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



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

Department of Biotechnology and Biochemistry EDC in association with Srijan Sanchar, Nagpur 'Online Entrepreneurship Development Program'



Mr. Aditendra Jaiswal Lead Enabler Srijan Sanchar

Date :11 July 2021



EXCELLENCE

wal Ms. Shweta Singh Founder & CEO Ennoble IP & Women Innovation & Entrepreneurship Foundation Time : 11 AM

Entrepreneurship Development Program

During the lockdown, it was difficult for the students to find jobs and earning resources, to overcome this problem and to make them aware about entrepreneurship development, the department in collaboration with EDIC organized an Entrepreneurship Development Program on 11th July 2020. Resource person for the program was Mr. Aditendra Jaiswal (Srijan Sanchar) Dr. Shweta Singh (Ennoble IP, Women, Innovation and Entrepreneurship Foundation) from, Nagpur. They explained students about how to get seed funding, importance of angel investors and other aspects of entrepreneurship.

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t. of Biotechnology Career College Bhopal







invites you to join us for

Free Webinar Series

SCIENCE MATTERS

A Science forum to connect scientist to students and teachers on cutting-edge scientific topics.



Lecture Topic

Healing Microbes : Probiotics

Tuesday 4th August 2020 3:30 pm

Dr. Himanshu Kumar Senior Scientist(Microbiology) Danone - Nutricia Research Netherlands (Holland)

PROBIOTICS: Microorganisms for Healthy Life

Probiotics promote a healthy balance of gut bacteria and have been linked to a wide range of health benefits. These include benefits for weight loss, digestive health, immune function and more.

DEPARTMENT OF MICROBIOLOGY CAREER COLLEGE, BHOPAL

119-2

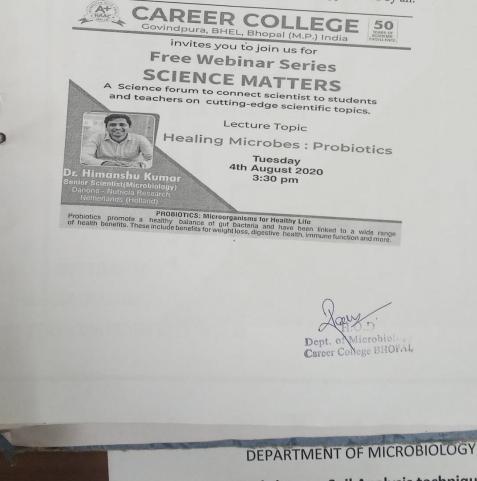
CADEMIC / RESI

Report

Healing Microbes : Probiotics

Date: 5th Aug 2020

Department of Microbiology, Career College, Bhopal organised a webinar on Healing Microbes: Probiotics by Dr. Himanshu Kumar, Senior Scientist (Microbiology), Danone – Nutrica Research, Netherlands (Holland) on 4 Aug 2020. Dr. Himanshu explained about various applications of probiotics in food and agricultural science. He also explained about the uses of probiotics that provide health benefits and how it play key role in maintaining animal's health. The webinar was attented by many participants from Indore, Nagpur, Shirpur, Bhopal, Delhi etc. The talk was highly informative and appreciated by all.



Workshop on Soil Analysis techniques

A workshop on soil Analysis techniques was organized for the students of B.Sc



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Free Webinar Series SCIENCE MATTERS

A Science forum to connect scientist to students and teachers on cutting-edge scientific topics.



Lecture Topic

DNA: Life and Human Diseases

Saturday 12th September 2020

Dr. Chitra Thakur Asst. Prof-Research Wayne State University Detroit, Michigan, USA

11:00 am

DNA:Life and Human Diseases

Genetic tests may be used to confirm diagnosis of many diseases. Predictive or predispositional genetic testing can identify individuals at risk of getting a disease prior to the onset of the symptoms.

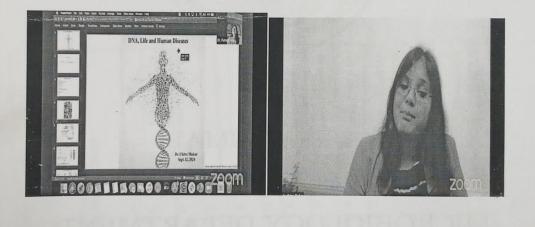
DEPARTMENT OF MICROBIOLOGY CAREER COLLEGE, BHOPAL

Report

DNA: Life and Human Diseases

Date:13/09/2020

Department of Microbiology, Career College, Bhopal organised a webinar on DNA: Life and Human Diseases by Dr Chitra Thakur, Asst. Professor Research, Wayne State University, Detroit, Michigen, USA on 12 Sept 2020. Recombinant DNA technology has applications in the analysis of an everincreasing number of genetic disorders. Dr. Chitra discusses the basic genetic principles underlying recombinant DNA techniques, their general approach to analyzing genetic disorders using these methods, and finally the practical applications of DNA analysis in genetic disease. The talk was highly informative and appreciated by all.



<u>CAREER COLLEGE, BHOPAL</u> <u>DEPARTMENT OF MICROBIOLOGY</u> <u>REPORT</u> <u>Seminar on "DNA Profiling and Bioinformatics"</u>

A one day virtual seminar was organized for the students on 28th October, 2020 by the Department of Microbiology, Career College, Bhopal through Google Meet. The Seminar was focused to introduce students to basic techniques behind DNA Profiling and Bioinformatics.

