

3.2.2 workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship

**Career College, Bhopal in Collaboration with EDIC & IIC,
Organized Webinar**

on

‘My Story- Motivational Session by Successful Entrepreneur’

Department of Biotechnology and Biochemistry at Career College, Bhopal and IIC Career College, Bhopal organized National webinar on “**My Story- Motivational Session by Successful Entrepreneur**” on 5th March 2022 by **Mrs. Shweta Sisodiya, Managing Director, Skin Ethics** for B.Sc. and M.Sc. students of Career College Bhopal. **Dr. Charanjit Kaur** (Principal, Career College, Bhopal) welcomed the gathering and gave her insight on how the Career College, Bhopal aids each and every students with all round support and development. The event was coordinated by **Dr. Anjali Choudhary** Head, Dept. of Biotechnology, she introduced the speaker and presented the theme. The theme of the program was Entrepreneurship and the main objective of the program was to improve knowledge about entrepreneurship, to encourage self-employment, and inspire young women to become successful entrepreneurs. It also aimed to provide hope and clarity when circumstances become hard and discouraging and to build entrepreneurship skills in students. The webinar was held on the Zoom platform.

She inspired the participants with her story by sharing her varied and wide experiences in the business world. She created awareness about the concept of entrepreneurship and highlighted the key characteristics of entrepreneurs. Throughout the session, she pointed up the golden rule to the participants that opportunities must be searched for, rather than waiting. Every entrepreneur must have a definite idea about their products. Ignorance about the products is a major problem that can lead to the failure of the business. She stressed the importance of being updated about the business market and also highlighted the importance of identifying customer needs and wants by an entrepreneur. The session concluded after a Q&A session, in which students interacted with the resource person to learn different aspects of being an entrepreneur.

The program was attended by 62 students from the Department of Biotechnology and 6 faculty members.

<https://www.facebook.com/watch/live/?ref=search&v=716797286337855>

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Dept. of Biotechnology & Biochemistry
 In association with
Women Empowerment Cell & EDIC
 organizes

Resource Person



NATIONAL WEBINAR
 on
My Story
 Motivational Session by
 successful entrepreneur

5th March 2022
 2:00 pm to 3:00 pm

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Biodiversity Resource Centre

E-YUVA CENTRE
and
Department of Biotechnology & Biochemistry

BioNest Partner In association with

riidl
Research Institute for Innovation and Design

INSTITUTION'S INNOVATION COUNCIL
MHRD Initiative

Microbiologists Society, India

organises

IDEATHON 2.0 : Waste to Wealth
An initiative towards Aatm Nirbhar Bharat

This ideathon is a competition where students are encouraged to share any concept or idea related to Science and Technology which has the potential to bring a promising product/technology in the market. Submit your ideas through the link on or before 25th June 2022:
<http://tiny.cc/ideathon-2>

- All the participants will get Certificates.
- Top three winners will get Cash Prizes and Certificates.
- Best idea selected by the panel will get support for incubation.

Registration Link <http://tiny.cc/ccb-bt-ideathon2> Join our WhatsApp Group <http://tiny.cc/ideathon-whatapp> 30th June 2022 12:00 noon IST

Mobile : 7869557217, 9425607597 Email : eyuva.birac@careercollegeindia.com

IDEATHON 1.0: Waste to Wealth ‘An initiative towards Atma Nirbhar Bharat’

Organized by

Department of Biotechnology and Biochemistry

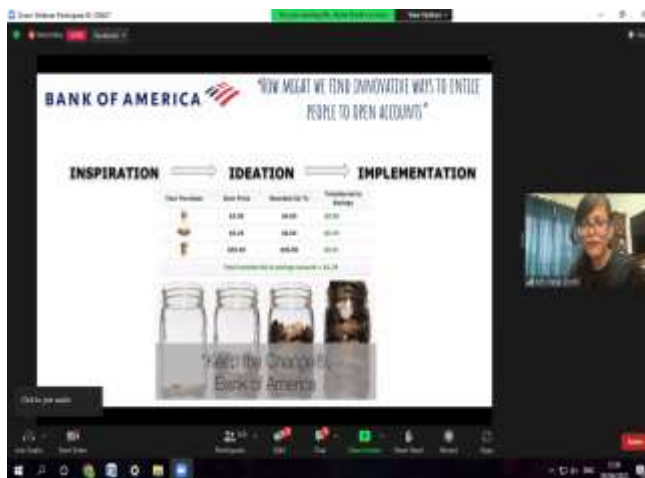
On 30th June 2022, E YUVA Center, Bhopal and Department of Biotechnology and Biochemistry, Bio Nest Partner Riidl in association with Institution's Innovation Council, MHRD Initiative and Microbiologists Society, India organized ‘IDEATHON 2.0: Waste to Wealth - an initiative towards Aatm Nirbhar Bharat’ for budding entrepreneurs to showcase their ideas on a major platform. In this event encouraged students from different colleges to share their ideas, and concept related to Science and technology which has a potential to bring a promising product/technology in the market. It was a perfect opportunity to sharp minds to display their prototypes and models and get major inputs by the esteemed judges to further sharpen their ideas into realistic outlook on mass scale. It is an attempt to sharpen and hone their skills in leadership, innovative thinking, analytic thinking, interpersonal communication and allied areas.

The event was hosted by Dr Preeti Chandurkar (Coordinator, E-YUVA Centre, Bhopal), she explain the theme of the webinar and ideathon 2.0 competitions. Dr. Charanjit Kaur, Principal, Career College, Bhopal gave her insight on how the Career College, Bhopal aids each and every budding students with all-round support and development into leaders and entrepreneurs and play an essential role in reshaping the future of Nation. Dr. Manish Diwan (Head, strategic partnership and entrepreneurship development BIRAC) was the chief guest of the program, he encourage students for self employment and explain about the importance of entrepreneurship in todays scenario. The keynote speaker of the webinar was Ms. Hetal Mudra, community architect, Riddl, Mumbai, she explained 3 I’s of entrepreneurship i.e. inspiration, ideation and

implementation. The vote of thanks was given by Dr. Anjali Choudhary (Head, EDIC Career College, Bhopal). More than 100 participants were attended the webinar.

Ideathon 2.0 competition was coordinated by Ms. Megha Budholiya (Project assistant, E-YUVA, Centre, Bhopal). Judges for the competition was Dr. Rohit Sharma (Associate Professor, SAGE University) and Dr. Udeep Chawla (Innovation Manager, IISER, Bhopal). Theme of the competition was **Waste to Wealth**, around 56 teams/ individual; participants registered for the competition. Out of 56 entries, 19 were shortlisted and presented their innovative ideas.

Ms. Agna Rose (Sant Hirdaram College) won the first Prize, she presented her idea on **‘Poly - Gain’**. Ms. Akansha Kashyap (Career College, grabbed the second prize, she presented her idea on **‘production of mosquito repellent sticks from floral waste’**. Mr. Rohit Rawat (Career College) won the third prize; he presented his idea on **‘Mycofiltration’**. Team Shri M.N. Virani Science College was awarded with the first consolation prize. It was a very successful event and students from all over India participated in the competition. The vote of thanks was given by Dr. Nidhi Tripathi (Dean, Research and innovations).



Career College, Bhopal
Department of Computer Science
Session 2021-22
Report
Workshop

Department of Computer Science has organized Workshop on "Digital Marketing Automation Strategies" on 09th Feb, 2022. The resource person of the workshop was Mr. Sandeep Rajput, Director Cloud Wireless Technology Pvt .Ltd, Bhopal. He has focused on the future scope of digital marketing and discussed various job roles in this field. It was attended by the staff members and the students of the college.

Vote of thanks was given by Mrs. Swarna Sinha, HOD, Department of Computer Science.

