



Government Bilasa Girls P. G. College Bilaspur (C. G.)

Internal Quality Assurance Cell (IQAC) REPORT 2021-2022

The academic year 2021-2022 began from June 2021, due to the CoVID 19 pandemic teaching learning and evaluation conducted online during odd and even semesters.

The IQAC members met virtually on the google meet platform held on 25th August 2020, 28th November 2020, 30th March 2021, and 21st May 2021, to plan for the year ahead, review the NAAC process, and other achievements.

The first wave of the pandemic hit India in March 2020 that led to a nationwide lockdown for almost six months. A much more aggressive second wave in March 2021 brought the state of Chhattisgarh to a stand-still. The online admissions for FY, SY, TY and PG-I were done as per the government recommendations. The academic year for these students began virtually from October 2021. The final semester students of UG and PG of the 2020-2021 batch appeared for online examinations.

The admissions for the FY and PG-1 were completed through online counselling in the months of August- September. Google Meet and Zoom platforms were used for lectures, practical sessions, webinars, workshops, and other academic interventions. Virtual labs and videos to demonstrate various experiments were used and wherever possible short experiments were done at home, filmed, and played during the practical sessions. Google forms was used for online formative and summative assessments.

New Academic programs

Many new programmes were ratified by the Academic Council. However, NEP was deferred to the next academic year 2022-23. The three programmes started in this academic year were B.Sc. Microbiology, B.Sc. Biotechnology, and M.Lib.

Activities/Initiatives/Updates:

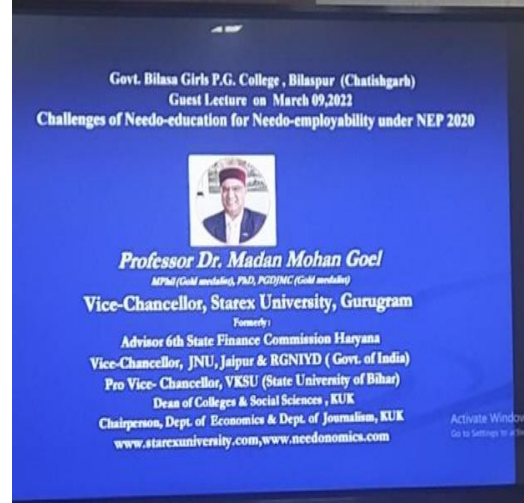
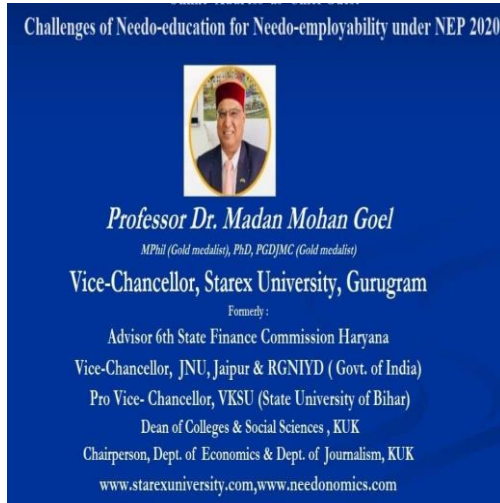
- AQAR 2020-2021 was uploaded and submitted.
- The website work for all departments is completed. All policy documents are finalized and uploaded on the college website.
- To facilitate the process of data and proof collection, seven subcommittees were instituted, one for each criterion for the compilation and submission.

Teaching plans:

- Teaching plans were submitted by the Departments for both the odd and even semesters.

Capability Building: Workshops/Webinar/Seminar

1. A Lecture on NEP was conducted so that teachers were equipped to transfer the knowledge to students. Dr.M.M.Goel, Vice Chancellor, StarEx University delivered a talk on NEP.



2. Anti-plagiarism - A training session for effective use of Originality Checker and assessment tool was conducted for the teaching staff.



3. A lecture on Gender sensitization was conducted for all faculty and students where the speaker gave insights about the legal aspects.



