

Career College, Bhopal

Annual Report for session 2020-21

Career Group of Institutions under the aegis of Career Society for the past 52 years has been meaningfully engaging itself in moulding the career of not only students but also of the future society. The college is affiliated to Barkatullah University, Bhopal and accredited A+ Grade in its third cycle by National Assessment and Accreditation Council (NAAC), Bangaluru. Career College has been conducting professionally recognized career-oriented courses in emerging fields of Commerce and Management, Computers, Biotechnology, Microbiology, Biochemistry, Botany, Chemistry, Zoology, Library and Information sciences, Paramedical, Law and Nursing, with a firm commitment to academic excellence for career achievements, a head start on the track to success through pragmatic approaches.

The academic session 2021-22 witnessed some of our great achievements and activities in both academic and non-academic arenas and by maintaining the legacy of excellence. We have 27 merit holders from our college in Barkatullah University. Mr. Neelesh Gupta of B.Sc(Maths) was the Gold Medallist in University Merit in the year 2020.

In the last year we had 19 students and before that we had 18 stars students in the University merit list. Our college management has been providing motivation and encouragement to meritorious students by providing up to 99% scholarships and cash awards.

International and National Webinar

We build careerites who are professionally enriched, socially responsible, bear high moral values, emotionally stable and always dedicated to serve the country for excellence in various fields. Hence, we keep on skilling our students through exposure to national and international platforms.

IQAC cell hosted a National Webinar on “Quality Initiatives in Higher Education through Teaching, Learning, Research, Innovation and Outcome based Programmes” in collaboration with UGC on 26th June 2021. More than 500 participants attended the webinar from all over the country. An International Webinar on “Avenues on Research and Covid” was organized by Department of Chemistry. The resource persons were Dr. Ulrich Berk from German Homotherapie Association, Germany and Dr. Indira Ghosh, Rtd. Professor, JNU. International Webinar cum World Environment Awareness Week on “Environmentally Benign Technologies: An Urge for Sustenance” was organized by Department of Chemistry in association with ACT (Association of Chemistry Teachers) from 07/06/2021-12/06/2021, Resource persons were Muthupandian Ashok Kumar, Deputy Vice Chancellor, University of Melbourne, Australia and by Dr. Sameer Sapra, Professor, Department of Chemistry, Indian Institute of Technology.

An International Webinar on the topic “AAROGYAM: Illness to Wellness was organized by department of Biotechnology and Biochemistry. Webinar on ‘Probiotics: Health Benefits and Applications for Developing Healthier Foods’ was organized by Department of Botany. An online workshop on “Python Programming Language” was organized by Department of Computer Science. International Webinar on Healing Microbes: Probiotics and DNA life and Human diseases were organized by Department of Microbiology, speakers were Dr. Himanshu Kumar Prasad, Holland, Dr. Chitra Thakur, USA, Ms. Maryada Bohra, Cork University, Ireland. National Webinar on Role of Microbes in Liquor Industry and Impact of microbial variability on food safety and Quality were also organized by Department of Microbiology. A Webinar on “IT literacy through Free Open-Source Software (FOSS) was organized by Computer Science department.

Workshops

Solar ambassador workshop in collaboration with Energy Swaraj foundation, “Histopathology Technique”, ‘Innovations in Fermented Food’, “Python Programming Language”, workshop on OSLs, Web Page design & Graphical Design, Workshop on Digital and 3 D Textile Printing Technology and a National Workshop on

Next Generation Sequencing in association with Premas Life Sciences, Mumbai and so many others were conducted by different departments.

IPR Awareness

We are always a step forward to keep in tune with all national initiatives. National IPR Policy has also been keenly concentrated to give boost to creativity & innovation, to build competitiveness and thus contribute to scientific and economic growth of nation. Covid was unable to limit our performance in this regard and we continue with our spirit and would not be a superlative if we say we led in our city by organizing more than 20 programs in the session 2020-21, such as national workshop on “Conceptual Issues, Challenges, Procedure and Importance of IPR and Copyright, Intellectual Property Rights (IPR) & Patent process, ‘IPR in Biodiversity’ under Theophrastus Lecture Series. “Basic Concept of IPR”, Intellectual property Rights: Its Fair use for Teachers and Students and many more.