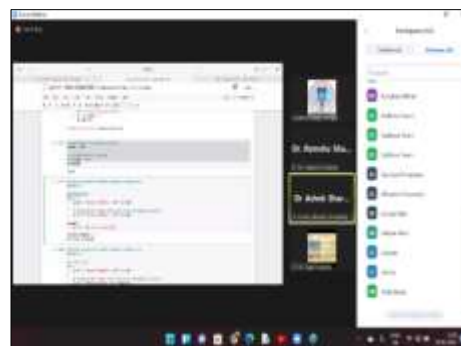
Total 55 Students attended the workshop.



Career College, Bhopal
Department of Computer Science
Session 2021-22
Report on Workshop on “Python”

Department of Computer Science has organized Workshop collaboration with IIC on “Python Programming” from 20th-25th January, 2022 in collaboration with IEHE, Bhopal. The resource persons of the workshop were Dr. Ashok Sharma, University of Jammu and Mr. Satyendra Jain, Research Scholar, BU Bhopal. Objective of the 6-day workshop was to provide software practice to the students on the aspects of development for any project of python programming based. This workshop was also useful in the reference of placement of students.

The session was coordinated by Dr. Romsha Sharma and Dr. Kapil Saxena, Department of Computer Science. It was attended by the staff members and 35 students of the college. Outcome of the workshop was that students understand key points of the python programming. Vote of thanks was given by Mrs. Swarna Sinha, HOD, Department of Computer Science.



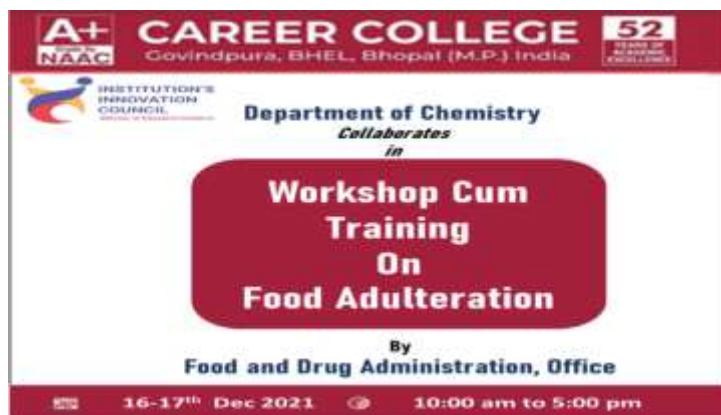
Title: Workshop Cum Training on “Food Adulteration”

Date: 16-17 Dec 21

Objective: To train the students for testing food adulteration

Students have been scrutinized and nominated for two-day training at Food and Drug Administration Centre.

Participants: Faculty members, PG students, Research Scholars of chemistry (20 participants)



Title: Paper Presentation Competition on the topic, “Recent Approaches Used in Industrial Chemistry”

Date: 30 Dec 21

Objective: To enrich and boost research calibre of PG students. To upskill them for research attitude.

Paper presentations have been made on innovative approaches to treat wastes at industry. Principal of the college emphasized on importance of research and career options in this field.

Participants: Faculty members, PG students, Research Scholars of chemistry (Around 35)



Title: National Webinar on, “Systematic Approach for Publishing High Impacted Research, indexing and Citations”

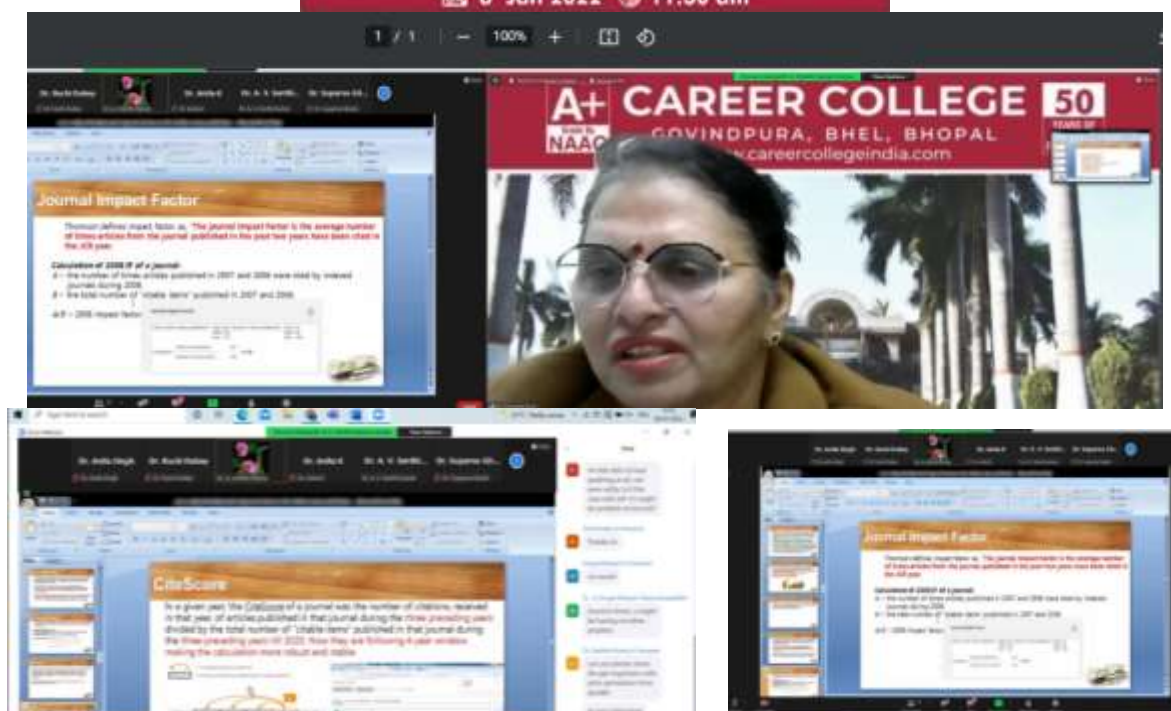
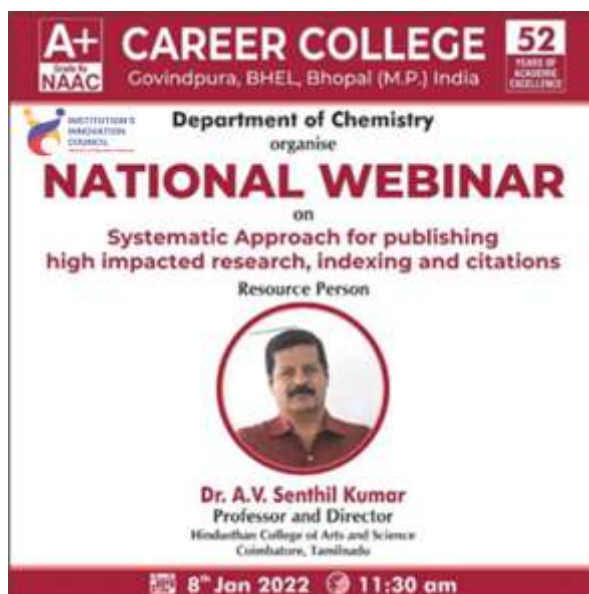
Date: 8 Jan 22

Objective: To encourage high quality publication

Resource Person: Dr. A V Senthil Kumar, Prof. & Director, Hindustan College of Arts and Science, Tamilnadu

Dr. A V Senthil, thoroughly explained each and every minute point for ethical and high impacted research publications. It was an eye opener for PG students and research scholars and enriched participants from every nook and corner of India with research aptitude.

Participants: Faculty members, UG and PG students, Research Scholars and students (around 89)





Title: Short Term Certificate Course cum workshop on “Rational Design, Solution Synthesis and Characterization of Photo-luminescent Ink”

Date: 7-12 March 22

Objective: To dive deeper into the field of research around nanomaterials.

