



**Principal**  
(Dr. Shweta Saxena)

## EDITORIAL

The College newsletter “ओजस” was started in the year 2022 with two publications per year. The newsletter highlights all the activities of the college, achievements of students and faculty members, publications details etc. Volume 1 of the news letter is published in the month of June and Volume 2 is published in the month of December every year. Newsletter editorial board conducts meetings every year before the publication.

**Chief Editor**  
(Dr. Sushma Agrawal)

## FROM THE DESK OF THE PRINCIPAL

Maa Bharti Group of Educational Institutions Kota has been in the Field of Education Since in the year 1998. The mission of the College of Education is to help prepare outstanding educators, and researchers, and to advance the profession of education.

It is with immense pride and excitement that we present the January to June 2022 edition of ओजस, our College's Half Yearly Newsletter. This publication is a testament to the unwavering dedication of our students and faculty who have tirelessly contributed insightful various activities and innovative updates. The magazine encapsulates our department's pursuit of excellence,

bridging theory with real-world applications. Congratulations on this remarkable achievement!

## Department of Botany

- ❖ Field visit of Rawatbhata (Kota) was done on 12 January 2022 to study plant diversity. The collected specimens were properly preserved, maintained and prepared herbarium from the collected plant specimens in the college laboratory.
- ❖ Annual Seminar presentation was done by the students of M. Sc. in the department of Botany from 20 to 24 January 2022 covering various topics related to the syllabus. Students visit was conducted to Chambal garden (lungs of Kota city) on 20 February 2022. Students studied various wild and ornamental plants.
- ❖ A pre submission seminar for Ph.D. Thesis was held on 25- 4-22 in the Department of Botany, in Maa Bharti P.G College, Kota by Akansha Vashishtha on the topic “Impact of industrial effluents on Cyanobacterial diversity and crop production in Bundi district (Raj.).
- ❖ Visit of Abhedha Biological Park & Abhedha Mahal was conducted for Msc. students for purpose of algal study of aquatic plants.

# Department of Chemistry

## Department have Organized a National Webinar on 30<sup>th</sup> June 2022.

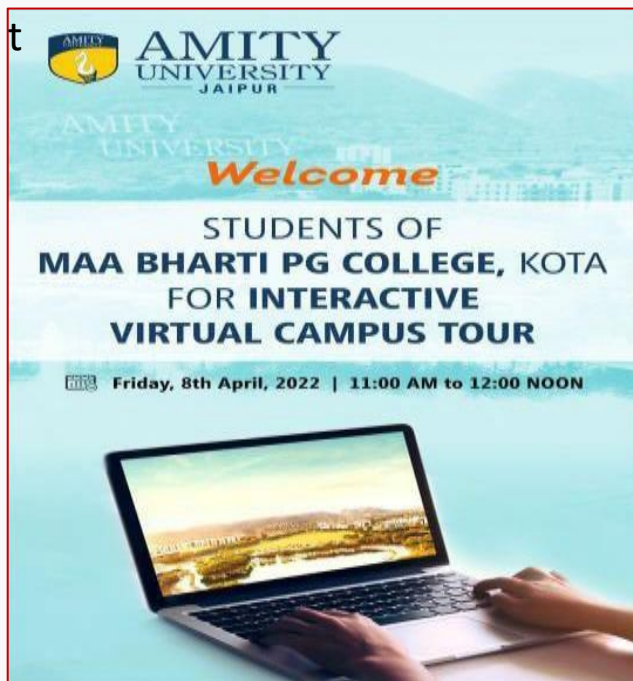
- The eminent speakers Prof. Ashu rani, Mr. Anurag Bhatnagar, Dr. Neeraja Shrivastava and Mr. Sudam Narayan delivered talk related to green approach and sustainable environment.



- On 9<sup>th</sup> March 2022- Visited Rawatbhata Atomic Power Plant. B.Sc and M.Sc students of MBPG College, Kota.



- A Virtual tour for M.Sc. students were organized by college to understand modern techniques of sample analysis, field of research and awareness program about various funding agencies like U.G.C, D.S.T etc



## Department of Physics

One day educational tour was organized by Department of Physics at RAPP Plant, Rawatbhata on 9<sup>th</sup> March 2022. MR. MAZHAR ALI assistant chief engineer was the resource person for the entire event.