SPACE

Regressive societal and community issues such as child abuse, drug addiction, sexual abuse, gender discrimination, use of polythene, menstrual and menopause challenges, sanitization issues, road safety, fire safety, health ignorance etc. are our foremost concern to mark the presence of institute and make our students responsible citizens.

Therefore, we encourage co-curricular activities under **SPACE** (Sensitization Program against Community Evils) to raise their voice against such social or community evils/taboo and make our students a responsible citizen who are socially responsible. To mention a few, in spite of covid cruciality, we organize Raise and Rise: Sensitization program on child abuse, Health awareness activity at Ekta Nagar Basti in collaboration with NidaanSeva Samiti, Mask and sanitization distribution, Fund raising for girl child, Gender sensitization cum awareness workshop with Nidaanseva samiti (NGO), The clothes donation, book donation, activities for differently abled children in association

with NSS unit, Nitya Ananta Welfare Society, Bhopal and Blind Cricket Association. These activities help us to groom our students into a committed and socially responsible citizen who can feel pain of underserved and can raise them to higher standards.

Placement and Entrepreneurship Development

We have very proactive Training and Placement cell which not only provide job but also provide professional trainings to equip them to face the ground of reality with ease. This year 75 renowned companies like L&T, TCS, Lupin laboratories, Food corporation of India, ICCICI bank, Indian Army, Pukhraj healthcare, Symbiotic Pharmaceuticals Pvt. Ltd, CFTRI, visited to our campus and more than 55 gems were studied in their organizations with package offered around 10 lakhs.

We have an **Entrepreneurship Development** Cell to focus on variety of entrepreneurial skills to develop soft skills start- up knowledge, business strategies, financial awareness and managerial literacy, so that our stars shine at global sky of various renowned institutes or organizations. To keep pace with our vision, a few to mention here are- a webinar on "Career Prospects with NHS-UK for Paramedics", Short Term Certificate Course Open Sources Library Software's, "SOUL 3.0 Version & N-List, Library Routine and Technical Work", Banking & Finance (CPBFI) under the collaboration of Bajaj Finserv, Bhopal, M.P. "PAN CARD, ITR & GST FILING System" with Institute of Company Secretary of India, Bhopal Chapter (ICSI). "Eco-Friendly Ganesha under the theme "Vocal for Local" along with 'Environmental Planning & Coordination Organization (EPCO), Bhopal, certificate programme on "Office Automation" under the UCG- NSQF and "NGO Management". Value Added Certificate Course on 'Qualitative and Quantitative Estimation of Plant Secondary Metabolites' an Entrepreneurship Development Program, with EDIC, "Fermentation Technology", EXOTICA- Formulation of Herbal Products, "Entrepreneurship Skills for Youngsters in Digital World", Short-term certificate Course on QSAR and drug designing (Approaches & Applications) in association with Buxani, University of Virgin Island, USA, these are some glimpses of our efforts to enrich our academics with supportive measure.

Guest Lectures

To infuse with the hues of different personality traits and human values as well to supplement curriculum, guest lectures were regularly organized by our different departments and cells such as guest lecture on Concepts of Bioenergetics, effective Research Paper Writing, Spectroscopy and its Applications, Quantum Mechanics, Social Media Crimes and Securities, Importance of Human Values and Professional Ethics in Higher Education, **Rheumatological Disease and Investigations**, Blood Bank, carbon marketing, Role of youth towards society, time management, Skill Requisites for Job Prospects, Youth & Spirituality, Consumer Rights and Stress Among Students, Basics of Research Methodology and many more. The Personal assessment and development cell of our college conducts Regular English Communication skill Classes, Regular Personal counselling sessions by trained counselor.