Dr.Sudeshna Ray(Centre Director of Advanced Material Research Centre) gave deliberation on growing importance of phosphor in national security. She explained in detail about phosphors being used in the form of photoluminescent ink on passports and currency notes to counterfeit frauds. For the next two days, students worked in lab to prepare photoluminescent ink in the guidance of faculty members of Chemistry Department. The workshop not only ignited student's interest in phosphors but also encouraged students to take up research projects on nanomaterials and phosphors.

Resource Person: Dr. Sudeshna Ray, Center Director, Advanced Material Research Center, RNTU, Bhopal

Participants: Faculty members, PG students and Research Scholars (45 participants)



Title: International conference on “Advanced Research Strategies for Sustainable Development”

Date: 3-4 June 22

Objective: To equip the youth with new research trends and lead the world for Science and Technology

Associations/Collaborations: Research Foundation of India, Association of Chemistry Teachers, TIFR, Mumbai. The conference was sponsored by HERF, WFST, ARGA.

Research Dignitaries from the globe has joined and around 50 scholars have presented their papers. Eminent Speakers from India and Abroad have enriched the audience with their mesmerizing deliberations.

3rd June: Guest of honour Mr. Rituraj Phukan, Founder, Indigenous People’s Climate Justice Forum and Ambassador, European Climate Pact, International Speakers Dr. Chin Chang Tan from Thailand, Dr. Barton from Australia, Dr. Muthmainnah from Indonesia, Dr. Meera Asmi

from Kerela and Dr. Pranjal Chandra mesmerized with their deliberations. Around 200 participants witnessed the success of day 1.

4th June: Around 25 presentations have been made. Deliberations from Dr. Luis Miquel Cordoso, Portugal, Dr. Daisy Galgana, Phillipines and Dr. N Bhojak, Bikaner, Rajasthan gave insights into sustainable development research strategies.

During valedictory, Dr. Brijesh Pare, Professor in Chemistry, Govt. Madhav Science College, Ujjain, MP, India and President, Association of Chemistry Teachers, C/O Homi Bhabha Centre for Science (TIFR), Mumbai, India have enriched the learnings received during two-day journey. Dr. Sourabh Jain, Chairman, RFI, Dr. Ashok Gupta, CMD, RFI, Mr. Manish Rajoria, Vice-Chairman, CGI, Dr. Charanjit Kour, Principal CCB, Prof. Pradeep Jain, Gp. Director, CGI have guided throughout the event from preparation to execution.

Resource Person: Mr. Rituraj Phukan, Ambassador, European Climate Pact, Founder, Indigenous People's Climate Justice Forum, Assam, India; Dr. Chai Ching Tan, Thailand, Dr. Amol Kulkarni, Washington; Dr. Michael Baron, Australia; Dr. Muthmainnah S, Indonesia; Dr. Luis Miguel Cordoso, Portugal; Ms. Daisy M Golgana, Phillipines, Dr. Meera Asmi, Kerela, Dr. Pranjal Chandra, IIT, BHU, Varanasi, Dr. Narendra Bhojak, Bikaner, Rajasthan

Participants: National and International audience including Faculty members, PG students and Research Scholars (Around 200 participants)

Guest of Honour and Speaker

Mr. Rituraj Phukan
Founder, Indigenous People's Climate Justice Forum
Ambassador, European Climate Pact

Chief Patrons:

Shri Vishnu Rajoria
Chairman, Career Group of Institutions

Dr. Sourabh Jain
Chairman & CEO
Research Foundation of India

Shri Manish Rajoria
Vice Chairman- Career Group of Institutions

Prof. (Dr.) Ashok Kumar Gupta
Chief Managing Director
Research Foundation of India

Coordinators:

Dr. Ruchi Dubey Sharma
Assistant Professor, Chemistry,
Career College Bhopal

Dr. Anita Singh
Assistant Professor, Chemistry,
Career College Bhopal

Dr. Shweta Sharma
Assistant Professor, Chemistry,
Career College Bhopal

Dr. Anita K
Assistant Professor, Chemistry,
Career College Bhopal

Patrons:

Dr. Charanjit Kour
Principal Career College,
Bhopal

Dr. Rajay Jain
National Coordinator
Research Foundation Of India

Prof. Pradeep Jain
Group Director,
Career-Group of
Institutions

Dr. Brijesh Pare
President, Association of
Chemistry Teachers TIFR,
Mumbai

Dr. D V Peabhu
Secretary, Association of
Chemistry Teachers,
TIFR, Mumbai

Convener:

Dr. Suparna Chosh
Dean Life Science and HOD,
Chemistry, Career College,
Bhopal

Coordinator Officers-RFI

Dr. Manish Dubey
President, Central India Board
Research Foundation of India

Dr. Gunjan Shukla
HOD management,
Director IQIC,
Rameswaram University

International Guest and Speakers

Dr. Chai Ching Tan
School of Management,
Sook Lee University, Cheng De,
Thailand

Dr. Amol Kulkarni
Associate Professor
College of Management, Howard University,
Washington

Dr. Michael Baron
Business Consulting, & Training Services
in the field of Digital Transformation
Australia

Dr. Muthmainnah S,
Universitas 21 September 2009
Indonesia

Prof. Dr. Luis Miquel Cordoso,
Instituto de Biologia and Centre for
Competitive Studies of the University of
Portugal
Portugal

Ms. Daisy M. Galgana,
E. Santiago Jr. High School SDO District City
Department of Education,
Phillipines

National Guest and Speaker

Dr. Meera Asmi
Honorary Chairwoman
Dr. Chai Ching Tan
State President - Senior Member
Executive Council of the National Indian
Chamber of Commerce and Industry
India

Dr. Pranjal Chandra
Assistant Professor & Supervisor, Patna/Ph.D.
Indian Chamber of Commerce of Chemistry
Engineering Institute of Technology (IIT),
Bihar

Dr. Narendra Bhojak
Associate Prof., Chemistry,
Govt. College, Dimpals, Bikaner,
Rajasthan

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52
YEARS OF
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EXCELLENCE



75
Azadi Ka
Amrit Mahotsav

Resource Person



Dr. Deevanshu Shrivastava
Head
School of Public Policy &
International Affairs

Dept. of Commerce & Management
organises

WEBINAR

on

**Fundamentals of
Intellectual Property
Rights with special
reference to Copyright Act**



29th Jan 2022



12:00 Noon



haribhoomi.com/ful

कॅरियर कालेज में वेबिनार

भोपाल। कॅरियर महाविद्यालय के वाणिज्य एवं प्रबंध विभाग द्वारा विद्यार्थियों में इंटेलेक्चुअल प्रॉपर्टी राइट के संबंध में जागरूकता उत्पन्न करने के उद्देश्य से फंडामेंटलस आफ इंटेलेक्चुअल प्रॉपर्टी राइट विद स्पेशल रिफरेंस टू कॉपीराइट एक्ट विषय पर वेबिनार का आयोजन किया गया। कार्यक्रम में वक्ता डॉ.देवांशु श्रीवास्तव, हेड स्कूल ऑफ पब्लिक पालिसी एंड इंटरनेशनल अफेयर्स ने आईपीआर के मूलमूल बिंदुओं पर प्रकाश डाला। इस अवसर पर विभागाध्यक्ष डॉ. दीपाली बहरे, डीन डॉ.नीतू शर्मा, श्रीदेवी नायर, शैलेश जैन, डॉ.राखी सक्सेना एवं योमिता आदि उपस्थित थे।



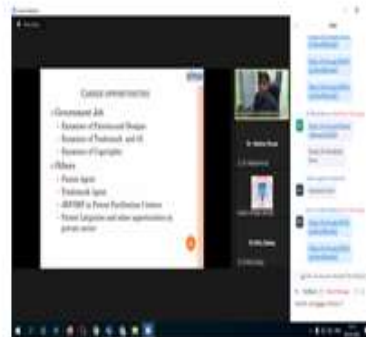
Career College, Bhopal

Department Of Computer Science

Workshop on "Intellectual Property Rights and Patent Design"

Session-2021-22

Department of Computer Science organised a workshop with collaboration of IIC on "Intellectual Property Rights and Patent Design filing process" on 06/05/2022. The Speaker Mr. Himanshu Chandrakar, Examiner of Patents and Design were present from RGNIPM, Govt of India. Objective of the workshop is very effective because IPR awareness is very less in India and very few persons know about IPR. Mr. Himanshu not only explain and but differentiate different process of Intellectual property like patents, Designs, Trade Marks, Geographical Indications, copyrights, Semiconductor Integrated Circuits Layout- Designs, Protection of plant Varieties and Farmers' Rights among the students and Faculty members. After the completion of his lecture he was examine the grasping power and mental ability of the students with the help of Quiz. The Session coordinated by Dr. Ritu Dubey and Dr. Niketa Persai and students coordinators are Kartik Valenkar (B.Sc.-II Year Maths) and Ankit Patel (B.Sc.-II Year CS).