The seminar was divided in 3 sessions:

Session1:

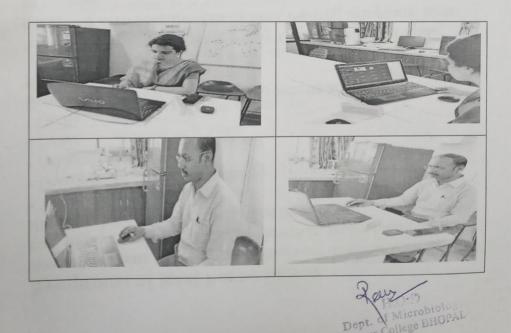
DNA Analysis and its applications by Dr. Aagosh Verma-Asst. Professor (Microbiology), Career College, Bhopal Session 2:

Bioinformatics and Software tools by Dr. Bhupendra Prasad -Asst. Professor (Microbiology), Career College, Bhopal

Session3:

Audio-Visual session to explain the intrigues of Molecular biology and its Application.

Overall the seminar was highly appreciated by all attendees.

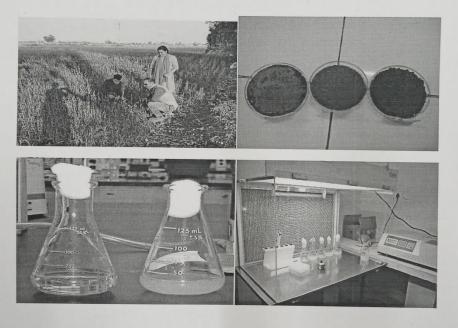


CAREER COLLEGE, BHOPAL

DEPARTMENT OF MICROBIOLOGY

Workshop on Soil Analysis techniques

A workshop on soil Analysis techniques was organized for the students of B.Sc Microbiology. Students enthusiastically participated in the event between 21-01-21 to 22-01-21. Around 23 students participated in the event. The training included sampling, preparation of sample for testing, Physical, Chemical and Biological methods of testing etc. The faculty of the Department coordinated the even with the students.



5-01-2 Head of the Department H.O.D % Dept. of Microbiology Carcer College BHOPAL

DEPARTMENT OF MICROBIOLOGY CAREER COLLEGE, BHOPAL

Report

Date : 5 Sept 2020

Webinar on "Impact of Microbial variability on food safety and quality"

Department of Microbiology, Career College, Bhopal organised a webinar on "Impact of Microbial variability on food safety and quality" by Vikas Agnihotri, Technical Director, Swastik testing laboratory, Indore on 4 Sept 2020 at 1:30 pm through zoom. Mr Agnihotri explained the term microbial variability and how the multiplication of certain microorganisms in foods prior to consumption may result in production of toxins, e.g., *Clostridium botulinum*, *Staphylococcus aureus, and Bacillus cereus*. He also proposed that the integration of strain variability in prediction of microbial kinetics is, therefore, required in quantitative microbiology to obtain a more realistic prediction; and the most robust strains can be used in parallel or in cocktails to evaluate the efficacy of certain steps along the food production chain in controlling the growth. The webinar was attended by many participants from Kerala, Bhopal, Indore, Bihar etc. The talk was highly informative and appreciated by all.

Microbiology Career College BHOPAL

DEPARTMENT OF MICROBIOLOGY CAREER COLLEGE, BHOPAL

Report

Date : 1 Aug 2020

Webinar on "Role of Microbes in Liquor Industry"

Department of Microbiology, Career College, Bhopal organised a webinar on "Role of Microbes in Liquor Industry" by Kanhaiya Lal Patel, Manager (New Product Development), BERA, Mysore on 30 Sept 2020 at 12:30 pm through zoom. Mr Kanhaiya explained in depth, the role of microbes in production of alcoholic beverages like wine, beer, whisky, brandy or rum. He also proposed some upgraded, new and refined fermentation pathways now a day's used in alcohol production. He has given brief knowledge that one should have if want to make career in liquor industry. The webinar was attented by many participants from Bhopal, Indore, Hyderabad, Bangalore, Kerala, Mysore etc. The talk was highly informative and appreciated by all.

Dept. of Microbiold Career College BHOP

Career College Bhopal

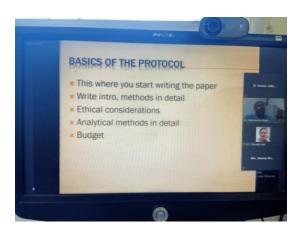
Department of Computer Science

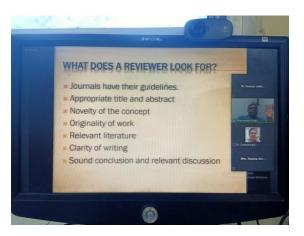
Session 2020-21

Webinar "Writing an Effective Research Paper"

Department of Computer Science has organized a webinar on "Writing an Effective Research Paper" on 16-Jan-21. Lecture was delivered by Dr. Dharmendra Singh Rajputa the resource person . The objective of the webinar was to focus on the basics of writing a research paper in an academic journal. It was not only beneficial for students, but can also as a refresher for more experienced researchers. Resource person interacted with attendees and successfully answered the queries raised during session.

Faculty and the students of the college were attended the session.





Career College Bhopal

Department of Computer Science

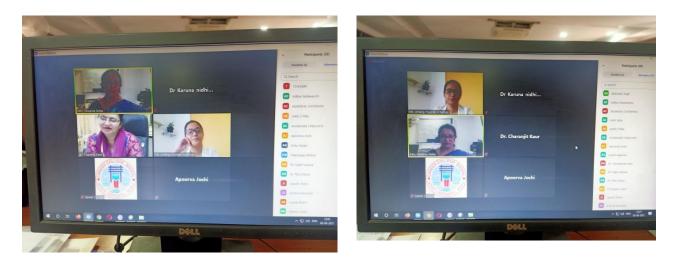
Session 2020-21

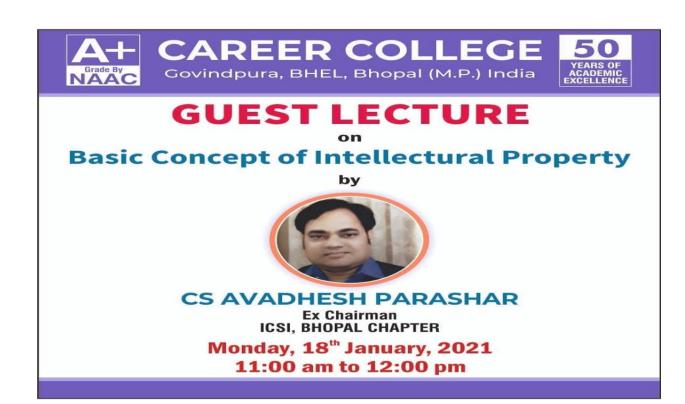
Webinar on "Social Startup"

