



## Rajeev Gandhi Govt. Post Graduate College, Ambikapur (C.G.) Department of Computer Science

### REPORT ON DEPARTMENTAL ACTIVITIES AND EVENTS

(Session:2023-2024)

- Department of Computer Science organized outreach program on “**Digital Literacy in Rural Area**”: Visit to Mahaveerpur Village, Dist. Surajpur on **21<sup>st</sup> December 2023**. Total 50 students of B.Sc-V semester and B.C.A- V semester participated in the activity. In today’s digital world computer literacy in rural area is the need of the hour to ensure that rural populations are not left behind. Computer education helps to bring changes in both qualitative and quantitative aspect of rural life style. It paves the path for growth in various fields like Education, Employability, Agriculture, Healthcare improvement, Women Empowerment and Community development. With this aim in mind students were divided into group of 10 members each and sent to demonstrate about various mobile applications –Online payment system, Banking Apps, Online Land Registration and Agriculture.

## कम्प्यूटर साक्षरता सिर्फ एक कौशल नहीं बल्कि एक आवश्यकता है-प्राचार्य उल्ला

अंबिकापुर/ संवाददाता

आज की दुनिया पर कंप्यूटर और उनके अनुप्रयोगों का बोलबाला है। जीवन के सभी क्षेत्रों के लोग प्रतिदिन कंप्यूटर का उपयोग करते हैं, चाहे वे कार्यालयों हों, अस्पतालों हों, या यहाँ तक कि घर पर भी हों। परिणामस्वरूप, कंप्यूटर चलाने में सक्षम होना शिक्षण और अनुसंधान सहित विभिन्न व्यवसायों में एक आवश्यक कौशल बन गया है। इसी कड़ी में राजीव गांधी शासकीय स्नातकोत्तर महाविद्यालय अम्बिकापुर के कम्प्यूटर साईंस एवं एप्लीकेशन विभाग द्वारा प्राचार्य डॉ रिजवान उल्ला के मार्गदर्शन में सामाजिक दायित्वों के अंतर्गत सामाजिक सरोकारों से जुड़ा हुआ तकनीकी कौशल एवं जागरूकता से संबंधित गतिविधियाँ संचालित की गई। इसके तहत श चेतन कुमार विभागाध्यक्ष कम्प्यूटर एप्लीकेशन एवं सुश्री मोनिका खेसस विभागाध्यक्ष कम्प्यूटर साईंस के नेतृत्व में सरगुजा एवं सूरजपुर जिला का



समीपवर्ती ग्राम महावीरपुर में बी सी ए एवं बी. एस. सी(सी एस) पंचम सेमेस्टर के छात्र-छात्राओं द्वारा ग्राम के लगभग 90 घरों में समूहवार पहुँच कर कम्प्यूटर साक्षरता के विभिन्न पहलुओं से अवगत कराया गया। छात्र-छात्राओं के द्वारा आधार अपडेशन, वोटर आईडी, ड्राइविंग लाइसेंस, भूमि संबंधी विभिन्न दस्तावेज, फ़ोन पे, गूगल पे, ऑनलाइन ठगी, साइबर सुरक्षा, चैट जीपीटी, आर्टिफिशियल इंटेलिजेंस इत्यादि के बारीकियों को घर के प्रमुख सदस्यों के सामने परिवार के सभी

सदस्यों को डेमो देकर समझाया गया। इसके साथ ही साथ ग्राम के प्राथमिक शाला में उपस्थित सभी छात्र-छात्राओं को विभाग के छात्रों द्वारा कम्प्यूटर के उपयोगिता एवं आवश्यकता पर प्रकाश डाला गया। इस अवसर पर ग्राम सरपंच वीर बहादुर राम एवं अन्य जनप्रतिनिधियों के साथ विभाग के शिक्षक सर्वेश पांडेय, श्री शशांक विश्वकर्मा, श्रीमती कृतिका सिन्हा, श्रीमती पूजा मिश्रा, सुश्री प्रिया पांडेय, अनुभव श्रीवास्तव, सुश्री रानी चौरसिया, भूषण प्रताप धैर्य उपस्थित होकर अपना सहयोग प्रदान किया।



Outcome: This digital awareness activity helped the rural community to bridge the technology gap and life style. The villagers were benefited from the demonstrations delivered by the students. Also Students were highly encouraged and motivated through such teaching learning activity in rural community.