अटल बिहारी वाजपेयी विश्वविद्यालय बिलासपुर से सम्बद्ध शासकीय बिलासा कन्या स्नातकोत्तर महाविद्यालय बिलासपुर की राष्ट्रीय सेवा योजना इकाई क्रमांक 7 के तत्वाधान में पुलिस प्रशासन बिलासपुर की रक्षा टीम के द्वारा महिलाओं, बच्चों एवं छात्राओं की सुरक्षा हेतु अभिति व्याख्यान के माध्यम से सुरक्षा ऐप अभिव्यक्ति डाऊनलोड कराया गया एवं अन्य जानकारी दी गयी। कार्यक्रम की मुख्य अतिथि श्रीमती दुर्गा किरण पटेल उपस्थित हुईं। विशिष्ट अतिथि के रूप में सुश्री मंजुलता आरक्षक, श्रीमती हेमलता पाण्डेय, आरक्षक श्री प्रमोद साहू उपस्थित हुये। डॉ. फ्योतिरानी सिंह प्राचार्य द्वारा वर्तमान सामाजिक परिवेश में पुलिस प्रशासन कि जिम्मेदार एवं मित्र वत तथा सहयोगी भूमिका का उल्लेख किया गया। कार्यक्रम में डॉ. मंजू मांथुरी बजाबाई डॉ. अंजलि शर्मा डॉ. तारनीश गीतम डॉ. संगीता शुक्ला सुश्री दामिनी निर्मलकर डॉ. साजिया अली आदि प्राध्यापक एवं छात्राएं उमा पटेल फिरदौस कुरैशी, साक्षी श्रीवास्तव सहित बड़ी संख्या में छात्राएं उपस्थित रही।

●बाल संरक्षण एवं बाल विकास●









राष्ट्रीय सेवा योजना, राजनीति विज्ञान विभाग एवं समाज शास्त्र विभाग के संयुक्त तत्वाधान में 'बाल संरक्षण एवं बालिका विकास' विषय पर परिचर्चा एवं नृत्य नाटिका का आयोजन किया गया था जिसमें बड़ी संख्या में छात्राओं की उपस्थिति थी। इस कार्यक्रम में डॉ. एस एल निराला, डॉ. मंजू माथुरी बाजपाई रा.से.यो. इकाई 7 की कार्यक्रम अधिकारी, डॉ. सीमा पांडेय, डॉ. अंजली शर्मा, डॉ. आनंद यादव के साथ अन्य प्राध्यापक उपस्थित थे। इस कार्यक्रम को सफल बनाने में अभिलाषा थापा, सपना सोनी, फिरदौस कुरैशी, उमा पटेल, साबरीन खातून का महत्वपूर्ण सहयोग रहा।

4. A state level Conference on "Challenge of Women in 21st Century" was conducted to celebrate the International Women's Day. The members of the Alumnae Association delivered the lecture.

One Day
State Level Conference
"Challenge of Women in 21st Century"
On the occasion of
International Women's Day
Date: 07/03/2022 Time: 2 p.m. to 5 p.m.

Our Speakers

 Dr. Gaun Dulla, Senior Gynaecologist, Bilaspur	 Mrs. Hamida Siddiqui, Dy. Advocate General, Chhattisgarh High court, Bilaspur	 Mrs. Vija Gowarshan, President, Senior Citizen Association and Bhaghi Mendel, Bilaspur
 Dr. Jyoti rani singh Patron and Principal	 Dr. Satyabhama Awasthi President Alumnae Association Convener	 Dr. Madhulika Sinha Coordinator, IGAC