Department of Computer Science

Session-21-22

Workshop on “Digital Marketing Automation Strategies”

Department of Computer Science has organized Workshop with the collaboration with IIcon “Digital Marketing Automation Strategies” on 09th Feb, 2022. The resource person of the workshop was Mr. Sandeep Rajput, Director Cloud Wireless Technology Pvt .Ltd, Bhopal. Objective of the workshop was .Objective of the workshop was that how the digital marketing is the most prominent job in present scenario and why it is important for branding of your services. He has focused on the future scope of digital marketing and discussed various job roles in this field. Outcome of the event that students understand role and scope of digital marketing for present and future. It was attended by the staff members and the students of the college.

Vote of thanks was given by Mrs. Swarna Sinha, HOD, and Department of Computer Science.



CAREER COLLEGE, BHOPAL
DEPARTMENT OF MICROBIOLOGY

IPR Related Activities

Session 2021-22

REPORT

1. Title of the Event: Guest lecture on the topic "IPR issues in Microbiology".
2. Date: 22/01/2022
3. Objective: Spread Awareness among students on basic and recent development on IPR Issues in Microbiology.
4. Participants Details: Around 51 participants attend the talk and got benefitted by it.
5. Brochure:



REPORT

Title of the Event: Webinar on Vulnerable diseases and COVID 19

Objective: Spread Awareness among students on basic and recent development on vulnerable diseases in context with COVID-19

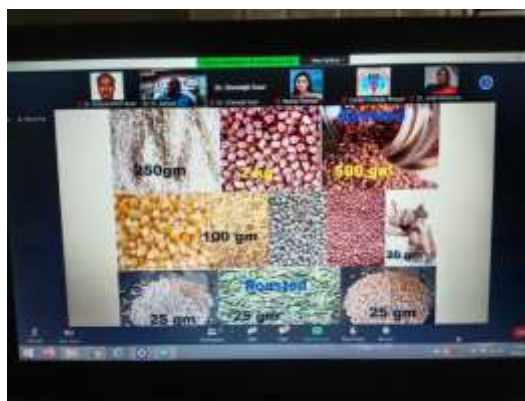
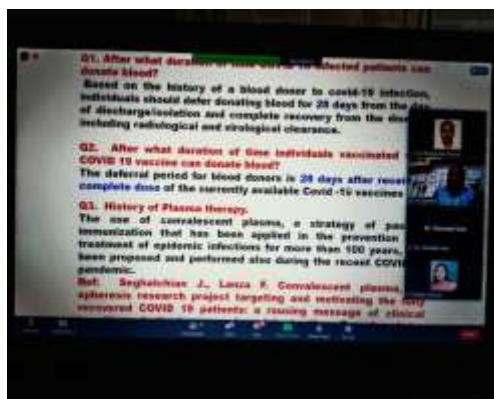
Speaker Details: Dr. N. Ganesh, Consultant Ontogenetic and Senior Scientist, Jawaharlal Nehru Cancer Hospital and Research Centre Bhopal

Faculty Coordinator: Dr. Reena Antony

Students Coordinator: Nilam Sahu, M. Sc. I Sem

Participants Details: Around 250+ participants attend the talk and got benefitted by it.

Photographs:



Outcome of the activity: Since the first reporting of Coronavirus SARS-CoV-2 in December 2019 more than 100 million people are globally are affected. With time the effect and type of infections are changing owing to array of patients with vulnerable diseases. On this important topic Department of Microbiology, Career College, Bhopal organized an online webinar on the topic vulnerable diseases and COVID 19 on 7th Feb 2022. The speaker for the talk was Dr. N. Ganesh Consultant Oncogenetic, Head & Senior Scientist, Dept. of Research, Jawaharlal Nehru Cancer Hospital & Research Centre; Bhopal Dr. Ganesh shared the implicacies of COVID-19 to vulnerable individuals with Cancer, BP, Diabetes etc. He suggested for health lifestyle and eating habits to fight COVID-19 and safeguard ourselves from contracting life threatening diseases like cancer, Diabetes etc. The talk was excellent and all participants were highly impressed by the topic and excellent delivery skills of the expert speaker. Around 250+ participants attend the talk and got benefitted by it. On this occasion principal Dr. Charanjit Kaur and dept. faculties were also present.



DEPARTMENT OF COMMERCE AND MANAGEMENT
SKILL DEVELOPMENT PROGRAMME

'Short Term Training programme was organized for all UG and PG students on 4th Sep. 2022 on the theme "Eco-Friendly Ganesh Murti Nirman, under the collaboration with 'Environmental Planning & Coordination Organization (EPCO), Bhopal. The trainer on this occasion was Mr. J.P.Namdey & Kamlesh Verma, EPCO, Bhopal M.P. they provided proper guidance for the students by Using Natural Soil without Chemical for the making Eco Friendly Ganesh.

To make the students aware about environment friendly issues the department took the opportunity to organized this training programme so that the students learned to make creative ganesh murti and at the same time immerse the idols in an Eco Friendly manner. Total 152 students attended the workshop.



Career College Bhopal

Department of Zoology Activity Details 21-22

1. The department conducted 'Freshwater Design Pearl Culture Awareness cum Introductory Training Program' on 3/07/21

Objectives:

1. To create awareness among people about fresh water pearl culture.
2. To train as many individuals to take up pearl cultivation as a profession.

Resource persons Mr. Ashok Manwani & Mrs. Kulajan Dubey Manwani being involved in the pearl production research since last 20 years. Over the last two decades, the couple has so far done pearl farming in 12 states other than Maharashtra. They have conducted programmes and awareness drives in Karnataka, Kerala, Gujarat, Uttar Pradesh, Bihar, West Bengal, Manipur, Meghalaya, Assam, etc.

The couple started an organization called [Indian](#) Pearl Cultivation in 2001, and is deeply involved in training of as many individuals who are interested to take up pearl cultivation as their career. Their dream is to make India as a hub for good quality pearls.

When a beautiful gem is the end product the entire process of pearl cultivation is one that is very demanding.



Pearl cultivation



Tools developed by the couple



The shells with pearls.

25 faculty members & 50 students of Career College joined the program and gain knowledge about pearl cultivation.

Key Outcomes: 1. The students were educated about the latest development and advancement in the field of pearl culture with special emphasis that how they can opt pearl culture as their career.

2. The resource person also informed the students that pearl culture is also being done in fresh water bodies.

Workshop on Hematology & Osteology on 2-9 Dec. 2021

Objectives:

1. To make the students understand about the composition of blood & how a proper blood test can be done to detect various ailments of human body.
2. To teach students how to get their respective blood groups, blood pressure, RBCs & WBCs counts.
3. To study about structure of bones & skeletal elements and to understand that how bone density is to be maintain in a human body.