Department of Computer Science has organized a webinar on "Social Startup" on 02/03/2021 at 12:00 noon to create awareness for Social entrepreneurship which combines commerce and social issues in a way that improves the lives of people connected to the cause.

Ms. Umang Shridhar, an ambitious entrepreneur and Director of KhaDigi, narrated her journey of Khadigi, how she has brought the change in the dismal working conditions of local weavers and artisans in a small village in Madhya Pradesh. The session was incredibly productive for the students and the staff members.

The session was attended by the staff members and the students of the college. Vote of thanks given by the Mrs .Swarna Sinha, HOD Computer Science Department .

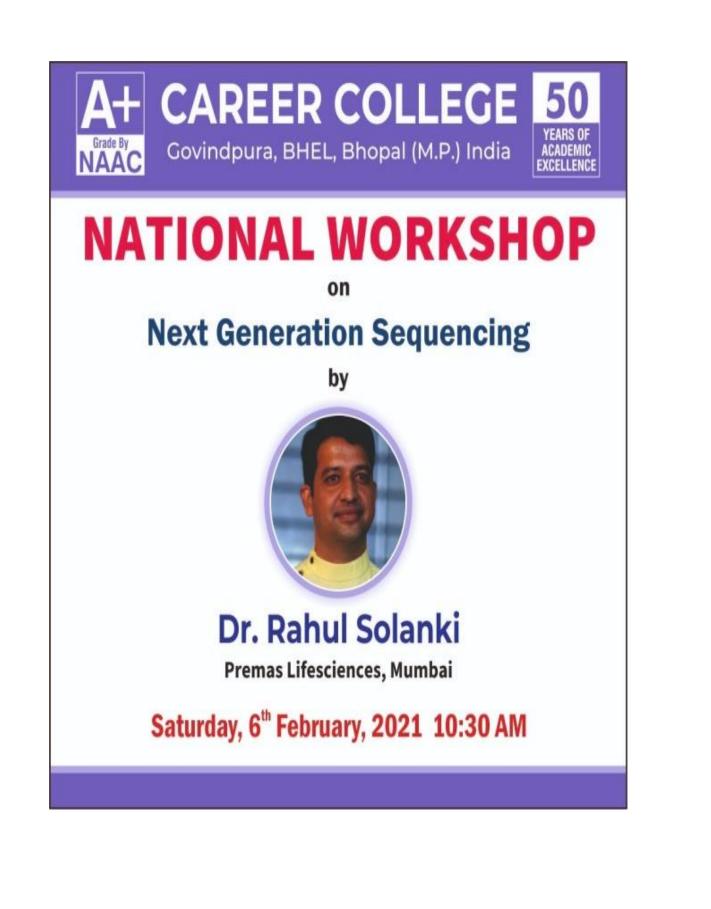




The Department of Commerce and Management organized a guest lecture on the topic basic concept of Intellectual Property Rights on 18 January 2021 at 11 am. Cs Mr. Awdhesh Parasher was the expert for the session. He discussed with students about the basics of IPR act. After attending the lecture students got knowledge about the act and its utility for them.



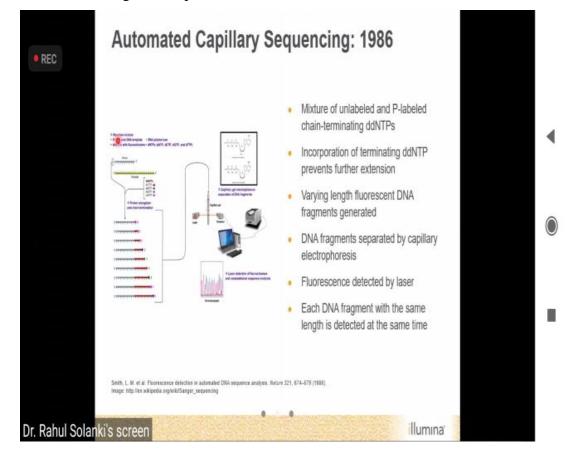




National Workshop

On Next Generation Sequencing

Department of Biotechnology and Biochemistry in association with Premas Life Sciences, Mumbai organized an online National Workshop on Next Generation Sequencing. The resource person was Dr. Rahul Solanki, Pramas Lifesciences, Mumbai. Dr. Solanki gave an in-depth insight on primer design, principle of next generation sequencing, the construct and the working of the Next Generation sequencers. Students interacted with the resource person in the query clearance session and got their queries cleared.