Women Empowerment

We believe that empowering women is empowering society and hence the entire nation. So, to promote women's worthiness, to make them determined to put their own view point and to inspire change in society, number of activities are organized through women empowerment cell throughout the year collaborating with NGOs' and social reformers. Doodle competition was organized on Contribution of women in science, we did an online Survey on women rights, gender equity program, awareness program on women Health and hygiene with special reference to PCOD, menstrual health etc. and in addition every year we organize women's day with full zeal and enthusiasm.

Educational Tours

Making our students globally relevant is the need of the hour and together with academics we make sure that our students understand the professional world, for this every year we organize educational and industrial visits at regular intervals. But due to pandemic session 2020-21 witnessed virtual tours to different industries such as

Kurusimala Dairy Farm, Kerala, training on Microbiological staining techniques and water quality analysis, virtual blood bank visit to Red Cross Bhopal.

Commemorative Days

At our institute, we celebrate many days to infuse social, international, economic, festive, national values. In due course of celebration, we celebrated, Heart Day, National Science Day, world disability day, world food safety Day, International yoga day, World Organ Donation Day with Career Institute of Medical Sciences. Management Day, Dr. Raganathan Jayanti and Library Day, World Literacy Day, National Energy Conservation Day, Environment Day, Earth Day, World Tuberculosis Day. Birth Anniversary of Dr. P.C. Ray, Ozone Layer Preservation Day, Human Rights Day, Republic Day, Independence Day, Women's Day, Ambedkar Jayanti, Gandhi Jayanti etc. are a few towards creating respect and infuse national values.

Environmental Sustenance

Another very active cell of our college is the green cluster which deliberates for the conservation of environment. We at our institution, are highly concerned about the environmental welfare and implement various measures such as sapling and Seed Ball Distribution, we have distributed seed balls to all the visitors, various schools, students, NGOs' to aware them towards plantations and environmental conservation, plantation programme with CPA, NCC/NSS, plantation week, Swach Bharat Abhiyan, Hariyali Mahotsav and many such initiatives to promote environment conservation. We collect e-waste and dispose off every year to concerned authorized disposal agency Unique Eco recycle lab. In addition, we use solar energy and conserve it too in form of electrical energy. Every year we also perform environment and green audit. With pride we feel immense pleasure that Career College has received the such as Environment Ambassador award by Govt. of Madhya Pradesh for our noble initiatives toward environment.

NSS/NCC

The College has a NSS unit of around 100 social workers who are regularly involved in activities like blood donations, plantations, Road safety activities, literacy awareness and many more. It also has a NCC troop comprising of 53 cadets both girls and boys. During the pandemic adversity students of NCC and NSS rendered their services tirelessly day and night providing relief to sufferers the maximum they can.

Sports

The College follows the sports calendar of higher education dept. and Barkatullah University. Covid 19 has limited us for outdoor sports meet although our sport stars have participated in various sport events and brought laurel to the college.

Library

The Career College library acts as the fulcrum of support to the academic activities of the college. There are total of 24685 books, 9346 Law and 3583 Nursing Books together with 100 Journals, 24 Magazines.

MoUs

The College has created MoUs and linkages with renowned International Universities like Deakin University Australia, Harvard University. We have also established MoU with Younus Social Business Centre (YSBC) for social business initiative to pull up the underserved and enhance and imbibe them with employment skills. In addition, we have MoUs with other partners like German Association of Homa Therapy, Germany, CJ Gelatin, Lupin Laboratories, IIT Bombay. Core IIT solutions, Go Daddy, Tathya Forensic, IES University, RTM University, Nagpuretc and have around 100 linkages including national and International organizations/ Research labs and industries.

FDPs

College continuously strives to organize Faculty Development Programme for the upgradation of teaching as well as non-teaching staff members. In this session 17 FDPs

were conducted such as FDP on Art of Happiness, Positive Healing, Verbal expression, MPCON online FDP on Entrepreneurship, Importance of Human Values and Professional Ethics in Higher Education etc.