The training was given to students by Mr. Manish Soni HOD Pathology department, Career College Bhopal.

24 students of department of Zoology participated in the training program.

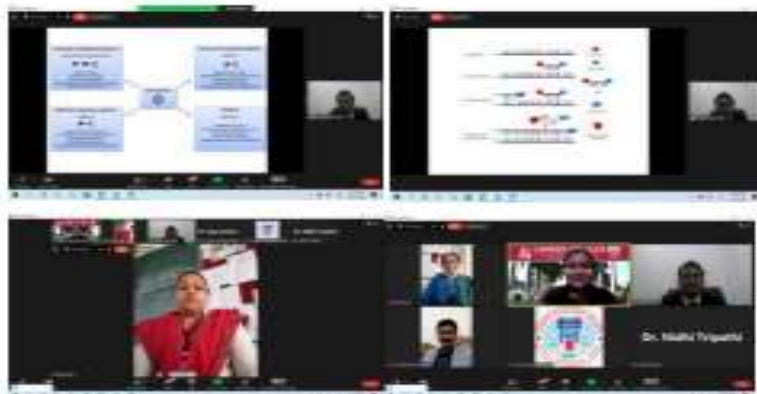
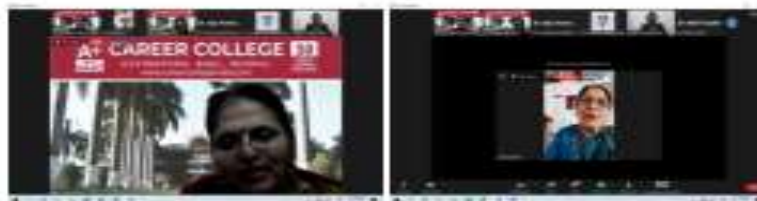
Key Outcomes:

By this training the students learned about various Hematological tests like-measuring blood pressure, pulse reading, RBCs, WBCs counting etc. & how to check bone density by own.

**Career College, Bhopal in Collaboration with IIEE, Bhopal
Expert Lecture Under Student Exchange Programs
on
'Genomics Technologies in Clinical Diagnostics'**

Department of Biotechnology and Biochemistry at Career College, Bhopal and IIEE, Bhopal jointly organized an Expert lecture under Student Exchange Program on 24th December 2021 for B.Sc. and M.Sc. students of Career College and Institute for Excellence in Higher Education, Bhopal. **Dr. Charanjit Kaur** (Principal, Career College, Bhopal) welcomed the gathering and gave her insight on how the Career College, Bhopal aids each and every students with all round support and development. The event was moderated by **Dr. Anjali Choudhary** Head, Dept. of Biotechnology, she introduced the speaker and presented the theme. The keynote speaker of the event was **Dr. Deepak Bharti** (Director and Founder, Centre for Molecular Biology and Research Pvt. Ltd, Bhopal).

Dr. Bharti explained about how RT-PCR has been the corner stone of diagnostic ever since the pandemic started. He mentioned that RT-PCR system being used in the country can detect all the variants which have so far been reported in the country. He further pointed out some of the reasons behind the false-negative RT-PCR test reports, which may be a sampling error, delays in the screening of individuals and non-adherence to Standard Operating Procedures during transportation etc. Students interacted with him and got their doubts cleared. **Dr. Ranjana Verma** Head, Dept. of Biotechnology IIEE, Bhopal, **Dr. H. K. Garg** and **Dr. Ajay Bhargadwaj** (IIEE, Bhopal) were also present in the lecture. The vote of thanks was proposed by **Dr. Subhda Dwivedi** (IIEE). More than 77 students from Career College and IIEE Bhopal were present in the Expert lecture.





CAREER COLLEGE
Govindpura, BHEL, Bhopal (M.P.) India



Department of Chemistry
Collaborates
in

Workshop Cum Training On Food Adulteration

By
Food and Drug Administration, Office



16-17th Dec 2021



10:00 am to 5:00 pm

Department of Chemistry

"Workshop Cum Training on "Food Adulteration"

Date: 16-17 Dec 21

Objective: To train the students for testing food adulteration.

To provide theoretical basis of adulteration test of food products and learn adulteration

testing methods of food through hands-on experience.

• To provide hands-on training using the latest analysis techniques, instruments and methods to analytical food samples.

Students have been recruited and nominated for two-day training at Food and Drug

Administration Centre.

It develops analytical skill on testing adulteration in foods and interpretation of the data.

Student practical experience in using techniques to determine the presence of adulterations in foods.

Participants: Faculty members, PG students, Research Scholars of Chemistry (20

participants)



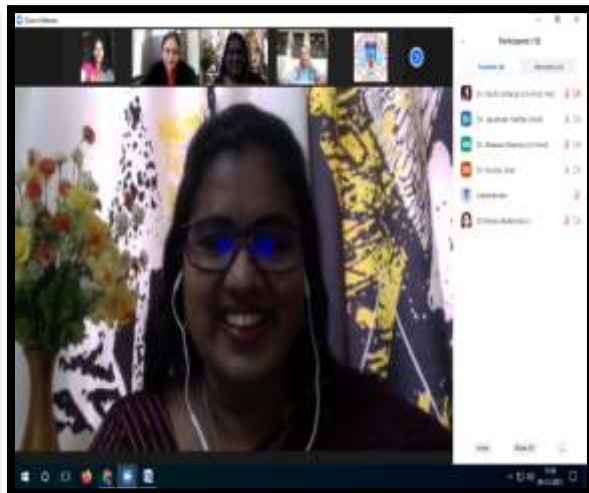
Career College Bhopal Department of Botany Session 2021-22

National Webinar was organized by Department of Botany on the topic IPR in Green Technologies for Climate Change on 04/12/21, Resource Person for the webinar was Dr. Rosmy Joan Assistant Professor, National Law University Jodhpur. The main objective of the webinar was to create awareness about the Intellectual Property Rights and effect of Climate change. Faculty Coordinator was Dr. Ruchi Acharya and Student Coordinator was Varsha Lodhi of M.Sc. Botany for the activity.

About 38 participants were present in the webinar. Many Faculties, Research Scholar as well as Students from UG and PG attended the webinar. The guest has explained about the Technologies used in climate change and the Intellectual Property Rights. All attendees have learnt about the present scenario of green technologies and Climate Change. It was very informative and helped in understanding rights in green technologies.

The poster is for a webinar organized by Career College Bhopal, Department of Botany. It features the following text and graphics:

- Top Left:** NAAC A+ Grade By logo.
- Top Center:** CAREER COLLEGE Govindpura, BHEL, Bhopal (M.P.) India
- Top Right:** 52 YEARS OF ACADEMIC EXCELLENCE logo.
- Center:** Department of Botany organizes NATIONAL WEBINAR on IPR in Green Technologies for Climate Change Mitigation.
- Portrait:** A circular portrait of Dr. Rosmy Joan, Assistant professor at National Law University, Jodhpur.
- Bottom:** 4th Dec 2021 12:00 noon to 1:00 pm.

