” organized by Bharti Vidyapeeth Institute of Computer Applications, New Delhi on July 2, 2022.*
- *Attended Webinar on “5G: Myths and Challenges” organized by Bharti Vidyapeeth Institute of Computer Applications, New Delhi on July 9, 2022.*

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- *Attended workshop on “Intellectual property rights: Implementation & enforcement” held at Central University of Jammu on January 2016.*
- *Attended workshop on “Cyber Security” held at MIET, Jammu on December 2015. 3. Attended workshop on “Entrepreneurship Awareness Program” held at GCET, Jammu on May 2015.*
- *Attended online workshop on “Latex Technology” by IIT Bombay through spoken tutorial portal and get certification on December 2013. Attended “General Orientation Course” held at University of Jammu on January 2013.*

TEACHING METHODS



- Chalk and Talk
- Interactive methods like group discussions, student seminars, peer learning etc.
- Home assignments.
- Multimedia Projector Classroom
- Online methods like using Google Classrooms, Video Conferencing , Wiseapp online teaching etc.
- Practical demonstration based methods.
- Links for National Digital Library are made available to students for easy access of web resources.

COURSES BEING TAUGHT

SEMESTER	COURSE CODE & COURSE TITLE	CREDITS
SEMESTER III	UCAPS-351 : PC Assembly and Installation (COURSE TYPE: SKILL ENHANCEMENT COURSE)	4
SEMESTER IV	UCAPS-451 : INFORMATION SECURITY (COURSE TYPE: SKILL ENHANCEMENT COURSE)	4

COURSES OFFERED FROM 2022-23



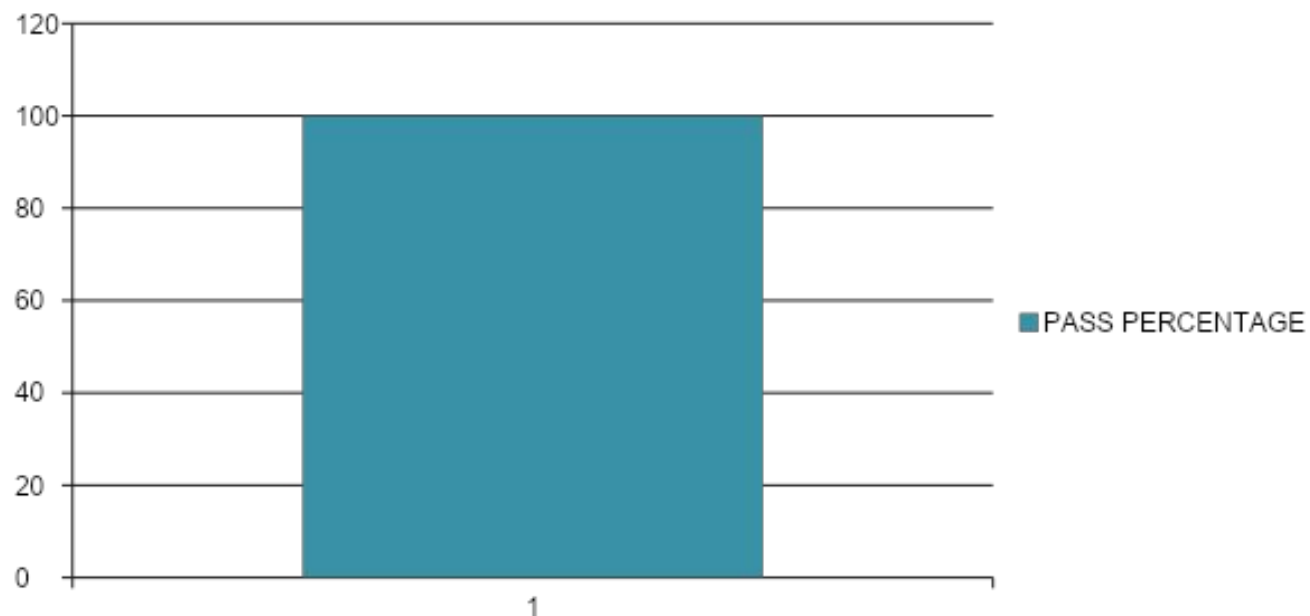
SEMESTER	COURSE TITLE and COURSE CODE	CREDITS
SEMESTER I	UCATC-101 Computer Fundamentals and IT Tools UCAPC-150 Practical (Based on Office Tools)	4 2
SEMESTER II	UCATC-201 Problem Solving using C Language UCAPC-250 Practical based on C-Language	4 2
SEMESTER III	UCATC-302 Object Oriented Programming Using C++ UCAPC-350 Practical (Based on C++)	4 2
SEMESTER IV	UCATC-401 Database Management System & SQL UCAPC-450 Practical (Oracle & PL/SQL)	4 2
SEMESTER V	UCATC-501 Fundamentals of Operating System UCAPE-550 Practical based on Unix/Linux	4 2
SEMESTER VI	UCATE-601 Networking and Internet UCAPE-650 Practical based on HTML and JavaScript	4 2