N. O. D. Dept. of Biotechnology Career College Bhopal



Grade By



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

Department of Computer Science



Department of Commerce & Management

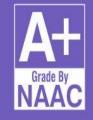
organised

MANAGEMENT DAY

Friday 26th Feb 2021 10:30 AM to 3:00 PM

- **Innovative Business Ideas**
- **Reuse of waste material**
- Look like a manager
- **Extempore advertisement**
- **Business Puzzles**

-	
Career College Bhopal	
Commerce and Management Department	
Session 2020-21	
Notice Date: 26/02/21	
MANAGEMENT DAY	
This is to inform all the students of BBA I,II &III year , Department of	
Commerce and Management is going to organising Management Day as	
on 26th February, 2021 at 11:00 am. Following activities will be	
conducted on this day :	
-	2
Activities :-	-
1. Business Puzzles.	
	100
2. Reuse of waste material	
-	
3. Look like a manager	
4. Innovative business Ideas	2
5. Extempore advertisement	
6. Management Games.	
Note:- Students can participate only one activity.	
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CAREER COLLEGE

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

EXCELLENCE

Department of library & Information Science & Department of Chemistry

Virtual Workshop

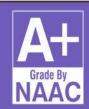
Art of Calligraphy

with



Ms. Anjali Hatewar Young Entrepreneur & Professional Calligrapher Centre for Calligraphy, Nagpur (M.S.)

26th February 2021 5:00 to 6:00 PM



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



Department of library & Information Science & Department of Chemistry

Virtual Workshop

Digital and 3D Textile Printing Technology

with

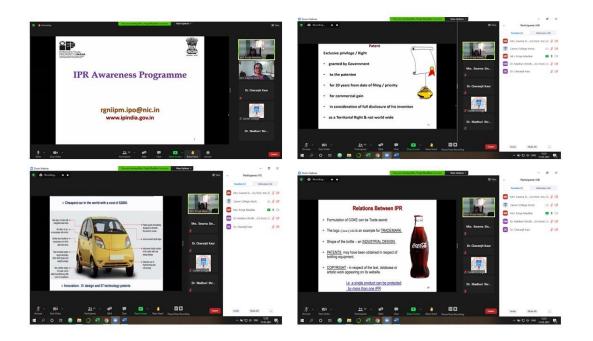


Mr. Gaurav Aggarwal Young Entrepreneur & State Project Coordinator Rajasthan Rajya Bunkari Sahakari Sangh Limited, Jaipur, Rajasthan

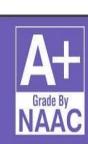
1st March 2021 12:00 to 1:00 PM

A Webinar on "Intellectual Property Rights (IPR) & Patent process"

A Webinar on "Intellectual Property Rights (IPR) & Patent process" organised by Dept. Of Computer Science on 13-03-2021. The objective of the webinar was spared awareness and basic laws about copy right, trademark, Intellectual Property Rights and Patent Process among not only faculty members but student also. The guest of the webinar was Ms. Pooja Maulikar Examiner of Patents and Design, Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur. The session was incredibly productive for the students and the staff members. Seventy faculty members and students were present.







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

50 YEARS OF ACADEMIC EXCELLENCE

Recognised under 2(f) & 12(b) of UGC Act 1956 **Department of Botany**

Organizes

Guest Lecture

on

Cultivation Methods of Medicinal Plants



Resource Person

Dr. Suman Mishra

Botany Scientist MFPPARC Minor Forest Produce Processing & Research Center, Bhopal

