

## Annual Report 2021-22



### Career College, Bhopal,

#### A. About IIC Institute

- **Vision / Mission of IIC established at the Institute**

##### **Vision**

To achieve recognition as an institution of excellence in innovation promotion ecosystem.

##### **Mission**

- Conduct periodic workshops/seminars to expose and promote innovative thinking
- Establish Network with Entrepreneur Development and Innovation Cell
- Organize idea contests to showcase the innovative ideas
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework.
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Follow guidelines recommended by MHRD's IIC initiative

- **Journey of IIC established at the Institute**

##### Introduction

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs).

The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. MIC has envisioned encouraging creation of 'Institution's Innovation Council (IICs)' across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses.

IIC Career College is established in the year 2020-21 on 11/9/2021 with an objective

- To create a vibrant local innovation ecosystem.
- Start-up supporting Mechanism in HEIs.
- Develop better Cognitive Ability for Technology Students.

- Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.



### IIC Activity-Minutes of Meeting of Action plan for Quarter-I & II

CCB/IIC/01

Date: 04/10/2021

The following members were attended the first council meeting on 04/10/2021

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/Position assigned in IIC	Signature
1.	Dr. Charanjit Kaur	Principal	Head of the Institution	
2.	Dr. Anjali Choudhary	Asst. Professor	President	
3.	Dr. Nidhi Tripathi	Asst. Professor	Convener	
4.	Dr. Sanjeev Gour	Asst. Professor	Social Media Coordinator	
5.	Dr. Preeti Chandurkar	Asst. Professor	Innovation and Start up activity Coordinator	
6.	Dr. Shweta Sharma	Asst. Professor	IPR activity Coordinator	
7.	Dr. Anita K	Asst. Professor	NIRF Coordinator	
8.	Dr. Nikita Parsai	Asst. Professor	Internship Activity Coordinator	
9.	Dr. Swarna Sinha	Asst. Professor	Member	

#### Agenda:

1. Formulate Council, Upload Council
2. IIC Calendar Activity
3. MIC Driven Activity
4. Self-Driven Activity
5. To develop action plan of Quarter I & II (Aug to Oct – Nov to Dec 2021):

IPR coordinator and Start up coordinator presented their proposed plan of activity for the period of 3<sup>rd</sup> quarter.

B. Brief mention of key functionaries at the IIC Institute

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/Position assigned in IIC
1.	Dr. Charanjit Kaur	Principal	Head of the Institution
2.	Dr. Anjali Choudhary	Director IQAC, HOD & Asst. Professor Department of Biotechnology	President
3.	Dr. Nidhi Tripathi	HOD & Asst. Professor Dept. of Biochemistry	Convener
4.	Dr. Sanjeev Gour	Asst. Professor Dept. of Computer Science	Social Media Coordinator
4.	Dr. Swarangini Sinha	Asst. Professor Dept. of Computer Science	Member
5.	Dr. Preeti Chandurkar	Asst. Professor Dept. of Biotechnology	Innovation and Start up activity Coordinator
6.	Dr. Shweta Sharma	Asst. Professor Dept. of Chemistry	IPR activity Coordinator
7.	Dr. Anita K	Asst. Professor Dept. of Chemistry	NIRF Coordinator
8.	Dr. Niketa Persai	Asst. Professor Dept. of Computer Science	Internship Activity Coordinator
9.	Ms. Dolvina Joseph	Dept. of Biotechnology	Student Member
10.	Mr. Sagar Jaiswal	Dept. of Biotechnology	Student Member
11.	Ms. Mahi Verma	Dept. of Biochemistry	Student Member
12.	Dr. Deepika Murugkar	Scientist and Industry expert	External Member
13.	Ms. Manisha Acharya	Incubation Centre	External Member
14.	Er. Aditendra Jaiswal	Incubation Centre	External Member

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members: **08 Faculty, 03 Students, 03 External Members**
- Total No. of IAs: **06 Faculty**
- Total No. of faculty Mentors From Portal: **NA**
- Pre-Incubation Units, If any: **BIRAC E-yuva**
- Incubation Units, If any: **Entrepreneurship Development and**

## Innovation Cell

- IP Facilitation Unit, If any: **IPR Cell**

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

Career College Bhopal constituted **Intellectual Property Right cell** on 11 Sep 2020 to take care of the activities related to patents filling and evaluation, copyrights, design and other IPRs. IPR cell objectives is to create an awareness about IPR for faculties and students of the University, to conduct workshops, seminars and training course on IPR, to disseminate knowledge on patents, patent regime in India and abroad and registration aspects, to impart training on future endeavors regarding patent filing processes, to encourage faculty members and scholars to go for patentable works.