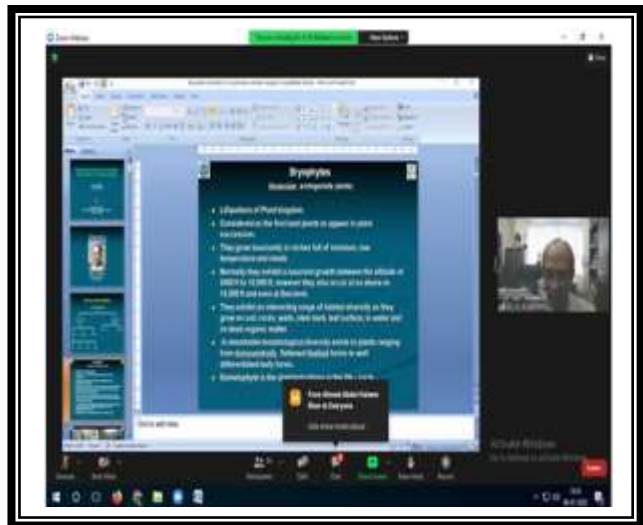


Career College, Bhopal
Department of Botany
Session 2021-22

Department of Botany in association with IIC Career College organized talk on Bryophyte Diversity and Conservation with Reference to Climate Change as a part of Theophrastus Guest Lecture Series on 8th Jan 2022. The objective of the talk was to know present status of these plants and their extinction and conservation. The speaker for the talk was Dr. A.K. Asthana , Senior Principal Scientist, CSIR – National Botanical Research Institute Lucknow. He explained about variety of Bryophytes growing all over the world as well as their extinction and conservation . Faculty coordinator was Dr. Bhawna Sharma and Student coordinator was Diptee Pandey, M.Sc. Botany. About 52 participants have taken benefit of this webinar. Participants were from UG and PG Level as well as many research scholar and faculties of all streams were present.

All the faculty members and many students of Career College and other Universities have gained knowledge about these beautiful members of Plant Kingdom Bryophytes , amphibians of Plant Kingdom .

The poster is for a guest lecture organized by the Department of Botany at Career College. It features a red and white color scheme. At the top left, there is an 'A+' NAAC logo. The top center reads 'CAREER COLLEGE' and 'Govindpura, BHEL, Bhopal (M.P.) India'. The top right corner has a '52 YEARS OF ACADEMIC EXCELLENCE' badge. The main text in the center reads: 'Department of Botany organises talk on Bryophyte Diversity and Conservation with Reference to Climate Change as a part of THEOPHRASTUS GUEST LECTURE SERIES'. Below this, the date and time are given: '8th Jan 2022' and '1:30 pm'. On the left side, there is a portrait of Dr. A.K. Asthana, with his name and title: 'Dr. A.K. Asthana Senior Principal Scientist CSIR- National Botanical Research Institute Lucknow'. There are also logos for '75th Anniversary of All India Institute of Medical Sciences' and 'BOTANY DEPARTMENT' on the left side of the poster.



Department of Botany
Career College, Bhopal
Session 2021-22

Department of Botany in collaboration with Green Cluster has organized Environmental Awareness and Gender Sensitization Programme on 'Journey of Junglevase : Women Made

Mini Jungle “ on 11th March 2022. The Objective this Programme was to motivate our society for plantation. The Resource Person was Dr. Sakshi Bharadwaj , Founder of JungleVase. She explained her journey how she converted small area into Mini Jungle. Faculty Coordinator was Dr. Peenu Joshi and Student Coordinator was Deepak Pandit for the activity.

About 105 participants were present Many UG and PG students and faculty members, research scholars and some members of other institutes have attended this Webinar. The attendees have learnt that how small piece of land can be converted into miniforest. Students have learnt about creating waste into wealth and Sustainable Urban Jungling Concept.

A+
Grade By
NAAC

CAREER COLLEGE
Govindpura, BHEL, Bhopal (M.P.) India

52
YEARS OF
ACADEMIC
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INSTITUTION'S
INNOVATION
COUNCIL

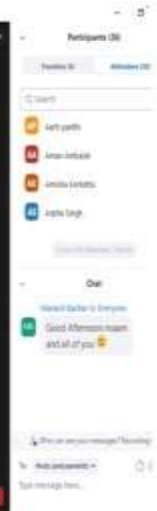
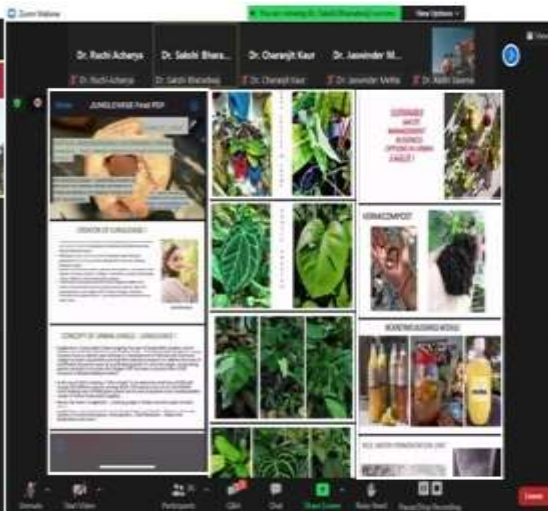
Department of Botany
and
Green Cluster
is organizing

Environmental Awareness and Gender Sensitization Programme
on
Journey of JungleVase : Women Made Mini Jungle

Resource Person

Dr. Sakshi Bharadwaj
Founder, JungleVase

Friday, 11th March 2022 12:00 Noon



Environmental Awareness and Gender Sensitization Programme

on

Journey of JungleVase : Women Made Mini Jungle



**Career College, Bhopal with EDIC & IIC in Collaboration IEHE Bhopal,
Organized Workshop
on
'Entrepreneurship and Innovation as Career Opportunity'**

Department of Biotechnology and Biochemistry at Career College, Bhopal and IIC Career College, Bhopal in Collaboration IEHE Bhopal organized workshop on “**Entrepreneurship and Innovation as Career Opportunity**” on 11th Dec 2021 by **Prof. Nishith Dubey, NITTTR, Bhopal** for B.Sc. and M.Sc. students of Career College Bhopal. **Dr. Charanjit Kaur** (Principal, Career College, Bhopal) welcomed the gathering and gave her insight on how the Career College, Bhopal aids each and every students with all round support and development. The event was coordinated by **Dr. Anjali Choudhary** Head, Dept. of Biotechnology, she introduced the speaker and presented the theme.

Prof. Dubey briefed the objective of the program which was to promote the importance of Entrepreneurship and innovation as career opportunity and inculcate skillset required for a young graduate. It helps to stimulate the overall architecture of the Entrepreneurship life cycle and how student can create innovative product by undertaking relevant methods.

Students understand the basics of Entrepreneurship and its Importance in modern society, Skill set required to become an entrepreneur and how to convert simple idea into an innovation. The program was attended by 55 students from the Department of Biotechnology and 6 faculty members. The vote of thanks was delivered by Dr. Nidhi Tripathi, Convenor IIC Bhopal.







**CAREER GROUP
OF INSTITUTIONS
BHOPAL**



In association with



**Yunus Social
Business Centre**

International Webinar

cum

**Social Business Design
Competition & Social Fiction Design
Competition & Mentorship**

a collaboration with

YSBC & 3ZERO CLUB

Speaker



Prof. Muhammad Yunus
Winner of Nobel Peace Prize 2006
Co-founder and Chairman



Enrico Testi

Executive Director
YSBC, University of Florence



Biswajit Ghosh

COO
Rotary India Literacy Mission



Mr. Manish Rajoria

Vice Chairman
Career Group



3ZERO CLUB™



23rd March 2022 12:30 PM to 3:00 PM IST

करना समय हाता है मोक्ष का मुश्किल बड़ा गूर ससार क लिए सुख शांत एवं अनन्य आन आन का प्रमाण बन जाए न

सामाजिक व्यापार डिजाइन और सामाजिक कथा डिजाइन सह-मैनेटरशिप कार्यक्रम



International Webinar cum Social Business Design Competition & Social Fiction Design Competition & Mentorship