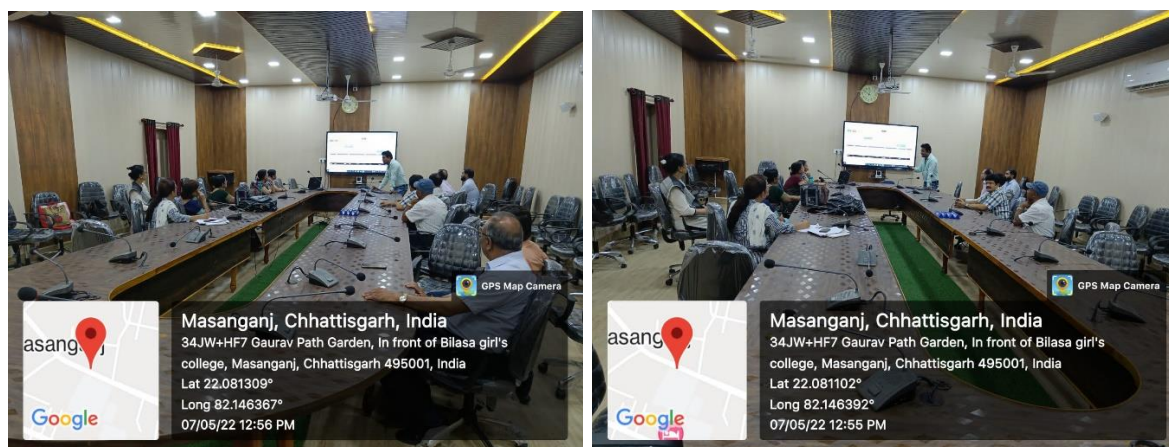
Jointly Organised by
Alumnae Association
&
IGAC
Govt. Bilasa Girls
P.G. College, Bilaspur

Organizing Committee
Dr. V. K. Sharma, Professor, Economics
Dr. D. D. Kashyap, Professor, Geography
Dr. A. P. Goswami, Professor, Physics
Dr. Ramesh Pandey, Professor, Commerce
Dr. B. K. Choudhary, Librarian, Central Library

Venue : Auditorium, Govt. Bilasa Girls' P.G.
Autonomous College, Bilaspur (C.G.)



5. Two- Day Workshop/Training program was organised to redesign, update the data and automation of the college website. Mr. Rajkumar Patra Technical head explained the technical issues and to update the data.



For the Non-teaching staff:

A webinar for non-teaching staff on Lifestyle diseases was conducted by the Department of Home Science and Biochemistry to explain the importance of following a healthy lifestyle habit.

IQAC ACTIVITY REPORT 2021-22

This report includes the activities conducted by the IQAC of Govt. Bilasa Girls' College (Autonomous), Bilaspur during the academic year 2021-22.

Activities of the IQAC Academic and Administrative Audit

The IQAC functions dedicatedly towards the betterment of the institution in all respects. To ensure the quality and systematic functioning of the departments and the administrative section, an internal academic and administrative audit has been proposed by the IQAC. Internal audit teams members were constituted and the academic audit was conducted from 24th to 26th April 2022. The audit team visited the departments and verified the documentation and activities of the departments.

Submission of AISHE data 2021-2022

The data for All India Survey on Higher Education for the year 2021-2022 conducted by the higher education department, Ministry of Education, Government of India on 16th January 2023.

Submission of AQAR 2020-2021

The Annual Quality Assurance Report (AQAR) for the academic year 2020-21 has been submitted to NAAC on 20th July 2022 by the IQAC coordinator.

Activities conducted under the AQAR criteria Curricular Aspects

The curriculum team of IQAC works towards ensuring a vision-driven curriculum, assuring quality in curriculum design and restructuring of syllabuses based on feedback from

stakeholders. The institution, under the leadership of IQAC, envisages formulating an Outcome Based Education (OBE) for all the programmes offered according to UGC guidelines.