Career College Bhopal established **BIRAC E-Yuva** center to promote a culture of applied research and need-oriented (societal or industry) entrepreneurial innovation among young students and researchers. College has functional **Entrepreneurship Development and Innovation Cell** to inculcate entrepreneurial culture through fellowship, pre-incubation and mentoring support.

E. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted

Time Line	Activities	Remark	Department
<b>Quarter I &amp; II Aug to Jan</b>	Ozone Day Celebration	Offline mode	Chemistry
	Industrial Visit	Offline mode	Chemistry
	Workshop cum training on Food Adulteration	Offline mode	Chemistry
	National Webinar on Systematic Approach for Publishing High Impacted Research, Indexing and Citation	Online mode	Chemistry
	Workshop on Entrepreneurship skills- Herbal products	Offline mode	Biotechnology
	Expert Lecture on Genomic Technologies in Clinical Diagnostics	Online mode	Biotechnology
	Workshop on Entrepreneurship and Innovation as Career Opportunity	Online mode	Biotechnology
	National Webinar on Food Safety, Quality management and Career opportunities	Online mode	Biotechnology
	Industrial Visit to Bio-nutrient Pvt Ltd	Offline mode	Biotechnology
	National Webinar cum workshop on World Food Day	Online mode	Biotechnology
	Webinar on Intellectual Property Right	Online mode	Commerce and management
	Guest lecture on Career awareness in CS	Online mode	Commerce and

	profession		management
	Industrial Visit Sericulture Institute	Online mode	Commerce and management and Zoology
	National Webinar on IPR in Green technologies for Climate Change Mitigation	Online mode	Botany
	Training Programme on Instrumentation and Preservation Techniques	Online mode	Botany
	Training Program on Nursery Development management Propagation techniques	Online mode	Botany
	Workshop on Hematology & Osteology	Online mode	Zoology
	Training program on Freshwater design pearl culture	Online mode	Zoology
	Pitching ideas & linkage with Innovation Ambassadors	Online mode	Biotechnology
	Guest lecture on IPR issues in Microbiology	Online mode	Microbiology

<b>Time Line</b>	<b>Activities</b>	<b>Remark</b>	<b>Department</b>
<b>Quarter III Feb to April 2022</b>	Industrial Visit to BPCL LPG gas bottling plant	Offline mode	Chemistry
	Intellectual Property Awareness Program under NIPAM	Online mode	IPR cell and Chemistry
	National Science Day Celebration	Both	Biotechnology, Chemistry and Computer Science
	International Webinar on Social Business Design competition and Mentorship program	Online mode	Chemistry
	Poster Competition on World Water Day	Online mode	Chemistry
	National Webinar cum workshop on Bio entrepreneurship- Translating research to Innovation	Online mode	Biotechnology
	National webinar on My story- Motivational Session by Successful Entrepreneur	Online Mode	Biotechnology
	Celebrated Management Day	Offline mode	Commerce and Management
	Visit to MFP Parc	Offline mode	Botany
	Guest lecture on Side effects of Excess intake of Fluoride in Human & measures of Protection from it	Online	Zoology
	21 <sup>st</sup> Century Skills: IPR in Digital World	Online	IPR Cell
	Urja Saksharta Abhiyan	Online	Dept. of Computer Science

<b>Time Line</b>	<b>Activities</b>	<b>Remark</b>	<b>Department</b>
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<b>Quarter IV May to July 2022 (Include Semester Break)</b>	Progress Monitoring and Upload of 3rd Quarter Action Plan with Minutes of Meeting of Council	Mandatory	EDIC IPR Cell
	Waste disposal campaign for sustainable society by adopting 3Rs	Offline mode	Chemistry
	Seminar on Expand beyond Horizon of learning	Offline mode	Chemistry
	International Conference on Advanced Research Strategies for Sustainable Development	Online mode	Chemistry
	Research Webinar on Recent Advances in Field of Chemical Sciences for Sustainable Tomorrow	Online mode	Chemistry
	Visit to Innovation Incubation Centre for Entrepreneurship (IICE) IISER Bhopal	Offline mode	Biotechnology
	Ideathon 2.0 Competition An initiative towards Aatm Nirbhar Bharat	Online mode	EDIC Cell, Biotechnology and Biochemistry
	World Environment Day	Online mode	Green Cluster

- No. of student's & faculty ideas generated: 02
- No. of student's & faculty Innovation/prototypes developed

#### **04 Faculties**

- No. of IPs generated, published and granted

#### **03 Granted**

#### **03 Published**

- No. of Student & Faculty Start-ups/Ventures established.