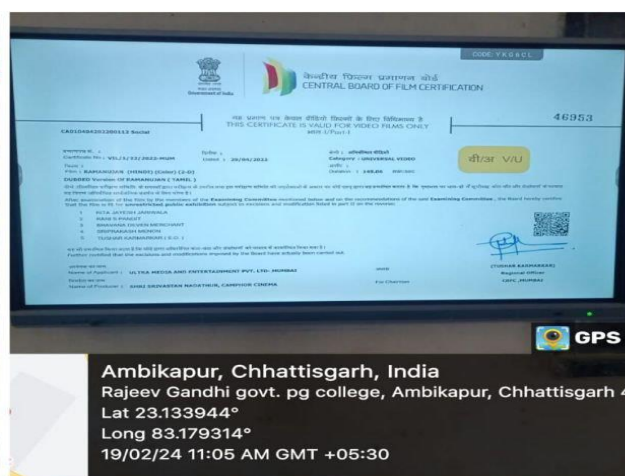
➤ **National Science Day Celebration 06-28 February 2024:** The Department of Computer Science celebrated National Science Day on 28<sup>th</sup> February 2024 with the theme **“INDIGENOUS TECHNOLOGIES FOR VIKSIT BHARAT”** along with other Science Departments (Physics, Chemistry, Mathematics, Zoology and Botany). The programme schedule is give below:

#### Program Schedule

S. No.	Name of Activity	Date	Conducting Department
1.	Science Talk	09/02/2024	Department of Mathematics
2.	Science & Technology Quiz	12/02/2024	Department of Physics
3.	Science Project Making Competition	15/02/2024	Department of Botany

4.	Science & Technology Exhibition	17/02/2024	Department of Zoology
5.	Screening of Scientific Film	19/02/2024	Department of Computer Science
6.	Vigyan Utsav & Science Day Celebration	28/02/2024	Department of Chemistry

On **19/02/2024** Department of Computer Science organized the activity of screening scientific Film- **“Ramanujan”** for students and faculty members.



Conclusion:The screening of scientific film is an effective medium for science communication and creating interest in science among young people. The screened film described the life of Indian Scientist and his immense contribution through the entire life. The film left board impact on the viewers.

- Department of Computer Science organized Industrial Visit (Interdisciplinary) to Maa Mahamaya Sugar Factory Kerta, Block- Pratappur Dist. Surajpur C.G. for M.Sc.-I semester Computer Science students on **4<sup>th</sup> December 2023**. The students got the opportunity to learn and explore the whole process of sugar manufacturing and management. Students were greatly benefited from on-site learning experience.



Industrial Visit (Maa Mahamaya Sugar Factory, Kerta Surajpur)

- The Department of Computer Science and Application organized Lecture on "**INTERNET OF THINGS (IOT)**" topic under AWARENESS OF TRENDS IN TECHNOLOGY on **20/05/2024**. Mrs. Kritika Sinha, Assistant Professor, Department of Computer Application delivered very effective lecture on the topic. Total 89 Students of Classes B. Sc-II semester and B.C.A-IV semester were taught about basics of Internet of Things and its applications in Health care Services.



**Outcome:** Students were made known how integration of IOT technology in health care industry is enhancing the services and benefiting the patients.

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## Department of Computer Science

### REPORT ON DEPARTMENTAL ACTIVITIES AND EVENTS

(Session: 2022-2023)

- Department of Computer Science and Application organized Techno~Fest programme on the occasion of World Computer Literacy Day on 2<sup>nd</sup> December 2022 in College Auditorium. The objective of celebrating this day is to promote the general awareness about computers and motivate everyone globally towards the use of technology in today's digital age.