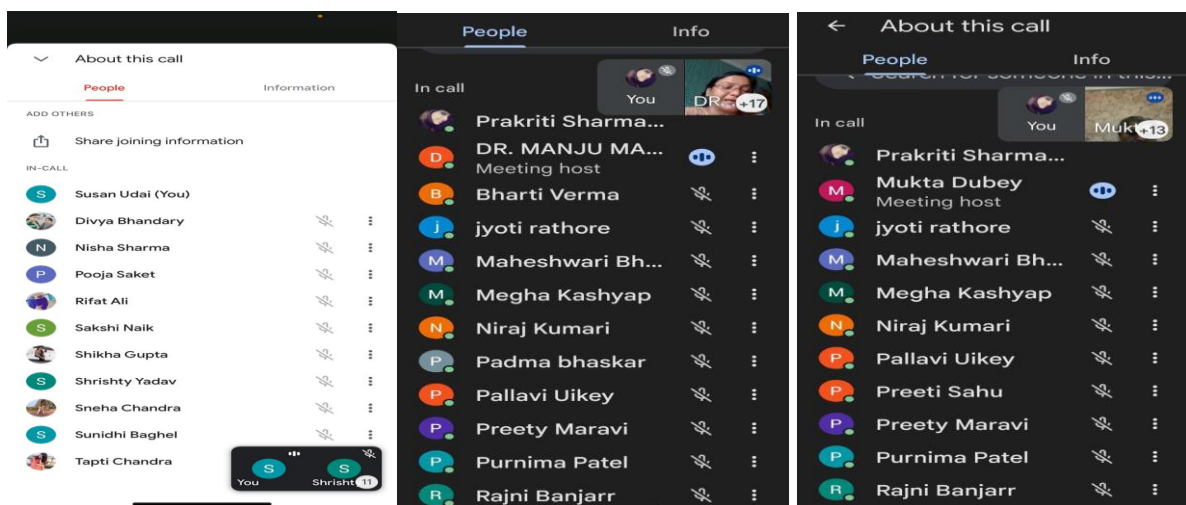
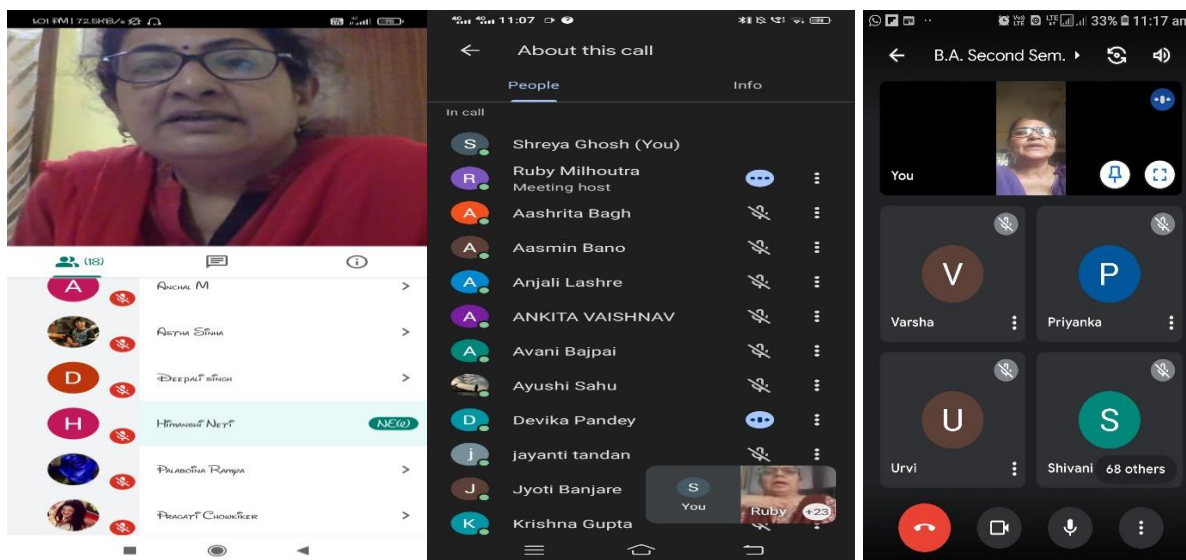
MoU

Memorandum of Understanding was signed between the Department of Mathematics, Government Bilasa Girls' P.G. College Bilaspur and the Department of Mathematics C M Dubey Post Graduate College Bilaspur (C.G.)

Memorandum of Understanding was signed between the Department of Sanskrit, Govt. Bilasa Girls' P.G. College Bilaspur (C.G.) and the Department of Sanskrit, Govt. Kirodimal Arts and Science College Raigarh (C.G.)

Teaching – Learning

Many faculties of the college have used power point and ICT as teaching tools. The objective is to support and motivate students on Basic Computer Skills, to prepare and present seminars and projects in power point. Faculty members have contributed in online classes.




E-Content: Faculty members prepared video lectures for the students - Dr.Sangeeta Shukla, department of Geography.