13th March 2021 2:30 PM



Department of Biotechnology & Biochemistry

Organizes

National Webinar

on Patenting: A Legal Process of Filing a Patent in India



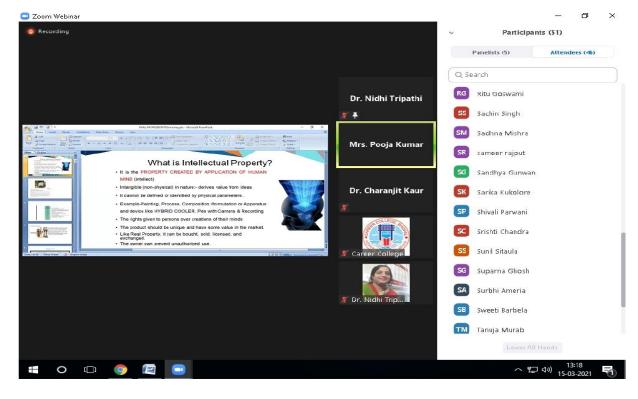
Resource Person Mrs Pooja Kumar

Founder, Director Innove Intellects LLP

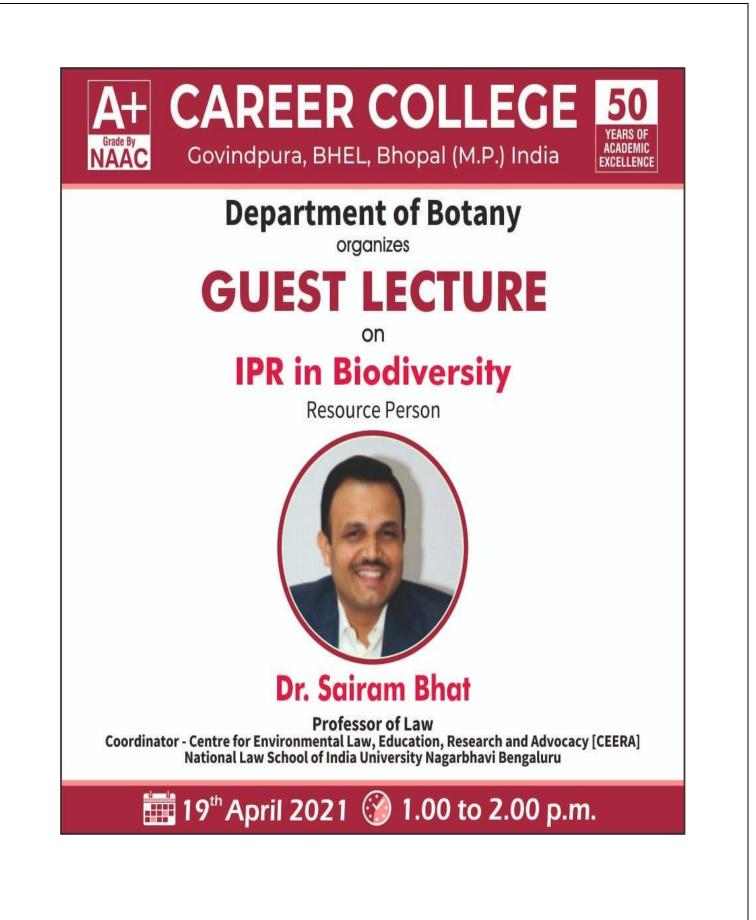
15th March 2021 1:00 PM

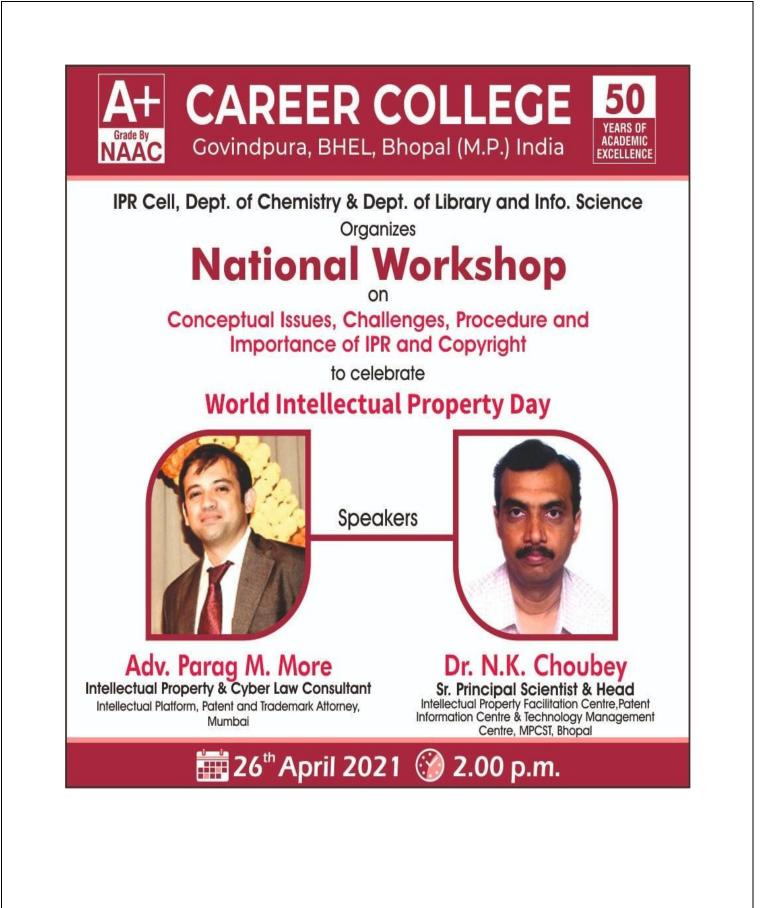
Department of Biotechnology and Biochemistry

Department of Biotechnology and Biochemistry organized a National Webinar on the topic "Patenting: A Legal Process of Filing a Parent in India" in association with Sanjeevani Arts Commerce and Science College, Khopargaon, Maharashtra on 15th March, 2021. Mrs. Pooja Kumar, (Founder, Director Innove Intellects LLP) was the resource person. She explained how patent is a helpful tool to safeguard your invention and help protect your design and discoveries. She also explained the protocol that is needed to be followed in filing a patent along with the charges to be levied for the entire process. This session followed by an interactive Q and A session in which the participants got their queries satisfied.



N. O. D. Dept. of Biotechnology Career College Bhopal



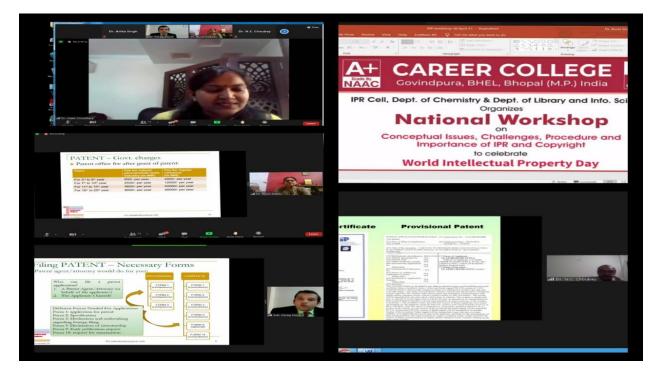


National Workshop

On

"Conceptual Issues, Challenges, Procedure and Importance of IPR and Copyright"

On 26 April 2021 IPR Cell of Career College Bhopal with Dept. of Library & Information Science and Dept. of Chemistry celebrated "World Intellectual Property Day". To commemorate, National Workshop has been organized on, "Conceptual Issues, Challenges, Procedure and Importance of IPR and Copyright" Dr. N K Choubey, Sr. Scientist, MPCST, Bhopal and Adv. Parag M More, IPR consultant, Patent Attorney, Mumbai thrown light on concepts and patent filing process. Around 70 participants across the Nation participated with full enthusiasm.





CAREER COLLEGE

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

50 YEARS OF ACADEMIC EXCELLENCE

Department of Paramedical Science

organizes



on

Intellectual Property as a Tool to Protect Innovation



Resource Person

Dr. Amita Arjariya

Professor & HOD, Industrial Microbiology Government Maharaja P.G. College, Chhatarpur (M.P.)