TOTAL NUMBER OF STUDENTS ENROLLED
(SKILL ENHANCEMENT COURSE)

SEMESTER	SESSION 2020-21	SESSION 2021-22
SEMESTER III	64	-----
SEMESTER IV	-----	64

RESULT (Skill Enhancement Course)

SEMESTER	SESSION 2020-21	PASS PERCENTAGE
SEMESTER III	64	100%



DEPARTMENTAL ACTIVITIES(1)

GDC Ramgarh organized webinar on the topic “Effective Communication & Its importance in Today’s World” on 28th June 2021. The main objective of this event was to enhance the communication skills among students. Dr.(Capt.) Anjana Sharma, Associate Professor, Deptt. Of Computer Science, GGM Science College, was the speaker.



Govt. Degree College Ramgarh

Is organising a webinar on the topic

“EFFECTIVE COMMUNICATION & IT’S IMPORTANCE IN TODAY’S WORLD”

under the programme “Azaadi ka Amrit Mahotsava” in collaboration with Psychological Counselling Cell on 28 June, 2021 at 12:00 PM. The link to join the webinar is:

<https://us05web.zoom.us/j/2667885343?pwd=Q0R5T1RoeDhFWG9GeUhBMHRldDB4Zz09>



Patron
Dr. Meeru Abrol
Principal



Prof. Seema Sharma
Convener

Invited Speaker



Dr.(Capt.) Anjana Sharma
Associate Professor
Deptt. of Computer Science
GGM Science College



Organising Committee
Dr. Aditi Khajuria
Dr. Sandeep Kumar
Dr. Shamsher Lal
Prof. Risha Kumari
Ms. Minali Deep

DEPARTMENTAL ACTIVITIES(2)

Awareness cum Problem Solving Programme on “Web Safety”
conducted by GDC Ramgarh on 24th December 2021

GDC, Ramgarh organized an awareness cum problem solving programme on "Web Safety"



NIN NEWS SERVICE RAMGARH, DEC 24

To celebrate Cyber Jagurkta (awareness) among the students, Government Degree College, Ramgarh organized an awareness cum problem solving programme on "Web Safety". The programme was held under the leadership of Prof. (Dr.) Meeru Abrol, Principal, GDC, Ramgarh. Speaking on the event Prof. (Dr) Meeru Abrol stated that these kinds of activities promote awareness among youngsters as well as

adults to navigate the internet more safely and securely. She said that protecting privacy starts with the world's most advanced security. We should explore ways to keep safe online. The proper use of web is important to enjoy its benefits.

Students of semester III namely Ms. Riya Rani and Ms. Poonam Jamwal also participated in the session with full zest.

The session was conducted by Miss Komal Salgotra, Department of

Computer Application. She focused on how we are currently addressing internet safety and what issues have we faced with the internet, and with devices that have internet capability. The session also focused on the do's and don'ts while having online transactions.

The students of the college enthusiastically participated in the interactive session held in the programme. The teaching and non teaching staff also actively participated in the function

DEPARTMENTAL ACTIVITIES(3)

Session on Password and Mobile Devices conducted by GDC Ramgarh on 22nd January 2022.

My Story- Educational Session on Password and Mobile Devices GDC Ramgarh



NIN NEWS SERVICE RAMGARH, JAN 27

In order to celebrate Cyber Jagrookta (awareness) Diwas for month of January an online discussion My Story- Educational Session on "Password and Mobile Devices" was organized by

Government Degree College Ramgarh. The session focused on the current Authentication problems faced by common people and how the use of a strong password can help people in keeping their information safe and secure

from hackers. The session also focused on How to make your password stronger which will help in keeping the mobile devices protected from the ones who could be a threat to our information.

The event was held under the guidance and direction of Prof. (Dr.) Meenu Abrol, Principal GDC Ramgarh. Speaking on the event she stated that these kinds of activities promote awareness among young as well as adults to keep their information protected from threats.

Students namely Tanu Devi (Semester III), Amanpreet Kour (Semester III), Aditi Bharti (Semester III) participated and interacted with other faculty members in the Discussion with great enthusiasm. Students as well as the faculty members shared their stories regarding the topic and in the process, knowledge was shared among them. The session was conducted by Miss Komal Salgotra, Department of Computer Applications.

DEPARTMENTAL ACTIVITIES(4)

Celebrate Cyber Jagrookta (awareness) Diwas for month of February an online educational session on "Exposure for Problem Identification on "Phishing" was organized by Government Degree College Ramgarh on 8, February 2022.