Innovation by Faculty Members



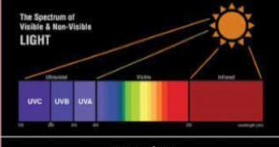


Fight with Corona Virus Using Light of Ultra Violet
(Bilasa UV Sanitizer Chamber)

Designed By
Mr. Kamlesh Thakkar, Assistant Professor, department of physics

Introduction

Ultraviolet (UV) radiation covers the wavelength range of 100-400 nm, which is a higher frequency and lower wavelength than visible light. UV light has been used as a means to kill germs like bacteria and viruses. UV radiation comes naturally from the sun, but it can also be created by artificial sources used in industry, commerce and recreation.



Types of UV

There are several types of UV light. They're classified according to energy level they have. The UV region covers the wavelength range 100-400 nm and is divided into three bands:

- UVA (315-400 nm)-**
Lowest amount of energy.
When you're out in the sun, you're mainly being exposed to UVA light.
- UVB (280-315 nm)-**
sits in the middle of the UV light spectrum.
contributes to sunburns and causes most skin cancers.
- UVC (100-280 nm)-**
Uvc has the most energy.
Most effective at killing germs.
Used to disinfect surfaces, air, and liquids.
We're not normally exposed to it on a daily basis

Precaution

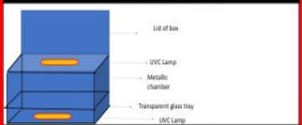
There are some risks using UV light for using it at home:
Exposure to some types of UVC light can damage your skin or eyes.
The types of UVC light lamps sold for at-home use are often lower in intensity. That means it may take a longer time to kill germs.
UVC light lamps can potentially contain mercury or produce ozone, both of which can be harmful to humans.

Objective of the present work

A recent study in the American Journal of Infection Control (AJIC) investigated using UVC light to kill large amounts of the new coronavirus in liquid cultures. The study found that UVC light exposure completely inactivated the virus in 9 minutes. Another study, also published in the AJIC, looked at using a specific type of UVC light to kill SARS-CoV-2 on laboratory surfaces. The study found that the UVC light reduced the live coronavirus by 99.7 percent in 30 seconds.

In this work, we'll explore how UV light is used to kill germs, how effective it is at eliminating the new coronavirus, and more. Far-UVC light is found damaging to germs but is less of a hazard to your skin and eyes than other types of UVC light. A wavelength of 222 nm UVC cannot penetrate the outer, non-living layer of the human eye and skin so it won't cause harm to the living cells beneath. This makes it a safer but equally potent alternative to the more damaging 254 nm UVC germicidal lamps increasingly used in disinfecting healthcare facilities. Since 254 nm UVC harms exposed human tissues, it can only be used to sanitize empty rooms. But 222 nm UVC can be a promising disinfection system for recent public spaces including hospitals.

Construction



How to use

To use this box, first of all, open the top lid of chamber by wearing the gloves in your hands, place the item on which the tray will appear, place any item on it to sanitize and then close the lid. Turn it ON for five to seven minutes and after that you will see that whatever is placed inside, it will be completely sanitized.

Conclusion

Different studies, published in the journal and Scientific Reports, explored using far-UVC light to kill two coronaviruses, 229E and OC43 can cause the common cold in humans. Based off their results with these viruses, researchers estimated that far-UVC light could kill 99.9 percent of airborne coronaviruses. We believe that these findings would extend to SARS-CoV-2 as well.

Student Development Programmes

Awareness campaign was organised with the objective of providing people belonging to rural areas from Covid – 19 prevention and vaccination.

● कोरोना के बचाव ● 01/01/2021



राष्ट्रीय सेवा योजना छग और युनिसेफ के संयुक्त तत्वाधान में ब्लू ब्रिगेड अभियान के तहत शासकीय बिलासा कन्या स्नातकोत्तर महाविद्यालय बिलासपुर के रा.से.यो. के स्वयंसेविकाएँ द्वारा इंडु चौक में नुक्कड़ नाटक के माध्यम से कोरोना के बचाव सम्बंधित जागरूक किया गया। जिसमें महाविद्यालय की कार्यक्रम अधिकारी डॉ. मन्जु मांथुरी बाजपाई एवं कार्यक्रम समन्वयक डॉ. मनोज सिन्हा के मार्गदर्शन से पूर्ण किया गया।

#Cleanness Workshop#



26/10/2021

Under the aegis of Atal Bihari Vajpayee University, D.L. s. A one-day cleanliness workshop was organized in the college, in which a large number of students of the college were present.