📺 2nd June 2021 🛞 12.00 noon

Topic- Intellectual Property as a tool to protect innovation

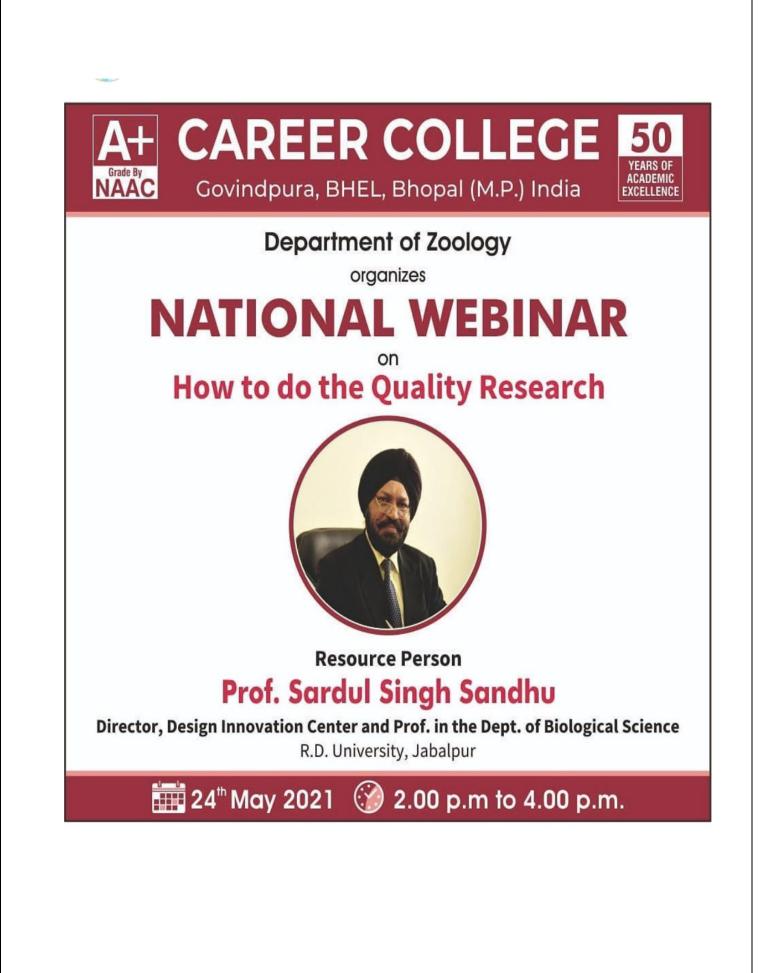
Resource Person- Dr. Amita Arjariya

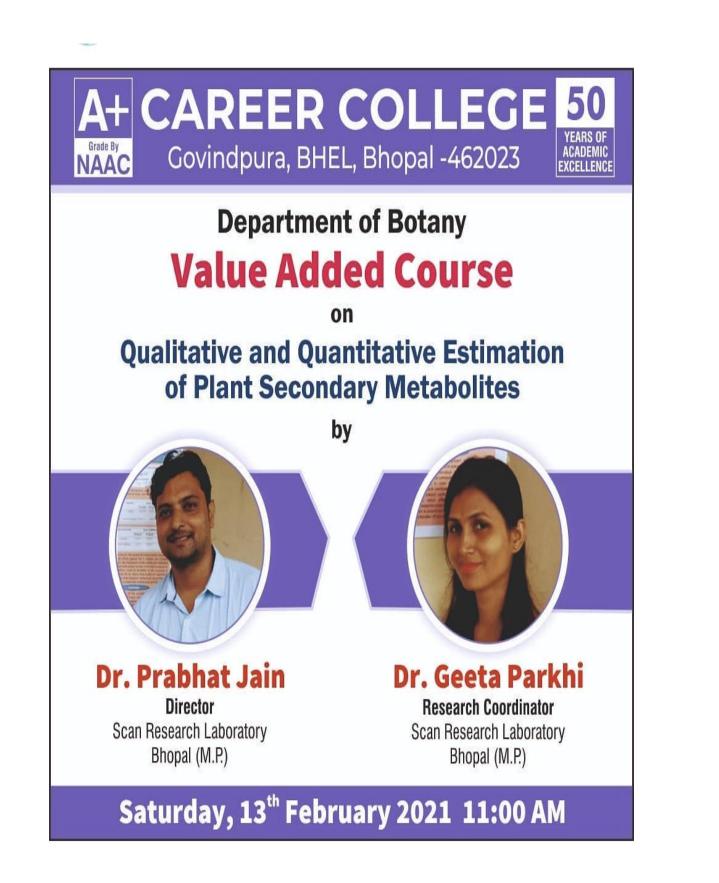
Date - 02.06.2021

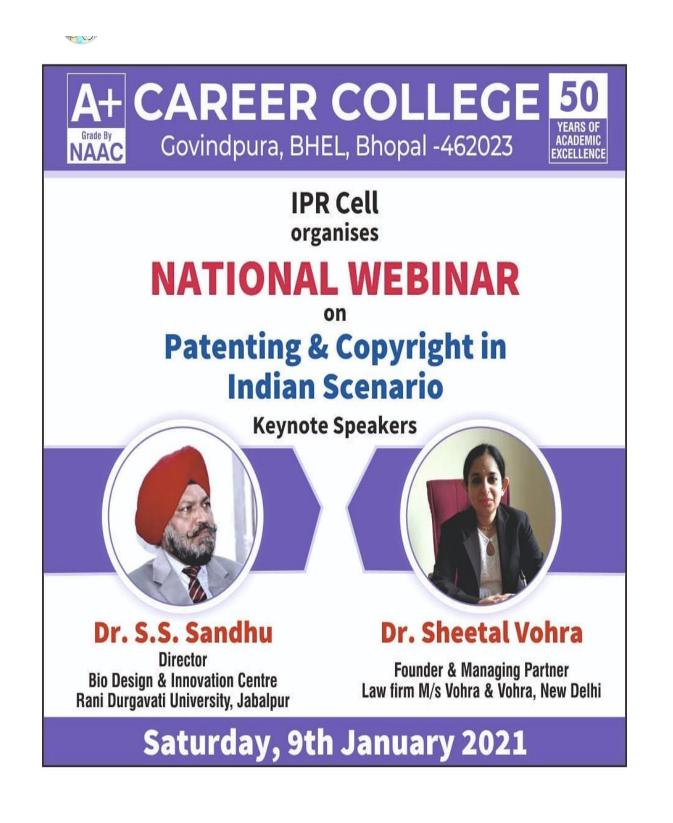
With blessings of honourable Chairman Sir and with support and motivation of respected Vice-Chairman Sir, respected Principal Madam, and respected Director Sir a Webinar on "Intellectual Property as a tool to protect innovation" was organized by Department of Paramedical. The Eminent guest Speaker was Dr. Amita Arjariya, HOD of industrial microbiology in Govt. Maharaja college, Chattarpur.