दैनिक कारखाने का सफर। भोपाल

वाय एस बी सी कैरियर कॉलेज ने 3 जीरो क्लब एवं वाय एस बी सी, बांग्लादेश के सहयोग से "सामाजिक व्यापार डिजाइन और सामाजिक कथा डिजाइन सह मैनेटरशिप कार्यक्रम" पर एक "अंतरराष्ट्रीय वेबिनार" का आयोजन किया। वेबिनार का मुख्य उद्देश्य युवा दिमाग और उनके व्यावसायिक, अन्वेषी विचारों को एक मंच देना था जो दुनिया को पर्यावरण तथा समाज के अनुकूल बदलाव ला सके। वेबिनार में समूह के उपाध्यक्ष श्री मनीष राजौरिया ने संस्थान में वाय एस बी सी की उत्पत्ति और 3 जीरो क्लब के बारे में बताया। तत्पश्चात प्रिंसिपल करियर कॉलेज एवं निदेशक वाय एस बी सी द्वारा गणमान्य व्यक्तियों का स्वागत उद्घोषण द्वारा किया गया। डॉ. एनरिको टेस्टो, कार्यकारी निदेशक, वाय एस बी सी (फ्लोरेंस

विश्वविद्यालय, इटली) प्रमुख संसाधन व्यक्ति थे जिन्होंने विशेष रूप से 'सामाजिक नवाचार के लिए परिस्थितिकी तंत्र और 3 शून्य मिशन प्राप्त करने' के बारे में बताया। " बांग्लादेश, नेपाल, दक्षिण अफ्रीका, वाईएसबीसी मिनेरम, YSBC शारदा विश्वविद्यालय नोएडा के लगभग 100 प्रतिभागियों ने सामाजिक नवाचार को पूरे उत्साह से जाना एवं समझा। छात्रों ने पूरे उत्साह के साथ भाग लिया और कुल 20 सामाजिक नवाचार विचार प्रस्तुत किए गए जो अन्य छात्रों को आत्मगिरिक्षण करने और समाज कल्याण के लिए कुछ ऐसा करने के लिए प्रोत्साहित करते हैं जो उन्हें भीड़ से अलग करता है। 3 जीरो क्लब, बांग्लादेश के मुस्तफेज, यूनुस सेंटर बांग्लादेश की सुश्री जीनात ने इस संबंध में दर्शकों को जागरूक किया। यह वास्तव में युवा दिमागों को प्रज्वलित करने वाला एक विचारक कार्यक्रम था।

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“PANEL DISCUSSION ON INNOVATIVE IDEAS”

Organized By

**DEPARTMENT OF BIOTECHNOLOGY & BIOCHEMISTRY,
CAREER COLLEGE, BHOPAL**

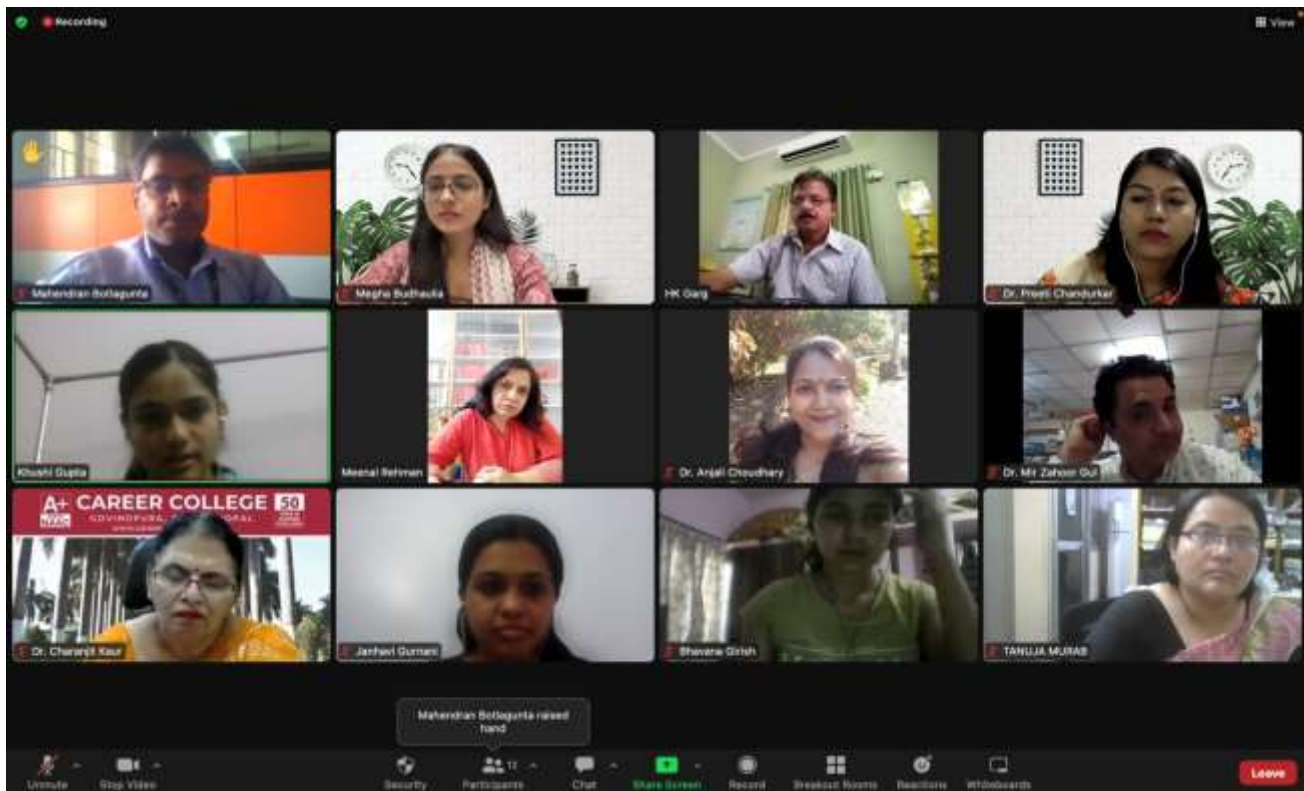
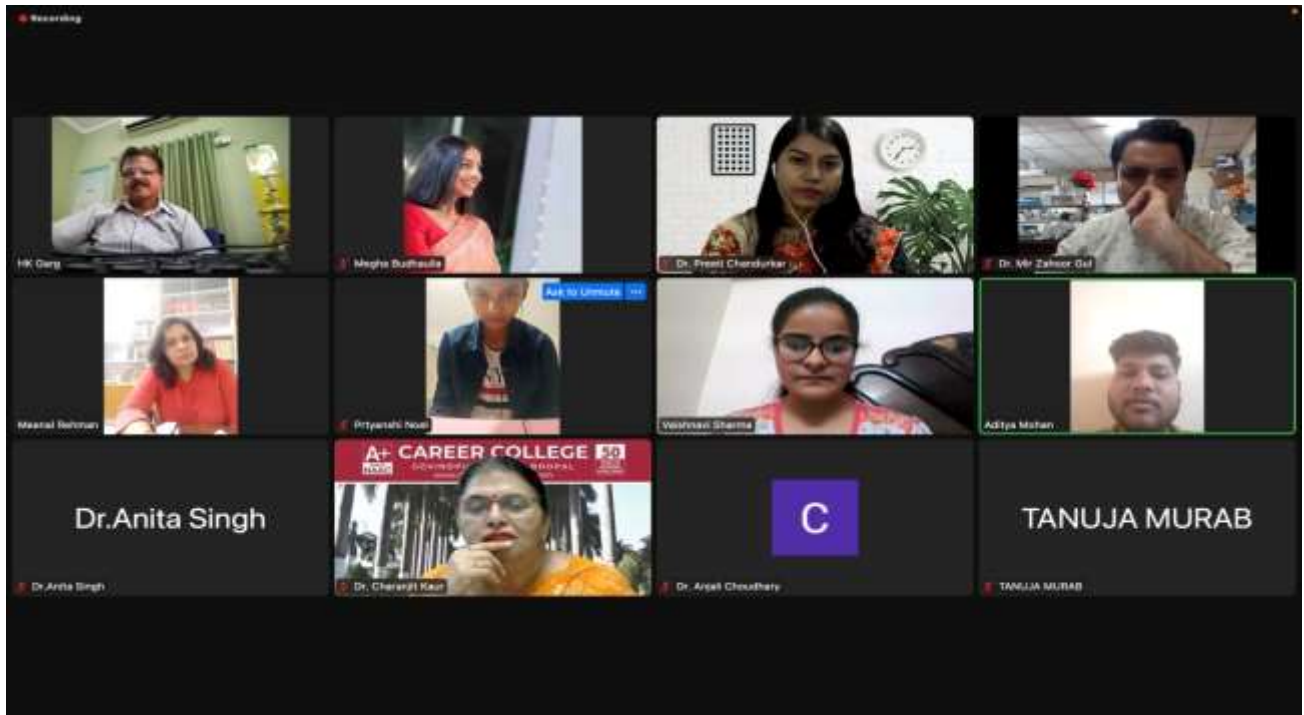
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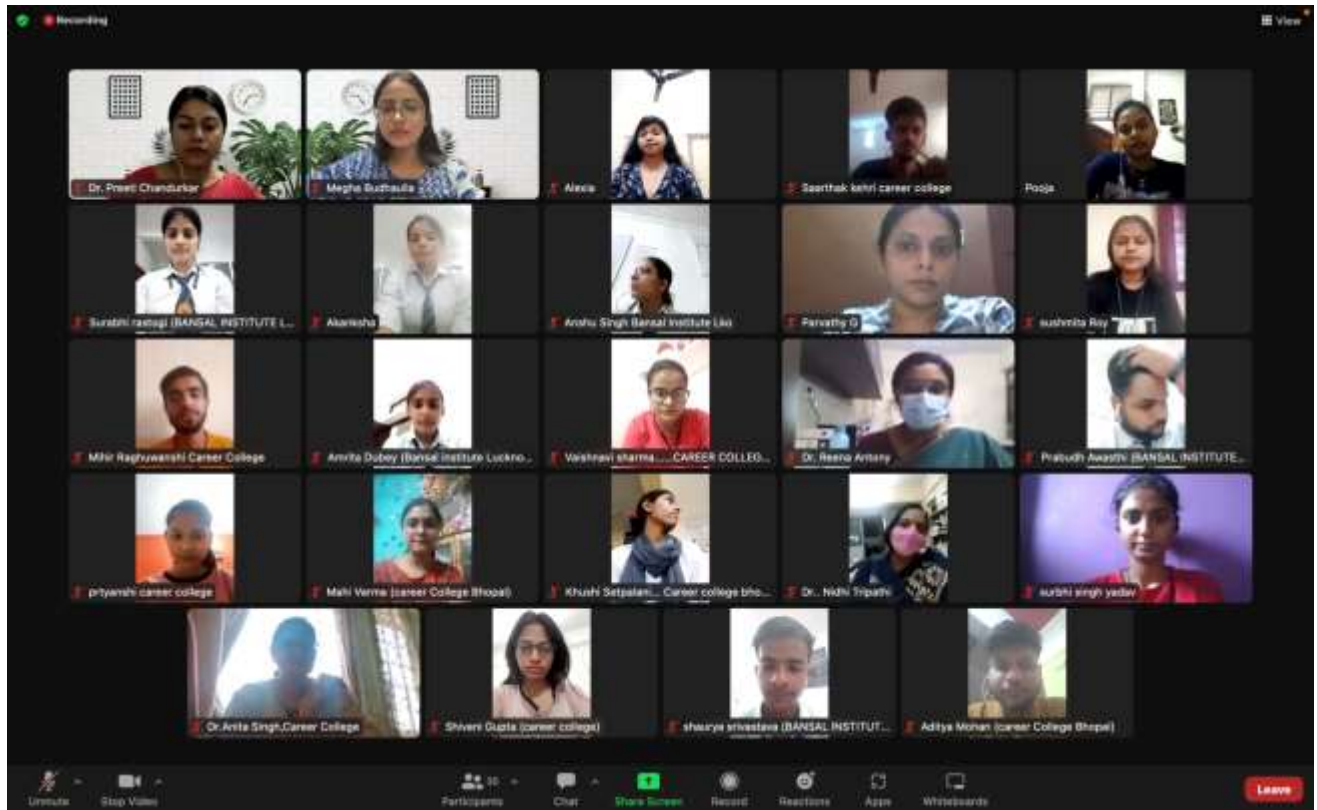
INSTITUTION'S INNOVATION COUNCIL