●● Fit india freedom 2.0 ●●

28/08/2021



अटल बिहारी वाजपेयी विश्वविद्यालय के अंतर्गत नेहरू युवा केंद्र में आजादी का अमूल महोत्सव fit india freedom 2.0 का कार्यक्रम आयोजित हुआ था जिसमें महाविद्यालय के nss की छात्राएं भाग ली

NSS / NCC CAMP



Commemorative Day Celebrations



शासकीय बिलासा कन्या स्नातकोत्तर महाविद्यालय बिलासपुर में कोरोना प्रोटोकॉल का पालन करते हुए युवा दिवस का आयोजन किया गया डॉ. एस. एल. निराला जी प्राचार्य महोदय द्वारा स्वामीविवेकानंद जी को माल्यार्पण एवं टिका लगाकर उनके द्वारा विश्व स्तर पर भारतीय संस्कृति के गौरव शाली परम्परा का परिचय देते हुए विश्व में भारत की एक अलग पहचान बनाने संबंधी योगदान का उल्लेख करते हुए समाज एवं राष्ट्र में उनके योगदान पर प्रकाश डाला गया डॉ. मंजू माधुरी बाजपेयी कार्यक्रम अधिकारी राष्ट्रीय सेवा योजना इकाई क्रमांक एक द्वारा राष्ट्रीय सेवा योजना के प्रेरणा पुरुष स्वामी विवेकानंद जी के जन्मदिवस पर छात्राओं को सम्बोधित करते हुए उनके द्वारा बतलाये मार्गपर चलने हेतु प्रेरित किया डॉ. रमेश पाण्डेय विभागाध्यक्ष वाणिज्य संकाय द्वारा स्वामीविवेकानंद जी के संबंध में छात्राओं से पश्चोत्तर कर उनका सामान्य ज्ञान बढ़ाया गया इस अवसर पर सौम्या त्रिपाठी, वंशिका ठाकुर, नम्रता संत खेमलता पटेल, नूतन ध्रुव चित्रबिन्दु आंगरे आदि छात्राएं उपस्थित थीं।

Rally Program

02/10/2021



On the occasion of Mahatma Gandhi Jayanti and Lal Bahadur Shastri Jayanti, a rally was organized in the college at 11:00 am in which the students of the college Firdous Qureshi, Sapna Soni, Geetanjali, Shaina, Shano and other volunteers participated. On this occasion Principal Dr. Ale. Nirala and Program Officer Dr. Manju Madhuri Bajpai were present.

Constitution day.



26/11/2021



On the occasion of Constitution Day in Bilasa Girls College, the oath taking and preamble of the Constitution of India were read, in which the Principal Dr. S. Ale. Nirala, NSS Program Officer Dr. Manju Mandhuri Bajpai, Dr. Seema Mishra, and NSS volunteers Sapna Soni, Uma Patel, Sabreen Khatoon, Prashnsa Tiwari, Shivkumari Sahu and other volunteers were present.



01/12/2021



शासकीय बिलासा कन्या महाविद्यालय की रा.से.यो. की इकाई 1 में विश्व एड्स दिवस के अवसर पर छात्राओं के लिये "एड्स लक्षण एवं बचाव के विषय पर भाषण, स्लोगन, निबंध, रंगोली प्रतियोगिता का आयोजन किया गया था। जिसमें छात्राओं का बहुत सुंदर प्रदर्शन रहा। कार्यक्रम में प्राचार्य महोदय डॉ.एस. एल निराला, डॉ. मंजू माधुरी बाजपाई, डॉ. सीमा मिश्रा, डॉ. अर्चना दीक्षित, डॉ. प्रतिभा दीक्षित, डॉ. शारदा कश्यप एवं डॉ. आराधना शर्मा उपस्थित थीं।

A workshop on career guidance and personality development has been conducted by Career Counselling and Guidance Cell.



Yoga Shivr



Deferred to the following year due to the CoVID 19 pandemic lockdown:

- Training of non-teaching staff on the use of IT resources such as email and excel/word
 - Review of Autonomy
 - Implementation of National Education Policy
 - Choice-based credit system
 - Future of Bilasa's in the next 5 years and strategies for focusing on quality parameters in the year ahead
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