**RAJEEV GANDHI GOVT. POST GRADUATE COLLEGE, AMBIKAPUR (CG)**  
Affiliated to Sant Gahira Guru Vishvavidyalaya, Ambikapur Surguja (CG)  
**(World Computer Literacy Day: 02 Dec 2022)**  
(Organise By Department of Computer Science & Application)

**TECHNO-FEST : 02 DEC 2022 TIME 11:00 AM**

**Inaugural Ceremony**

<b>Chief Guest</b>  <b>Dr. S. S. Agrawal</b> Principal Rajeev Gandhi Govt. Post Graduate College Ambikapur, (CG)	<b>Convener</b>  <b>Mr. Chetan Kumar</b> Head of Department Computer Application RPGC College, Ambikapur	<b>Co-convener</b>  <b>Miss. Monika Xess</b> Head of Department Computer Science RPGC College, Ambikapur
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**Programme Details:**  
**Inaugural Session:**  
1. Saraswati Vandana  
2. Chhattisgarh Rajya Geet  
3. Welcome Address  
4. Inaugural Address by Guests  
5. Seminar (Only One)  
6. Events Visit

**Technical Session:**  
1. Tech-Quiz  
2. Seminar (Remaining)  
3. Role Play  
4. Result  
5. Issue Certificate  
6. Vote of Thanks

**Events :**  
• Tech-Quiz  
• Color-Tech  
• Tech-paint  
• Seminar

**Program Presenter**  
  
**Dr. Umesh Ku. Pandey**  
  
**Smt. Pooja Mishra**

**Organizing Committee & Technical Expert**  
  
  
  
  
  
**Smt. Kritika Sinha, Mr. Shasank Vishvakarma, Mr. Anubhav Shrivastava, Miss. Rani Chourasia, Mr. Sarvesh Pandey**

## कंप्यूटर अनुप्रयोगों के एक स्तर तक का ज्ञान सभी संकाय के विद्यार्थियों को होनी चाहिए

राजीव गांधी शासकीय स्वसारी स्नातकोत्तर महाविद्यालय अंबिकापुर के कंप्यूटर साइंस एवं एप्लिकेशन विभाग द्वारा विश्व कंप्यूटर साक्षरता दिवस पर महाविद्यालय के प्राचार्य डॉ. एस. एस. अग्रवाल के मुख्य आतिथ्य में कंप्यूटर एप्लीकेशन विभाग के विभागाध्यक्ष श्री चेतन कुमार एवं कंप्यूटर साइंस विभाग की विभागाध्यक्ष सुश्री मोनिका खेस के संयोजन में और डॉक्टर उमेश कुमार पांडेय व श्रीमती पूजा मिश्रा के संचालन में टेक्नो-फेस्ट 2022 का आयोजन महाविद्यालय के ऑडिटोरियम में आयोजित किया गया था इस आयोजित विविध प्रतियोगिताओं में सहभागी प्रतियोगी एवं स्थान प्राप्त विद्यार्थियों को महाविद्यालय के प्राचार्य के द्वारा प्रमाणपत्र व प्रशस्ति पत्र आज दिनांक 02/12/2022 को किया गया। इस अवसर पर महाविद्यालय



के प्राचार्य डॉक्टर एस. एस. अग्रवाल ने अपने संबोधन में विश्व कंप्यूटर साक्षरता दिवस को एक नए अंदाज में मनाने और बेहतरीन संयोजन के लिए कंप्यूटर साइंस एवं एप्लिकेशन के विद्यार्थियों एवम विभाग के प्राध्यापकों को शुभकामनाएं प्रेषित करते हुए कहा की आज के समय में न केवल कंप्यूटर साक्षरता की जरूरत है बल्कि इनके वर्तमान डेवलपमेंट से