20th May, 2022

On 20th May 2022, Department of Biotechnology and Biochemistry, in association with Institution's Innovation Council, Organized the “Panel Discussion on Innovative Ideas”. The event was hosted by Dr Preeti Chandurkar (Program Coordinator), she explained the theme of the webinar and gave her insight on how the Career College, Bhopal aids each and every budding student with all-round support and development into leaders and entrepreneurs and play an essential role in reshaping the future of Nation.

Dr Mir Zahoor Gul (Research Associate, Department of Biochemistry, UCS, Osmania University, Hyderabad), **Dr. H.K Garg** (Professor, Dept. of Zoology Institute of excellence in Higher Education, Bhopal) and **Dr. Meenal Rehman** (Associate Professor, Dept. of Botany, Jaipur National University, Jaipur) were the experts for the session. The objective of this session was to guide and mentor the students for their innovative ideas. Around 10 teams and 6 individuals presented their idea. The valuable knowledge and mentorship by experts benefitted all the participants. The vote of thanks was given by **Dr. Anjali Choudhary** (Head, Department of biotechnology & Biochemistry, Career College, Bhopal). It was a very successful event and students from different backgrounds participated in the session.







Recording

Problem Statement

Needs :

- *Tridax procumbens* have a variety of medicinal uses including anti-anemic, anti-diabetic, anti-fungal, anti-bacterial and anti-inflammatory properties.
- *Tridax procumbens* shows intrinsic and acquired resistance to microbial and fungal infection. A worldwide increase in the fungal infections has been observed as well as rise in resistance of some species. The majority of used antifungal treatment have various side effects. Hence there is a demand for anti-fungal product.
- Diabetic patients lack wound healing and blood clotting ability due to lack of production of a hormone insulin which is responsible for coagulation and wound healing. *Tridax* helps to overcome with such anti-coagulation and wound healing problems.
- As per various research and reports, the ethanolic extract of *Tridax* turned out to be more effective and all the properties are exhibited precisely because of this. It shows acquired resistance against bacterial and fungal infection.
- It influences the blood clotting factor and increases the wound healing property.

HK Garg

HK Garg

Megha Suthaula

Dr. Preeti Chandurkar

Dr. Mr. Zahoor Gul

Meenal Rehm...

Meenal Rahman

Divyanshi Malode

M

Mahi Verma





Recording

PROBLEM STATEMENT NEED&RELEVANCE

Increasing pollution and environmental condition nowadays is causing many severe problems. The most affected body part that is harmed because of all this is skin, skin-irritation, rashes, etc. Many products are available in the market that claim that their product is effective in providing solution and protection to all these kind of skin-related problems. All these products are full of chemicals and a chemical based component which should not be used on skin. The main aim for the formulation of this herbal natural organic products statement is to provide a chemical free skin friendly cream which can be used for the protection of skin against all these problems as well as it can be used in day to day life also.

This formulated herbal cream is not only skin friendly, cost effective but also will be easily available in all the areas where many already available products cannot reach. Some serious problems that these chemically synthesized creams caused are:

- a. Facial swelling
- b. Flaking or Peeling skin
- c. Pimples/ acne
- d. Itch
- e. Itchy Derm

HK Garg

HK Garg

Megha Dushauka

Wishwan Singh

Harshit Kuma...

Harshit Kumar Kashyap

Amrita Dubey


Amrita Dubey

Meenal Rehm...

Meenal Rahman

Prabudh Awa...

Prabudh Awasthi


PRINCIPAL
PRINCIPAL
CAREER COLLEGE,
GOVINDPURA, BHOPAL