The session was also helpful for the students in getting aware of the different Phishing attacks that take place through messages, E-mails and other social networking sites.



DEPARTMENTAL ACTIVITIES(5)

Cyber Jagrookta (Awareness) Diwas for month of March a one day Workshop on Microsoft Office was conducted by the Department of Computer Application, Government Degree College Ramgarh, Samba on 3rd March 2022





DEPARTMENTAL ACTIVITIES(6)

Under the able guidance of worthy Principal of college Prof. (Dr.) Meeru Abrol the NSS unit Prabha, Government Degree College Ramgrah organized a visit to adopted school, Government High School Swankha on 13th May 2022. The visit was organized to spread awareness among students of classes 9 and 10 about various cyber-crimes and solutions to protect systems from such cyber-attacks.

Cyber security is the application of technologies, processes and controls to protect systems, networks, programs, devices and data from cyber-attacks. It aims to reduce the risk of cyber-attacks and protect against the unauthorized exploitation of systems, networks and technologies.

"CYBER JAAGRUKTA (AWARENESS)"

advancements and emphasized the necessity of basic knowledge and awareness to the internet users where confidential information is being accessed over the internet. He further discussed various types of cyber-crimes. The students were also enlightened about the different motives of cyber-crimes in the digital world with emerging technologies. Dr. Bashir also talked about various banking threats and provided some suggestions for safe financial transactions. He also emphasized on the necessity of technical knowledge, need of cyber security, some safety tips and some preventive developments to tackle cyber-crimes.

Dr. Pinkey Kaur also interacted with the students and said that Cyber Security is a global threat. She further said that the global cyber threat continues to evolve at a rapid pace and for that we need such type of interactive sessions for the young generation, in particular so that we can overcome it. Dr. Meeru Abrol, Principal GDC Ramgrah, headed the session of the NSS Unit by bringing awareness among the students of the locality and congratulated the team for organizing the maiden visit to the adopted school successfully.

NEWS SERVICE
RAMGRAH, MAY 13
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Dr. Bashir Lal Programmer Officer NSS said that the massive growth of the internet and dependence on it is exposing us to newer and lethal cyber threats. Everyone who is connected to the internet needs cyber security. This is because most cyberattacks are automated and aim to exploit common vulnerabilities rather than specific weakness in organizations.

Dr. Bashir Ahmad Sheikh, member of NSS unit introduced the very prevalent threats in our modern day to day life i.e. 'Cyber-Crime' in context to the recent technological

DEPARTMENTAL ACTIVITIES(5)

Extension lecture on “Cyber Threats” conducted by Department of Computer Application in collaboration with NSS unit Prabha of GDC Ramgarh on 12th July 2022

Extension Lecture on “Cyber Threats”

EARLY TIME REPORT

JAMMU, July 12: Department of Computer Application in collaboration with NSS Unit Prabha of Government Degree College Ramgarh, organized Extension Lecture on “Cyber threats”. The programme was organized under the able guidance of Prof. (Dr.) Meeru Abrol, Principal of the college.

In the outset of the programme, Welcome Address was delivered by Programme Officer Dr. Shamsher Lal also put forth his views on cyber-crimes. He said that the massive growth of the internet and dependence on it is exposing us to newer and lethal cyber threats.

Ms. Minakshi Sharma, Department of Computer Application was a Resource Person and she introduced the very prevalent in our modern day to day life i.e. “Cyber Threats”. She said that Cyber threats also refer to the possibility of a successful cyber



A view of gathering.

attack that aims to gain unauthorized access, damage, disrupt, or steal an information technology asset, computer network, intellectual property or any other form of sensitive data. Cyber threats can come from within an organization by trusted users or from remote locations by unknown parties.

Principal of the college, Prof. (Dr.) Meeru Abrol addressed the gathering and said that Cyber security is a global threats as well as an

opportunity and our objective is to achieve genuine prosperity and progress for the nation as well as global. She further said that the global cyber threat continues to evolve at a rapid pace and for that we need such type of interactive session for students and public at large.

The formal vote of thanks was given by Dr. Ekta Rani, department of Hindi. Last but not the least, all the participants gave patient listening to make this Lecture successful.

GDC Ramgarh organized Extension Lecture on “Cyber Threats”

NEN NEWS SERVICE
RAMGARH, JULY 12

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Extension Lecture on “Cyber Threats”

Earth News Service

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FUTURE VISION

FutureVision

unlimited steps

- To encourage entrepreneurial environment and nurture innovative ideas.
- To provide skill based knowledge to the students about the state of the art trends and technologies in Computer Applications.
- To produce a new generation of Computer Application Professionals by providing the latest education recognized worldwide for excellence backed by extensive research and make them a better human being



thank
you!

“We’re changing the world with technology.”

— Bill Gates