एक स्तर तक का ज्ञान सभी संकाय के विद्यार्थियों को होनी चाहिए। टेक्नो-फेस्ट 2022 कार्यक्रम का प्रारंभ कंप्यूटर साइंस एवं एप्लिकेशन विभाग के छात्राओं द्वारा मां सरस्वती वंदना एवं छत्तीसगढ़ राज्य गीत को प्रस्तुति एवं कार्यक्रम के संयोजक श्री चेतन कुमार के स्वागत संबोधन के साथ किया गया। कार्यक्रम के आयोजन में कंप्यूटर हार्डवेयर,

नेटवर्क, सॉफ्टवेयर, सोशल मीडिया एवं अनुप्रयोगों पर आधारित रंगोली, चित्रकला, क्रिज, व्याख्यान एवं पोस्टर प्रतियोगिता में भाग लेकर उत्कृष्ट प्रस्तुति दिया गया था। इस आयोजन में प्रस्तुत सभी कार्यक्रम की विद्यार्थियों को प्राचार्य महोदय, प्राध्यापकों और विद्यार्थियों के द्वारा सराहा गया। इस कार्यक्रम में आयोजित प्रतियोगिताओं का

पर्यवेक्षण कंप्यूटर साइंस विभाग के सहायक प्राध्यापकों के द्वारा किया गया जिसमें रंगोली प्रतियोगिता सुश्री रानी चौरसिया, पोस्टर प्रतियोगिता श्रीमती कृतिका सिन्हा, क्रिज प्रतियोगिता श्री अनुभव श्रीवास्तव, व्याख्यान माला प्रतियोगिता सुश्री मोनिका खेस संयोजक रही। साथ ही सफल आयोजन के लिए तकनीकी व्यवस्था, कार्यक्रम को रूपरेखा निर्माण में श्री शशांक विश्वकर्मा एवं श्री सर्वेश पाण्डेय जी का महत्वपूर्ण योगदान रहा। इस आयोजन में बीसवीं तृतीय सेमेस्टर के विद्यार्थियों के द्वारा सोशल मीडिया को प्रदर्शित करने वाला प्रारूप मॉडल सोशल ट्री\* सभी के लिए विशेष आकर्षण और सेल्फी का केंद्र रहा। इस अवसर पर वरिष्ठ प्राध्यापक डॉ. रिजवान उब्बा, डॉ. रमेश कुमार जयसवाल, डॉक्टर

एस. एन. पांडेय, डॉक्टर राजकमल मिश्रा, श्री संजीव लकड़ा ने संबोधित करते हुए विद्यार्थियों का उत्साहवर्जन किया, कार्यक्रम में प्राध्यापक श्रीमती सरोज तिकारी, डॉ. ममता गर्ग, डॉक्टर अनिल सिन्हा, श्री सुनील केरकेट्टा, डॉ. एम. के. मोय, श्री संजीव लकड़ा, श्री माधवेंद्र तिवारी, गीतांजलि, मोहिनी दुबे, श्रीमति गिरजा सिंह, संदीप कुशवाहा के साथ अन्य भी उपस्थित रहे। सफल आयोजन के लिए आवश्यक सहयोग, समय एवं स्थान प्रदान करने के लिए कंप्यूटर साइंस की विभागाध्यक्ष सुश्री मोनिका खेस ने महाविद्यालय प्राचार्य के साथ साथ विभाग के अन्य सभी प्राध्यापक एवं महाविद्यालय के मार्गदर्शक मंडल के सदस्यों के प्रति आभार व्यक्त किया, आयोजन का समापन राष्ट्र गान के साथ किया गया।

जिस में... है। पर... पो... उप... सति... उप... की... मवे... जि... से... इस... दस... कि... उन्... कने... कने...