#### **01 Student**

- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: **25000**
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: **5000**
- No. of Technology Transfer and Commercialisation happened: **NA**

F. Highlight few best IIC Faculty/Student members and their achievements/  
Rewarded for the innovations at different forum  
[Profile of few faculties with 2-3 line of their achievements]

#### **Dr. Nidhi Tripathi: Convener IIC**

- She very well organized various activities and pitch sessions to promote start-ups

- in the campus.
- She is mentoring 2 students for innovation.

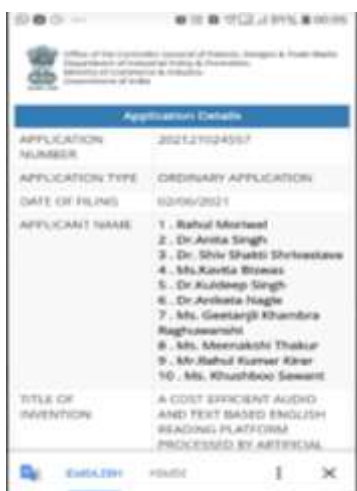
**Dr. Preeti Chandurkar: Innovation and Start-up coordinator**

- She organized Ideathon 2.0: Waste to wealth An initiative towards Aatm Nirbhar Bharat and mentoring 2 students.
- She is a coordinator of BIRAC E-yuva center.

**Dr. Shweta Sharma: IPR Coordinator**

- Being a coordinator she wonderfully organized activities related to IPR.

**G. Highlight selected best Innovations & images with mention of inventor/innovation name:**



H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name:

Skin Ethics, Production of Herbal Products

Founder: Ms. Shweta Sisodiya

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation: NA

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- ARIIA – participation and Rank

#### **Participated**

- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation

#### **Adopted NISP, Policy formulated and Implemented**

- Smart India Hackathon etc.

#### **Ideathon 2.0: Waste to Wealth- An initiative towards Aatm Nirbhar Bharat on 28<sup>th</sup>- 29<sup>th</sup> July 2021**

K. Detail of Social Media & Connections of IIC institute

**Facebook page Name:** CAREER COLLEGE BHOPAL

**Instagram page Name:** careercollegebhopalindia

**Twitter page Name:** Career College, Bhopal

**LinkedIn Page Name:** Career College Bhopal

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

- An excellent initiative b MOE in the form of IIC to enhance the innovation and entrepreneurial culture among the students. I have benefitted a lot after attending the basic training sessions of Innovation Ambassador-

Dr. Shweta Sharma, IPR Coordinator and Innovation Ambassador

- An excellent institution for young minds to develop themselves. Extremely committed faculty and management who could shape the lives of budding entrepreneurs. Wishing IC Career College the very best in achieving its vision.

Dr. Pooja Pandey. BETi, External Expert In Lecture Based on Entrepreneurship



- Being an IC member, learned about filling a Patent, organizing Start-up and Innovation expert Talks at the Department Level for the benefit of Society, and attended training sessions organized by the institute and MHRD

Dr. Preeti Chandurkar, Start-up and Innovation Member and Innovation Ambassador- Basic Level

- It is a great opportunity for me to be a part of IC Career College. It is a great path for future innovations and a great initiative from our institution. It is the right platform to explore ourselves and develop our skills. I have learnt leadership skills

Ms. Dolvina Joseph, B.Sc. Biotech, IIC student member.

- IC is one of the best initiatives from our institution, which is a great platform for innovations in our country. It is a pleasure to be a part of IC Career College, Bhopal

Mr. Sagar Jaiswal, B.Sc Biotech, IIC student member

## M. Images

The poster features logos for NIPAM, the Government of India, and the Ministry of Education. It prominently displays 'A+ CAREER COLLEGE' with NAAC accreditation and '53 YEARS OF ACADEMIC EXCELLENCE'. The text states: 'In collaboration with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM) (Under National Intellectual Property Awareness Mission) organizes ONLINE WORKSHOP on Intellectual Property Rights & Patents and Design filling'. A portrait of Himanshu Chandrokar, Examiner of Patents & Designs at RGNIPM, Nagpur, is shown. The event is scheduled for 6<sup>th</sup> May 2022 at 11:15 am.

The poster features the 'A+ CAREER COLLEGE' logo with NAAC accreditation and '52 YEARS OF ACADEMIC EXCELLENCE'. It identifies the 'Dept. of Biotechnology & Biochemistry' and 'Women Empowerment Cell & EDIC' as organizers. A portrait of Mrs. Shweta Sisodiya is shown with the title 'Resource Person'. The event is a 'NATIONAL WEBINAR' titled 'My Story' - 'Motivational Session by successful entrepreneur', held on 5<sup>th</sup> March 2022 from 2:00 pm to 3:00 pm. The website www.careercollegeindia.com is listed at the bottom.