In this well attended webinar Dr Arjariya threw light on how IPR used as a tool to protect innovation. This is a subject in which we should all be deeply interested because without protection of ideas businesses and individuals would not reap the full benefits of their inventions and would focus less on research and development. It was really nice experience to have information on the topic. Faculties, Research Scholars and Students of UG and PG level enjoyed the session which was enriched with knowledge, inspiration and motivation.











Department of Commerce & Management

Organizes

NATIONAL WEBINAR

on

Basics of Research Methodology



Professor (Dr.) Anil Mehta

Management, Department of Legal Studies, Banasthali Vidyapieth, Banasthali

📰 15th June 2021 🛞 11:30 am to 12:30 pm



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



Dept. of Chemistry

organizes

International Webinar

on

Avenues of Research and Covid

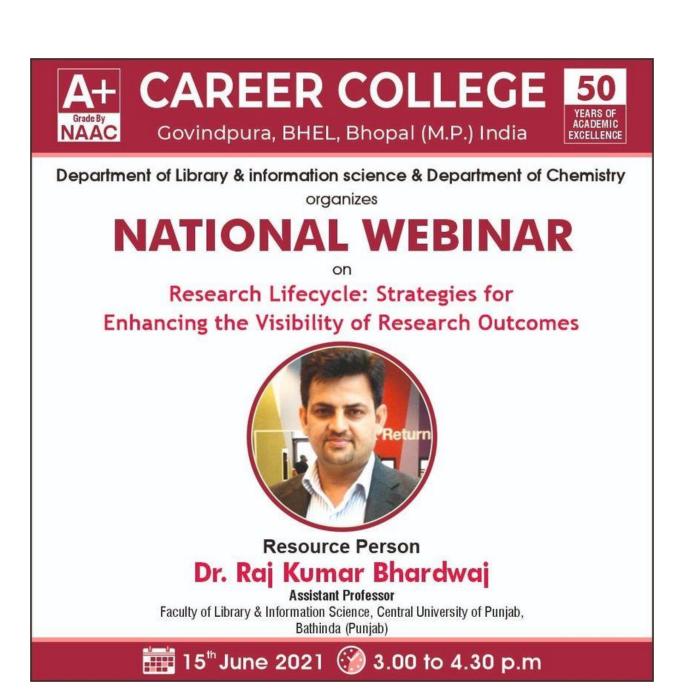


Speakers

Dr. Ulrich Berk President Homatherapie Association Germany

Dr. Indira Ghosh Retired Professor Jawaharlal Nehru University Delhi

🛗 28th May 2021 🛞 2:00 - 4:00 p.m.



DEPARTMENT OF ZOOLOGY

ACTIVITY ON INNOVATION & ENTREPRENEURSHIP

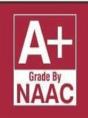
SESSION: 2021-22

A very insightful lecture by Dr. Oum Prakash Sharma sir, **Director National Centre for Innovation in Distance Education, IGNOU New Delhi**, on the topic **'Encouraging students towards Innovation & Entrepreneurship'** on 25/05/21. Our resource person Dr. Om Prakash Sharma explained in his lecture that unemployment is one of the major problems in our country and innovation and startups are the only and practical solution to overcome this problem. Around 120 participants attended the program.



A+ CAREER COLLEGE 50

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



Department of Botany organizes GUEST LECTURE

Cultivation of Medicinal Plants: Need of the Day

Resource Person

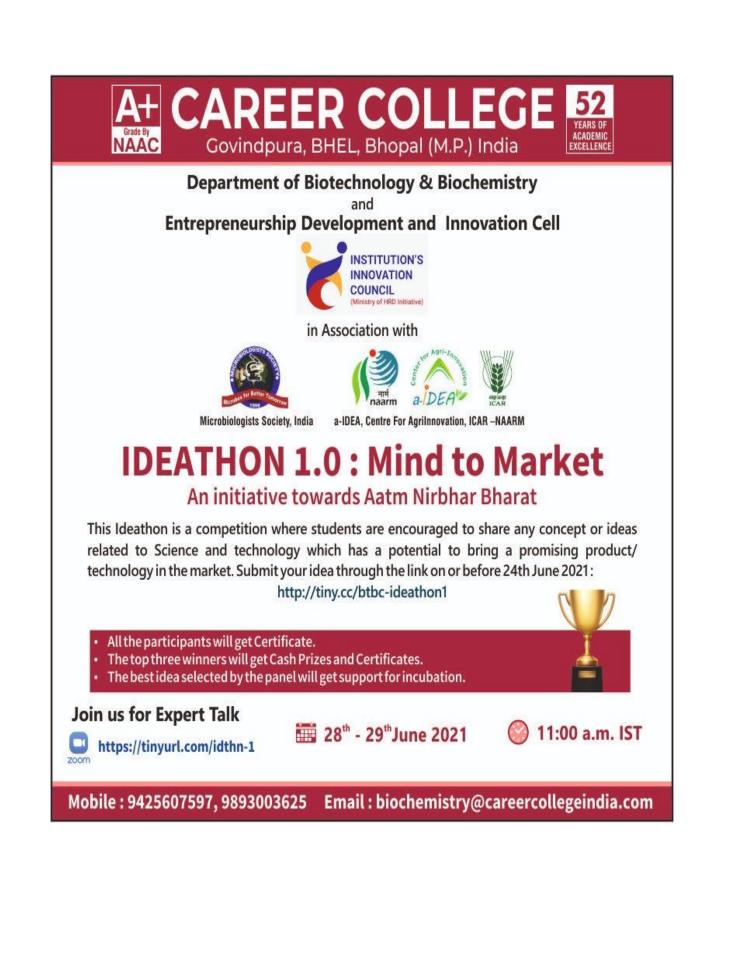


Dr. Uday Homkar

Senior Research Officer

Biodiversity and Medicinal Plant Branch State Forest Research Institute, Jabalpur (M.P.)