## TECHNO~FEST Competitions

S. No	Name of Student	Class	Name of Competition	Position
1.	Vinod Ku Gupta	M.Sc.-III semester	Seminar	I
2.	Priyanshu Prajapati	B.C.A-III semester	Seminar	II
3.	Vivek Sharma	B.C.A-III semester	Seminar	
4.	Anjal Lakara	M.Sc. -III semester	Tech~Quiz	Winner
5.	Nawabul Haq	B.C.A-I semester	Tech~Quiz	
6.	Meena Yadav	B.Sc. -I semester	Tech~Quiz	
7.	Nansi Gupta	M.Sc.-I semester	Tech~Quiz	Runner
8.	Suyash Dani	B.Sc. -III semester	Tech~Quiz	
9.	Yashil Dubey	B.C.A-III year	Tech~Quiz	
10.	Shreya Shrivastav	DCA	Color~Tech	I
11.	Mamta Mandal	PGDCA	Color~Tech	
12.	Vaishnavi Vishwakarma	B.C.A-III semester	Color~Tech	II
13.	Palak Goyal	B.C.A-III semester	Color~Tech	
14.	Vishwam Chaudhary	B.C.A-I semester	Tech~Paint	I
15.	Swati Vishwakarma	M.Sc.-I semester	Tech~Paint	II
16.	Harshita Lakara	B.C.A-I semester	Tech~Paint	III
17.	Smita Sharma	B.C.A-III semester	Tech~Paint	

### Glimpse of Events of TECHNO~FEST



Tech~Paint



**Tech-Quiz**



**Certificate Distribution**

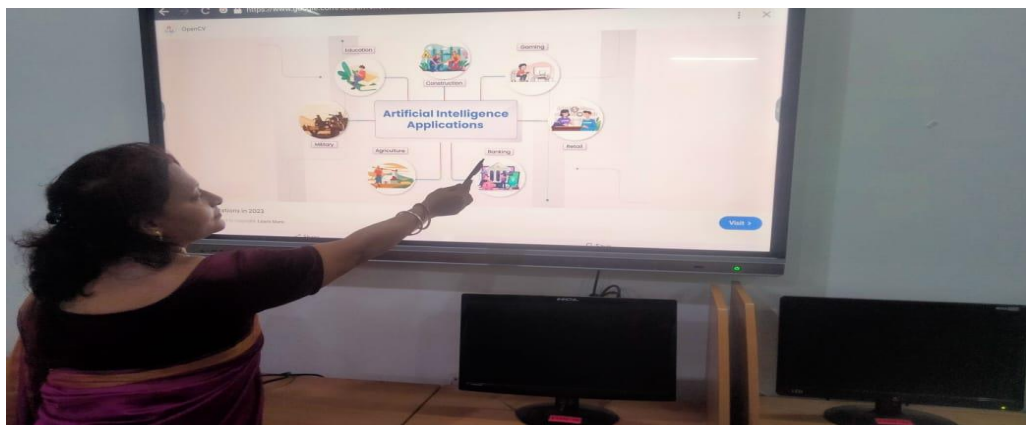
Outcome: The event was a great success and been a source of immense motivation for students of computer science & application department. Students participated actively in each and every event organized. The purpose of celebrating Computer Literacy Day was well fulfilled.



- **Teacher's Day Celebration: On 5<sup>th</sup> September 2022**, Department of Computer Science celebrated Teacher's Day in college garden with students. It was a short and sweet celebration organized by computer science students with cake cutting, speech, gifts distribution.



- The Department of Computer Science and Application organized Lecture on "**ARTIFICIAL INTELLIGENCE**" topic under AWARENESS OF TRENDS IN TECHNOLOGY on **11/10/2022**. Mrs. Pooja Mishra, Assistant Professor, Department of Computer Science imparted very effective sessions on the topic. Students of Classes B.Sc-III semester and B.C.A-III semester were made aware about various application areas of Artificial Intelligence in daily life.



Outcome: Students were enriched in knowledge about current technology trends in the field of Artificial Intelligence.

- **On 18<sup>th</sup> March 2023**, Department of Computer Science organized Guest Lecture on Career guidance for M.Sc. Computer Science students. Dr. Snehlata Barde, Assistant Professor, MATS University Raipur was the Guest Speaker. She guided the students about opportunities after Post Graduation in computer science and also talked about recent trends and technology. She threw light on research field along with job opportunities in Government as well as private sector.



Outcome: It was an interactive session and students were greatly benefited. Students received clear road map for their career opportunities.