**A+ CAREER COLLEGE** 53 YEARS OF ACADOMIC EXCELLENCE  
Govindpura, BHEL, Bhopal- 462023

**World Environment Day**  
5<sup>th</sup> June 2022  
Theme: "Only One Earth"

**Green Cluster, NCC & NSS** announces  
Activities/Competitions

- Plantation at Career College Campus
- Cleanliness Campaign at Career College Campus
- Sign Writing (Online): Handwritten
- Opinion (Online): Handwritten

**Points to Remember:**

- Entry provide your name, class, name of College/University, full address, mobile number and Email along with your entries in the competition.
- All participants must provide an original slogan of upto 20 words and relevant to the theme of the event.
- Slogan writing can be written either in English or Hindi.
- Slogan to be written on one side in the English/Hindi language from 20 to 300 words.

**Last date of submission - 5<sup>th</sup> June 2022**  
Send your entries at: [greencluster@careercollegeindia.com](mailto:greencluster@careercollegeindia.com)

- Participants will be awarded E-Certificate of Participation in their respective competitions.
- Top Three Winners of each competition will also be awarded E-Certificate in order of ranking in the respective category.

For more details contact : 9752545506, 9981218869, 9039715195

**A+ CAREER COLLEGE** 53 YEARS OF ACADOMIC EXCELLENCE  
Govindpura, BHEL, Bhopal (M.P.) India

**E-YUVA CENTRE** and  
**Department of Biotechnology & Biochemistry**

**riidl** In association with  
**INDIAN INSTITUTE FOR CULTURE**  
**Horticulture 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 25<sup>th</sup> June 2022:  
<http://tiny.cc/ideathon-2>

- All the participants will get Certificate.
- 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/ideathon-2> | Join our WhatsApp Group: <https://tiny.cc/ideathon-whatsapp> | 30<sup>th</sup> June 2022 | 12:00 noon IST

Mobile : 7869557217, 9425607597 | Email : [eyuva.birac@careercollegeindia.com](mailto:eyuva.birac@careercollegeindia.com)

**A+ CAREER COLLEGE** 52 YEARS OF ACADOMIC EXCELLENCE  
Govindpura, BHEL, Bhopal (M.P.) India

**birac** **riidl** **INDIAN INSTITUTE FOR CULTURE**

**NATIONAL WEBINAR cum WORKSHOP**  
on  
**BIO-ENTREPRENEURSHIP TRANSLATING RESEARCH TO INNOVATION**

Keynote Speaker




**Dr. Pooja Dubey Pandey**  
Founder and Managing Director  
Biotech Era Transforming India- BETI Innovative Pvt. Ltd. Indore

Monday, 14<sup>th</sup> March 2022 @ 12:00 Noon

**A+ CAREER COLLEGE** 52 YEARS OF ACADOMIC EXCELLENCE  
Govindpura, BHEL, Bhopal (M.P.) India

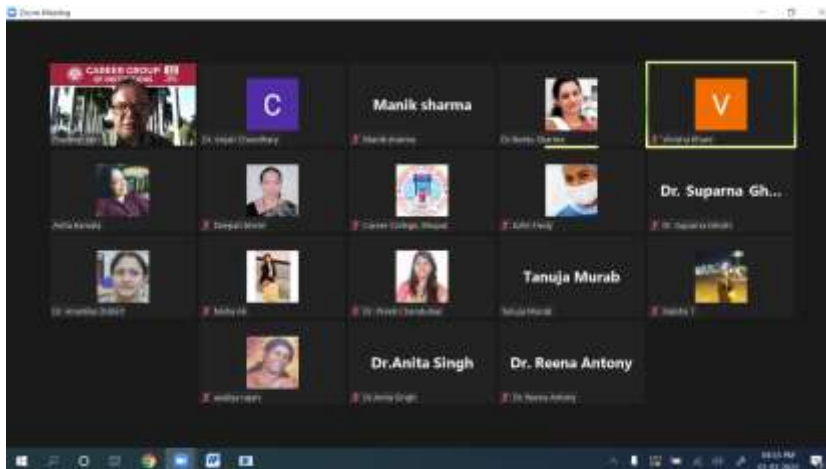
**Department of Microbiology** Organises  
**GUEST LECTURE**  
on  
**IPR issues in Microbiology**



**Dr. Kiran Singh**  
Department of Biological Sciences,  
**MANIT, Bhopal**

20<sup>th</sup> Jan. 2022 @ 12:00 Noon

IIC Meeting 1





IIC Meeting 2



Workshop



Management Day

N. Contact

**Prof. Charanjeet Kaur**  
**Principal**  
**Career College, Bhopal**  
**Opposite Dussehara Maidan, BHEL,**  
**Bhopal**  
**462023**

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