Faculty Achievements

Our teachers are always setting high standards and serving as role model for their students by the accolades earned. To mention some recent accolades here-


- Dr. Ruchi Dubey Sharma and Dr. Anita Singh from Department of Chemistry have 1 patent each published to their credit.
- Dr. Gurusharan Kaur has patented her work titled "Tribological Processed Solid Super Lubricity Carbon-Based Drills under Australian Government-IP Australia on 21-Aug-20.
- Dr. Reena Antony of Microbiology Department Invited as speaker at Govt. Sahganj College Sehore on NAAC Guidelines under UGC PARAMARSH Scheme.
- Dr, Bhupendr Prasad of Microbiology Department Deputed as Review Member in Journal of Emerging Technologies and Innovative Research.
- Dr. Jaswinder Mehta from Department of Botany Invited as Resource person in National Webinar on Criterion I organised by state Level NAAC Cell, Department of Higher Education Govt. of M.P.
- Dr. Preeti Chandurkar of Biotechnology Department has been deputed as a Convenor of Nutrition Society of India, Bhopal Chapter.
- Dr. Ruchi Dubey Sharma acted as keynote speaker in SAGE University Bhopal, IES University, Bhopal, University of Engineering and Technology, Bikaner Technical University, Bikaner, Rajasthan, NRI Group of Institutions.
- Dr. Anita Singh acted as keynote speaker in Saifia College, Bhopal and Khalsa College for Women College, Ludhiana.

- Most of the faculty members have been shortlisted and completed successfully the Faculty Development Program conducted by Higher Education, M.P for development of E content.
- Dr. Suparna Ghosh, Dr. Shweta Sharma, Dr. Anita K., Dr. Ruchi Dubey Sharma and Anita Singh became life members of Association of Chemistry Teachers.
- Dr. Ruchi Dubey Sharma, Dr. Suparna Ghosh, Dr. Shweta Sharma, Dr. Anita K and Dr. Anita Singh, Dr. Reena Antony published a chapter in the book @Taylor & Francis.
- Dr. Anjali Choudhary from Department of Biotechnology has appointed as a resource person in Higher education NAAC and Sant Hirdaram College, Bhopal
- Dr. Ruchi Dubey Sharma, Dr. Suparna Ghosh, Dr. Shweta Sharma, Dr. Anita K and Dr. Anita Singh published a chapter in the book Immunity Boosters of Medicinal Plants @ Blue Rose Publisher.
- Dr. Anjali Choudhary of Biotechnolgy Department Invited as resource person for conducting FDP on NAAC Guidelines under UGC PARAMARSH Scheme. at Govt. College Sarni.
- Dr. Anjali Choudhary, Dr. Nidhi Tripathi and Dr. Preeti Chandurkar of Biotechnology and Biochemistry Department were Invited as a speaker at Govt. College Sarni under UGC PARAMARSH Scheme.
- Dr. Shweta Sharma and Dr. Anita Singh acted as evaluators in National Children Science Congress at Sam Global University, Bhopal.
- Dr. Priyanka Kurup, Dr. Neetu Sharma and Ms. Shreedevi Nair from Department of Commerce and Management were Invited as a speaker at Govt. College Sarni under UGC PARAMARSH Scheme.
- Dr. Suparna Ghosh, Dr. Shweta Sharma, Dr. Anita K and Dr. Ruchi Dubey Sharma, Dr. Sanjeev Gour and Dr. Jayanti Jhariya were appointed as approved supervisors by Barkatullah University, Bhopal

- Dr. Ruchi Dubey Sharma, Dr. Anita Singh and Dr. Shweta Sharma acted as Reviewer in Journals @ Elsevier
- Dr. Suparna Ghosh and Dr. Ruchi Dubey Sharma of Chemistry Department were Invited as resource person for conducting FDP on NAAC Guidelines under UGC PARAMARSH Scheme. at Govt. College Dobi.
- Nearly each and every teacher has served as resource person to serve the academic fraternity in one and the other way. There is an unending list of accolades to display proving the strength and potential of our teachers and students.

Besides all these achievements, the college is been providing regular Spoken tutorial courses by IIT Bombay IIT Bombay has designated Career College as Super Resource Centre to promote IT literacy in India., ERP-TALLY by NIIT, NPTEL, Swayam, and other renowned international platforms has also been introduced such as coursera for enriching international skills. We have also been accorded as the study centre for IGNOU course.