18th June 2021 🛞 11.30 a.m.



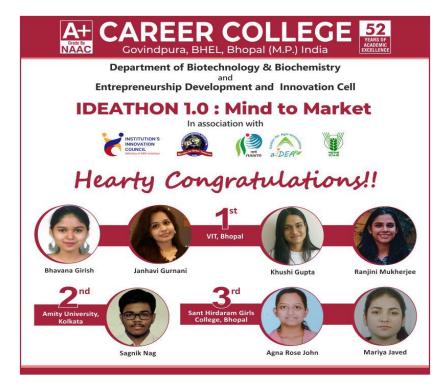
IDEATHON 1.0: Mind to Market-An initiative towards Atma Nirbhar Bharat

On 28th and 29th June 2021 Department of Biotechnology, Biochemistry and EDIC, Institution's Innovation Council, Career College, Bhopal in association with Microbiologists Society, India and a-idea, Centre for Agri-Innovation, ICAR- NAARM, Hyderabad organized an innovative event and competition 'IDEATHON 1.0: Mind to Market - an initiative towards Aatm Nirbhar Bharat' for science and technology students to showcase their ideas and inspiring talents.

Dr. Preeti Chandurkar started the event with the presentation of the theme. Dr. Arvind Deshmukh, President, Microbiologists society, India addressed the gathering and gave his blessings and best wishes. Shri Manish Rajoria, Vice Chairman, Career Society welcomed the guests and explained how essential it is to develop young minds towards entrepreneurship. Dr. Charanjit Kaur, Principal, Career College, Bhopal gave insights on how the college aids each and every budding students with potential ideas and provides support to develop them into leaders and entrepreneurs their by playing an essential role in reshaping the future of Nation. The keynote speaker of the event Prof. Pradeep Kumar Mishra, Vice Chancellor, Jharkhand University of Technology, Ranchi, spoke on Startups and the role of institutional incubation support along with entrepreneurial characteristics. 200+ participants joined this event. The session was concluded by vote of thanks by Dr. Anjali Choudhary, coordinator, EDIC and HOD, Biotechnology, Career College, Bhopal.



On second day Dr. Nidhi Tripathi and Dr. Nidhi Gujar coordinated the session and welcomed the judges of the Ideathon competition Dr. Manisha Acharya, Mentor and Advisor-Startups and Incubators, Ex-CEO Indigram Labs Foundation, Delhi and Dr. Dipika Murugkar, Principal Scientist, CIAE-ICAR, Bhopal. Dr. Charanjit Kaur, Principal, Career College, Bhopal initiated the competition with her blessings. A total of 23 groups gave their nominations out of which 8 Groups were finalized for presentation of their ideas in front of the judges. The Vote of thanks was given by Ms. Tanuja Murab in the concluding session. The winners were presented certificates and given cash prizes in which VIT, Bhopal students group namely Ms. Bhavna Girish, Ms. Jahanvi Gurnani, Ms. Khushi Gupta and Ms. Rajini Mukherjee bagged first prize. The second prize was bagged by Amity University Kolkata student, Mr. Sagnik Nag and the third prize was won by students group of Sant Hirdaram Girls College, Bhopal Ms. Agna Rose John and Ms. Mariya Javed. This innovative event was appreciated by the participants and delegates for the efforts of the departmental faculties as well as the college in providing a platform to the young and budding minds.



H. O. D. Dept. of Biotechnology Career College Bhopal

7 th International Conference(Virtual Mode) Emergence, Diagnosis, Treatment & Impact of COVID-19:A Global Health Perspective Career College, Bhopal



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Day - 1 June 30th 2021 Socio-thon Social Design Lab



Mr. Pradeep Ghosh Founder and Advisor: OASIS - A Social Innovations Lab Co-Founder and Advisor: Atal Incubation Centre - Aartech



Mr. Ajay Kumar Co-founder & Director Teach For Green



Mr. Sai Kumar S N Senior Portfolio Associate, Yunus Social Business Fund, Bengaluru

Don't just be a designer, be a designer with a mission!

Students in this competition are required to identify various problems related to sustainable development goals. These problems could be identified in the urban areas or in the rural interior regions. Students may form a team of maximum 5 people. The group has to analyse certain social problems. Problem may be related to environment, population, unemployment, hunger, poverty, extensive usage of plastic etc. In this competition, the students have to prepare a presentation based on the innovative solutions to address the chosen social problem. The Social Business idea may be in the form of a service, websites or product.

The Social Business idea for the identified problem should be:

- Innovative
- Creative
- > Topical
- Pragmatic

The proposed Social Business plan should be comprehensive and should consist of:

- A creative and innovative title
- A well-researched and defined problem

Registration link for Socio-thon https://tinyurl.com/socio-thon

Last date of registration 28th June 2021

- Well defined and innovative solutions to the problems
- Clearly laid out a business plan with a comprehensive financial plan

The rules of the competition:

- Time allotted for presentation 5 minutes
- Maximum slides expected 5
- Best three ideas will be suitably acknowledged
- Decision of the experts will be final
- > All the participants will be provided with the certificates



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