



# SUBODH NEWSLETTER

April - 2023 | Volume - VII (2)



*Right to left : Under Officer - Tilak Pareek, Pushpendra Singh, Lucky Singh Tanwar, Senior Under Officer Falguni Prajapati, Captain Dr. Harbhajan Singh, Prof. K.B. Sharma (College Principal), Simple Pareek CTO Naval, 3 Raj. NCC, Manisha, Surya Pratap, Harshvardhan Singh, Siddharth Naruka (Air Wing) : Participants of Republic Day Parade at Rajpath, New Delhi. Senior Under Officer Falguni Prajapati, B. Sc Semester VI participated in the Republic Day Parade 2023 and led the battalion of 148 NCC girl cadets from all over India at Kartavya Path, New Delhi.*

## *From the Principal's Desk*



As Principal, I extend my warm greetings to you. At this juncture, I would like to make a few remarks that I hope will inspire and motivate you to achieve your goals.

Remember that education is the foundation upon which you can build a successful and fulfilling life and as students you must work hard and stay focused on your studies, for it is only through hard work and perseverance that you can achieve academic success which is the launchpad for a successful life.

Never give up in the face of adversity as life is full of challenges. How we respond to these challenges defines who we are. Always remember that with determination, hard work and a positive attitude, you can overcome all obstacles.

Develop a spirit of teamwork and collaboration as working together with your fellow students and teachers can be a powerful tool in achieving success. By sharing knowledge, ideas, and resources, you can achieve far more than you would individually.

I would like to remind you that we, as educators, are here to guide and support you. Do not hesitate to reach out to us if you need help or guidance. We are committed to your success and will do everything in our power to ensure that you achieve your full potential.

In conclusion, I wish you all the very best in your academic pursuits. Remember that education is a lifelong journey, and this learning journey never ends. May you all achieve great success in all your endeavours.

*Success is not final, failure is not fatal, it is the courage to continue that counts.....*

## **Editorial Board**

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**Executive Editors**

**Dr. Chitra Rathore**

**Dr. Leena Bhatia**

**Dr. Priti Gupta**

*In case of any queries/ suggestions,  
mail to [editors.subodh@gmail.com](mailto:editors.subodh@gmail.com)*

## Achiever's Bay

### Awards and Honours

- ◆ Prof. K. B. Sharma, Principal of the college, was felicitated in a program organised by Only for Smile Always NGO at Birla Auditorium on Nov 5, 2022
- ◆ Dr. Davendra Kr. Sharma, Dept. of ABST, received "*Guru Shiromani Award*", for being an amazing educators & sincere contribution towards the nation's development by Prathvi Abudhya Educators (PAAI) Association- India on Jan 26, 2023
- ◆ Dr. Davendra Kr. Sharma, Dept. of ABST, Dr. Priti Gupta and Dr. Gauri Dhingra, Dept. of BBA have been honoured with "*Shiksha Shiromani Award*" from Poddar Group of Institutions, Jaipur for the incredible contribution to society through education on Feb 1, 2023
- ◆ Dr. Richa Singhal, Dept. of EAFM received the 'Letter of Appreciation' for her article "Social Audit: A monitoring tool for the schemes of Panchayati Raj Institutions in India" published in Specialusis Ugdymas, in the Economics Category by ICAI, International Research Awards 2022 on Oct 20, 2022 at Kanpur
- ◆ Dr. Richa Singhal, Dept. of EAFM, Dr. Pawan Sharma, Dept. of Pub. Admn., and Dr. Vishal Gautam, Dept. of B. Admn. were awarded the 'Certificate of Appreciation' for achieving 100 percent COVID-19 vaccination in Rajasthan in a programme organized by Ladli Foundation Trust on Jan 22, 2023 at the Albert Hall, Jaipur
- ◆ Dr. S P S Kothari, Dept. of ABST received the Indo Middle East Excellence Award 2022 for 'Best Innovation and Research in Mgmt' in the World Innovative Research International Conference on Sustainable Business Mgmt, Humanities, Science and Engg (WIRIC SBMHSE-2022) held in Dubai on Nov 19-20, 2022

## Campus Buzz



### MOU with University, NGO, Industries

The college signed the following MOU's:

- with Azim-Premji University, Bengaluru on February 8, 2023 to generate resources in social sciences, science, humanities, public health and other subjects in Indian languages. It will respectively provide the required resources to facilitate the collaborative projects from time to time. It is collaboration for the seminars, workshop, Readers, debates, discussion, translation work and any other academic activities.
- with Santhusta Foundation, a non-profit organization started by IIT Alumni on May 22, 2022 under which the NGO would organize training, workshops and offer internships to our students.
- with Icon Seeds (P) Ltd., Jaipur on December 7, 2022 to work together to enhance business skills and provide opportunities of practical exposure for the betterment of the students.
- with Nirjeet Entertainments on December 10, 2022 to organize film-making and acting workshops for our students and exhibit the films made by the students in Khamma - Ghani Film-Festival Jaipur -2024.