Our students this year have qualified in competitive exams from various dept like Law, Commerce, Chemistry, Biotechnology, and Microbiology in exams like Civil Judge, CA, GATE, MAT, SET, IELTS, NET etc.



PRINCIPAL
CAREER COLLEGE
GOVINDPURA, BHOPAL

CAREER COLLEGE, BHOPAL

Internal Quality Assurance Cell (IQAC) Academic & Administrative Audit Report Session – 2020-21

Date: 27/11/2021

Name of the Institution		Career College, Bhopal
Establishment of IQAC		July 2007
Name of The IQAC Co-ordinator & Director		Mrs. Swarna Sinha Dr. Anjali Choudhary
Number of IQAC meetings conducted in 2020-21		04
Audit Parameters		
Sl. No.	Items	Remark
1.1	Academic Calendar	The academic calendar of the higher education is strictly followed
1.2	Action plan for Academic departments	Very well framed as per academic calendar
1.3	Action Plan for Working Committees	Excellent
1.4	Admission policy and fulfilment of reservation norms	As per the Higher education norms
1.5	Scholarship disbursement	Records were maintained for government and institutional scholarships
1.6	Curriculum enhancement	Appreciable efforts have been made
1.7	KSA- knowledge skill assessment	Advanced, slow and weak learners are identified at the start of each academic session
1.8	Teaching Learning Evaluation	Different modes were used
1.9	Application of ICT in teaching learning	Both teachers and students are encouraged to use ICT
1.10	Skill development course	Needs improvement
1.11	Students progression	Very good but may be

		improved
1.12	Mentoring and monitoring of various committees through clearly stated objectives, policies and expected/achieved outcome	Working in proper order
1.13	Research, Collaborations, MOU's, Projects	May be enhanced
1.14	New additions in Library	More books may be added in the departmental library
1.15	Feedback Mechanism	Strong stakeholders' mechanism is in place

Administrative Leadership, Governance & Management

2.1	Decision making Process: Administrative Hierarchy, Decentralization of powers and accountability	Chairman/Vice Chairman → Principal → Vice Principal → Faculty Heads → Departmental Heads
2.2	Financial guidelines	Well defined
2.3	Books and accounts	Well maintained

Dissemination & Exchange of Information

3	Organization of conferences, seminars and workshops	More than sufficient
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IQAC & Feedback Mechanism

4	Feedback Review <ul style="list-style-type: none"> • Students • Alumni • Parents • Employers • Teachers 	Students ✓ Employ ✓ Parents ✓
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Documentation

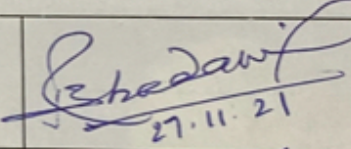
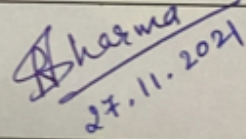
5.1	Quality Assurance: Planning & Evaluation <ul style="list-style-type: none"> • Teaching Plan • Daily Diary • Attendance Register 	All are maintained in proper order
5.2	Annual Report of College	Properly compiled
5.3	Brief Reports and fact Sheets of the	Systematic

	Activities/Programs conducted by <ul style="list-style-type: none"> • Academic Departments • Working Committees 	
5.4	Career Research Initiative	Needs attention

Overall Analysis

1	Strengths	Location, ICT, Scholarship, Feedback Mechanism, KSA
2	Weaknesses	Community involvement, Alumni involvement
3	Opportunities	Research Projects, Upskilling as per NEP 2020
4	Challenges	Inculcating the habit of reading Organizing seminars in offline mode

Team for Internal Academic & Administrative Audit

1	Chairperson	Dr. Rekha Bhaduria, Ex. Professor & Head, School of Studies in Botany, Jiwaji University, Gwalior.	 27.11.21
2	Member	Dr. Romsha Sharma Assistant Professor, Sri Satya Sai College for Women, Habibganj, Bhopal.	 27.11.2021