



FROM THE DESK OF THE PRINCIPAL

Recently we have completed the yearlong Silver Jubilee of Institute, and we have newer aspirations and commitments. It is with immense pride and excitement that we present the January to June 2023 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



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)

Department of botany

Annual seminar presentation was arranged for M.Sc Students from 6 to 10 January 2023. Students participated actively and prepared power point presentation on topics regarding syllabus



Department of Chemistry

The department of chemistry of Maa Bharti P.G. College organized a seminar, the topics of the seminar were chosen by the students on the basis of their syllabus. Students prepared their respective topics. The topics were from the Credit Course System. The purpose of the seminar was to bring interest amongst the student and to encourage them variety to promote discussion, compare alternative study designs for data collection, share information and approaches to key problems, disseminate and encourage the use of existing sources, and foster the development of new sources.

Workshop on IPR awareness program was organised by Maa Bharti PG College with the coordination of chemistry department. Resource person of the program was Dr Jitendra Sharma assistant controller of patent and design, New Delhi@19 january2023



Department of Physics

A one day workshop on Air Pollution organized by department of Physics of Maa Bharati P.G. College, Kota on 20th Feb., 2023 for M.Sc. and B.Sc. Students of College. This one day workshop will be conducted by Dr. Abhishek Saxena, Assistant Professor, Sangam University, Bhilwara.

Department of physics, Maa Bharti PG College organized various activities during the year 2023. Students made power point presentation and presented in department. The topics are-

- 1) Conversion of solar energy into electrical energy
- 2) Nuclear power plant
- 3) Hydro power plant

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.
- Department have organized a lab visit to study the Microtomy technique for the students of M. Sc. II and IV sem on 11th Jan., 2023



- Department organized a **Field Visit** of Abhedha Biological Park for the students of M. Sc. II and IV Sem for the study the diversity of animal fauna on 13th Jan., 2023.



- Department have celebrated the World Water Day on 22nd March, 2023





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College In Kota City**



MAA BHARTI PG COLLEGE
23 Years of Excellence
KOTA, RAJASTHAN

MAA BHARTI
PG COLLEGE
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COURSE OFFERED

UNDER - GRADUATE COURSES (DURATION: 3-YEARS)

• B.A. (All Sub.)	• B.Sc. (Maths)
• B.C.A.	• B.Sc. (Biology)

INTEGRATED COURSE (DURATION : 4-YEARS)

• B.A. B.Ed.	• B.Sc. B.Ed.
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POST - GRADUATE COURSES (DURATION: 2-YEARS)

• M.Sc. (Physics)	• M.Sc. (Chemistry)
• M.Sc. (Botany)	• M.Sc. (Zoology)

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- World Environment Day was celebrated by the students of B. Sc. and M. Sc. of Department of Zoology on 5th June, 2023.



Department of Arts

- * जनवरी 2023 में हिंदी विभाग के विद्यार्थियों को भाषा संबंधित त्रुटियां समझने हेतु विस्तार से समझाया गया।
- * महाविद्यालय के समाजशास्त्र विभाग के विद्यार्थियों द्वारा समाज में समाजीकरण विषय पर एक संगोष्ठी आयोजित की गई।
- * जनवरी 2023 में Development of writing skills पर चर्चा की गई।
- * जनवरी 2023 में राजनीतिक विज्ञान विभाग की ओर से रूस यूक्रेन संकट के ऐतिहासिक कर्म पर चर्चा हेतु कार्यशाला का आयोजन किया गया।
- * फरवरी 2023 में इतिहास विषय के प्रत्यक्ष ज्ञान प्रदान करने वह छात्रों में शोध अभिरुचि विकसित करने हेतु राजस्थान के ऐतिहासिक पुरातात्विक महत्व रखने वाले "बंदोली के मंदिर" का भ्रमण कराया गया।
- * 12 जून 2023 अनुसंधान एवं शोध की विषय में जानकारी देने के लिए भूगोल विषय की विद्यार्थियों को कोटा विश्वविद्यालय के शोध विभाग में लेकर गए



NSS Activities

Youth Day was celebrated in College on 12th January, 2023 organized by NSS.



Basant Purnchami celebration in Maa Bharti P.G. College in 2 Feb 2023



Hindu New Year was celebrated by the college on 13th March 2023



Women cell and Anti Sexual Harassment Cell

Women cell and Anti Sexual Harassment Cell द्वारा महाविद्यालय में अंतर्राष्ट्रीय महिला दिवस (8 March 2023) मनाया गया | जिसमें सभी महिला कर्मचारी उपस्थित रही और इस कार्यक्रम के दौरान सभी महिलाओं को एक-एक पौधा बांटा गया तथा महिलाओं के अधिकार के बारे में जागरूक किया गया। इस कार्यशाला के दौरान महाविद्यालय की प्राचार्या डॉ. श्वेता सक्सैना और वनस्पति शास्त्र विभाग अध्यक्ष डॉ. निवेदिता शर्मा, डॉ सुषमा अग्रवाल, डॉ भारती शर्मा, डॉ शानू माथुर, डॉ नीलू चौधरी, विशेष अतिथि समाजसेविका श्रीमती डॉ. सुशीला जोशी, मनीषा चतुर्वेदी, डॉ मीनाक्षी शर्मा उपस्थित रहे ।



Ph. D. award and Papers Published

- Ph. D. degree (Botany) was awarded to Mrs. Meenakshi Sharma on 23rd May, 2023 from University of Kota, Kota.
- Study of Adsorption of Nickel on Soil in Rural Area of Hadoti Region: An Ethical Approach to Reduce Soil Pollution. : Deepak Hada, Shweta Saxena. Journal of Thin Films, Coating Science Technology and Application. 10(1): 25–30p, 2023
- A Comparative Study: Adsorption Behavior of Different Nickel (II) Salts on to Alkaline Soil: Deepak Hada, Shweta Saxena. International Journal of Science and Research (IJSR) Volume12, Issue3: p922-926, 2023.
- Sushma Agrawal ,Veena Chourasia “Study of physico-chemical characteristics of sediment of Abhedha pond, Kota (Rajasthan) ”Naveen Shodh Sansar(International Research Journal):Vol.I, Issue XLI, January to March 2023.
- Sushma Agrawal ,Veena Chourasia“Macrozoobenthic community as biological indicators of water quality of Abhedha Pond,district Kota(Rajasthan)".Research and Analytical Reviews:10(1), March 2023
- Removal of Methyl Red Dye Through Batch Adsorption Method from Aqueous Solution using Watermelon shell Powder as Low Cost Bio adsorbent.Vol.10,issue 2 june 2023International journal of Research and Analytical Reviews.