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### REPORT ON DEPARTMENTAL ACTIVITIES AND EVENTS

(Session: 2021-2022)

- On **2<sup>nd</sup> December 2021**, as every year department of Computer Science celebrated World Computer Literacy Day with the theme “**Literacy for human-centered recovery: Narrowing the digital divide**”. On this occasion Computer Literacy Awareness Quiz was organized for students of the Computer Science and Computer Application department.

#### Computer Literacy Day (Quiz Completion)

S.No.	Name of Student	Class	Position
1.	Vinod Kumar Gupta	M.Sc. –I semester	I
2.	Hari Narayan	B.C.A –III year	II
3.	Rakesh Soni	B.Sc.-II year	III

Outcome: The programme gave students exposure to learn and enhance their talents and spread computer literacy to the people among society.

- Department of Computer Science organized Industrial Visit (Interdisciplinary) to Button Mushroom Center Ambikapur, C.G. for M.Sc.-II semester Computer Science students on **20<sup>th</sup> January 2022**. The students got the opportunity to learn and explore the whole process of growing button mushroom and its business perspective. Students were greatly benefited from on-site learning experience.



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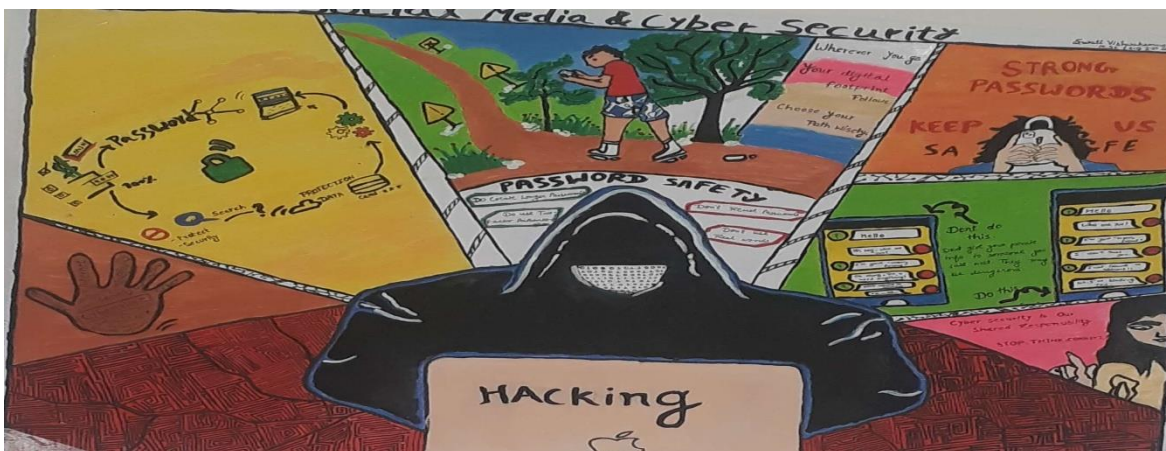
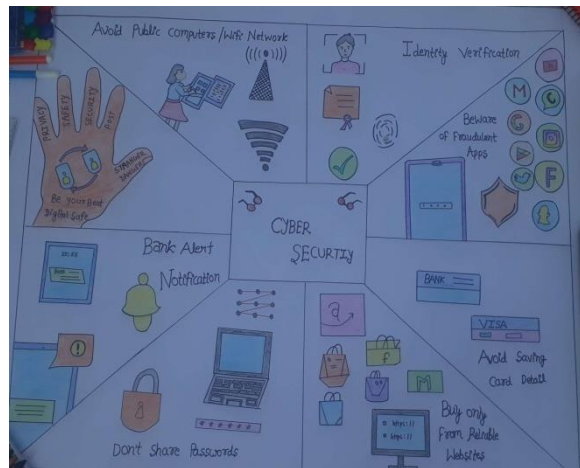


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### REPORT ON DEPARTMENTAL ACTIVITIES AND EVENTS

(Session: 2020-2021)

- Department of Computer Science celebrated National Computer Security Day on **30th November 2020**. With advancement in technology and raised living standards, computers have become the part of individuals daily life which helps to stay connected. In this awareness programme Computer Science Department organized Poster making competition for students of B.Sc. and M.Sc. Computer Science. Also the general computer security awareness points were discussed which includes - Enabling Windows Update, installing Anti Virus Software, Windows Firewall is on, Keeping all software updated, Using Strong Password, making home wireless network secure, back-up of important data and so on.