# Department of Zoology

➤ Department of Zoology, Maa Bharti PG Collage organized various activities. These activities help to enhance student's subject knowledge, practical experience, learning skills and overall development.

➤ Seminars have been conducted for the students of M. Sc. related to their course,

➤ students made power point presentations, presented and also submit the hard copy.

➤ A field visit of Museum of Fish Aquarium conducted for M. Sc. Students in Feb., 2022.

➤ Department have celebrated the Word Water Day on 22nd March, 2022

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➤ A Virtual tour for M.Sc. students was organized on 8<sup>th</sup> April, 2022 to understand modern techniques of sample analysis, field of research and awareness program about various finding agencies.



## Department of Arts

- ❖ World Earth Day was celebrated on 2<sup>nd</sup> April 2022 by Department of Geography.

## NSS Activities

- ❖ Sports day celebration on 12<sup>th</sup> March 2022 at MAA BHARTI P.G COLLEGE, KOTA . Cricket match was organised by Education Council.



- ❖ NSS unit and Education department of Maa Bharti PG college, Kota , organized Quiz competition and awareness program on the occasion of weekly day celebration on 25<sup>th</sup> March, 2022.







World Bicycle Day was Celebrated on 3<sup>rd</sup> June 2022

आजादी के अमृत महोत्सव के अन्तर्गत माँ भारती पी.जी महाविद्यालय के प्रांगण में विश्व साइकिल दिवस मनाया गया। जिसमें निदेशक दिनेश विजय व शुभम विजय तथा अन्य व्याख्याताओं ने एक छोटी साइकिल रैली निकाली तथा महाविद्यालय प्राचार्य ने विश्व साइकिल दिवस पर साइकिल के महत्व को बताया और स्वस्थ जीवन शैली को अपनाने का संदेश दिया।



International **Yoga** Day was celebrated on 21th June 2022

## स्वस्थ जिंदगी के लिए योग जरूरी

### नवज्योति कोटा

विश्व योग दिवस के मौके पर महावीर नगर तृतीय स्थित माँ भारती पीजी कॉलेज में स्टाफ, विद्यार्थी और कॉलोनिवासियों को योगाभ्यास करवाया। ग्रुप के निदेशक दिनेश विजय ने कहा कि स्वस्थ जिंदगी के लिए योग जरूरी है। नियमित योगासन से शरीर व मन दोनों ही स्वस्थ रहते



हैं। महाविद्यालय की प्राचार्या डॉ. श्वेता सक्सेना ने बताया कि 50 से ज्यादा लोग शिविर का हिस्सा बने।

## PH. D. AWARD AND PAPERS PUBLISHED

- ✓ Ph. D. degree (Maths) was awarded to Mr. Amit Kumar Jain on 15<sup>th</sup> Jan., 2022 from Career Point University Kota, Kota.
- ✓ Ph. D. degree (Sociology) was awarded to Mrs. Aarti Sharma on 31<sup>st</sup> March 2022 from University of Kota, Kota.
- ✓ Ph. D. degree (Geography) was awarded to Mr. Rakesh Rajora on 01 June, 2022 from University of Kota, Kota.
- ✓ Bharatiy Sharma, The Leaching Kinetics and Thermodynamics Studies of Chloride (CL) In Alkaline Soil of Kota Region Around Chambal Command Area [CCA] Through Vertical Flow Using Glass Column Method Under the Influence of Adsorption and Desorption Process Made By Adding Monovalent, Bivalent And Trivalent Effluents. International Journal of Scientific Research Vol. 11 issue 02 (February 2022)
- ✓ Fly Ash as an Adsorbent for Removal of Chromium: A Comparative Study, Pooja Soni, Shweta Saxena, International Journal of Green and Herbal Chemistry, Sec. A; Vol.11, No.1, 096-104, **2021**.
- ✓ Adsorption for the Removal of Chromium using Fly Ash”, Pooja Soni, Shweta Saxena, Octa Journal of Environmental Research, Vol. 9(3): 081-087, **2021**.