Outcome: Students participated actively and were enriched and motivated towards awareness of computer security. They understood the need and importance of keeping computers safe and secure both offline and online mode.

- National Science day was celebrated on **28<sup>th</sup> February 2021** with the theme **“Future of STI (Science, Technology and Innovations): Impact on Education, Skills and Work”**. Through this programme students were encouraged to work towards innovations and research.



**RAJEEV GANDHI GOVT. POST GRADUATE COLLEGE AMBIKAPUR, CHHATTISGARH**

**Department of Computer Science**



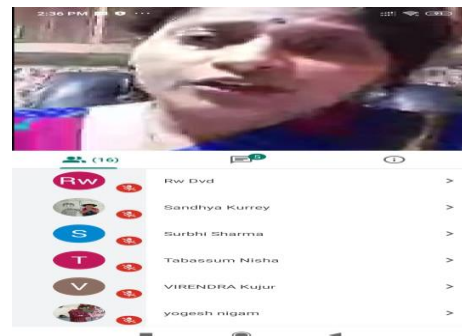
*celebrates*

**NATIONAL SCIENCE DAY**

**28<sup>th</sup> February 2021**

**Theme- “Future of STI : Impact on Education, Skills and Work”**

- On **5<sup>th</sup> April 2021** Department of Computer Science conducted online lecture session on topic- **“Awareness of ICT Tools”**. Mrs. Pooja Mishra, Assistant Professor, Department of Computer Science delivered very effective lecture on the topic. Students of B.Sc. III year were taught about various ICT tools and their applications in various fields.



**Outcome:** Session helped the students to enhance their knowledge in the information and communication technologies. During the pandemic COVID-19 digital world has paved its path to connect the world together and also new era with new dimensions of learning process is introduced. In such scenario role of ICT tools and technologies have gained its importance.

HOD  
Department of Computer Science

Principal  
Rajeev Gandhi Govt. P.G. College  
Ambikapur (C.G.)



## Rajeev Gandhi Govt. Post Graduate College, Ambikapur (C.G.) Department of Computer Science

### REPORT ON DEPARTMENTAL ACTIVITIES AND EVENTS

(Session: 2019-2020)

- Rural outreach program was organized for students of B.Sc. III-year Computer Science on 18<sup>th</sup> October 2019. Students were given opportunity to visit village named Chathirma of Surguja District C.G. and identify the social and economic living standards of the rural population. Students ran the awareness program against child marriage among the villagers and also identified their problems.



Outcome: Social outreach was a learning experience for the students to gain practical exposure towards rural society, understand their problems and analyze the opportunities for improving their life style.

- Computer Science Department Celebrated World Computer Literacy Day on **2<sup>nd</sup> December 2019**. Following events were organized on the occasion:

S. No.	Date & Time	Name of the event/program	Participating Class
1.	02/12/2019 10:00 am to 11:30 am	Rangoli Competition (Theme- social media)	B.Sc. I, II, III year (Computer science)
2.	02/12/2019 11:30 am to 1:30 pm	Handson Session on Internet and Email Usage	B.A -I year



**Hands On Session (Internet & Email Usage)**





**Rangoli Competition (Theme- Social Media)**

- Computer science Department celebrated National Science Day on **28<sup>th</sup> February 2020** with **“WOMEN IN SCIENCE”** as the theme of the programme. Every year on February 28, we celebrate National Science Day to mark the discovery of the 'Raman Effect' by Indian scientist and physician C V Raman. The purpose of celebrating this day is to build the scientific mindset and awareness about the applications of science in everyday life.

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