### Umneed Programme at Birla Auditorium

The college in association with Open for Smile Always NGO organized a programme "Umneed" at Birla Auditorium on Nov 5, 2022. Dedicated to the Indian Army, this programme saluted the life of Kargil Heroes and Mahavir Chakra winner Major Digendra Yadav through a stage play. 100 students of our college participated in the programme by becoming a part of the play. The NGO praised the college for its valuable contribution by felicitating Principal Prof. K.B.Sharma. Yuvraj Pareek, BBA Sem III was awarded the Best Volunteer Award and two students Nishant Singh, B.Sc. Sem. III & Khushi Sharma, B.Sc. Phy. Hons. Sem. I was awarded scholarships of Rs. 1,50,000 for training in the academy.

**Invited as Resource Persons**

- ◆ Dr. N. K. Purohit, Dept. of ABST was invited as keynote speaker
  - in National Workshop on the topic 'Contribution of Skill Development in Self Reliant India' organized by Govt. Girls PG College, Rewa, M.P. on Nov 23-24, 2022.
  - in the National Conference on 'Contribution of Economic and Commercial Programmes in Self Reliant India' organised by Swami Vivekananda Govt. PG College, Neemach, M.P. held on Jan 4, 2023
- ◆ Dr. Richa Singhal, Dept. of EAFM chaired a session on 'Edge computing with cloud computing' at the 17th India-Japan Bilateral conference- BICON- 2022-23 on "Academia-Industry Interface Model: Avenues for the future" organized by Biyani Girls College, Jaipur on January 24, 2023.
- ◆ Dr. S P S Kothari, Dept. of ABST presided over a technical session and also read a paper in a two-day World Innovative Research International conference on Sustainable Business organized by Global Research Conference Forum in Dubai.
- ◆ Dr. Vishal Gautam, Department of ABST had been invited as keynote speaker in International Conference on the topic "Human Rights and the Environment (ICMAHRE- 2023) organised collectively by Govt. Maharani Sudershan College for Women Bikaner & Raj Rishi Govt. College, Alwar from Jan 18-20, 2023.

**Best Paper Award**

- ◆ Ms Apoorva Verma and Dr. Leena Bhatia, Department of Computer Science received Best Paper Award in the ICSSR sponsored National Seminar on Sustainable India @ 75: Application of Artificial Intelligence in Multidisciplinary field organized by S. S. Jain Subodh PG Girls College, Jaipur.



*Awareness Programme on Early Detection of Breast and Cervical Cancer*

An Awareness Programme on Early Detection of Breast and Cervical Cancer was organized on November 9, 2022. Dr. Rohit Swamy, Medical Oncologist and Dr. Poonam Goyal, Radiation Oncologist from Narayana Multispeciality Hospital, Jaipur addressed the girl students and female faculty members on issues related to this disease and the precautionary measures to be followed to avoid them at an early stage.

A power seminar on "Startup Ideas" in virtual mode was organised by department of Computer Science in collaboration with ICT academy on "Startup Ideas" in virtual mode on November 30, 2022. Two keynote speakers, Sh. Sanjeev Bhatia, Transformation Coach and CEO, Knowability Ventures and Sh. Ved Shukla, first generation Entrepreneur, Speaker, Trainer, Coach and Social Activist, enlightened the audience by their knowledge and experience.



*Power Seminar on "Startup Ideas"*



*Movie by directed and produced by Subodhians*

Nirjeet Entertainments organized film-making and acting workshops for our students. A movie 'Bhram' was made by Subodhians after the completion of a ten-day workshop. It would be a part of the competition in Khamma Ghani Film Festival 2024. The entire movie was shot in the college premises with active involvement of the students in all aspects of movie making.



*Youth Parliament*

The Dept. of EAFM organized, "Youth Parliament" on November 10, 2022. The participants from different streams created the scene of discussion session of Indian Parliament. Prof. N. D. Mathur, Dean of Economics and Social Sciences, JECRC University and Shri Dharmesh Bharti, Asst. Director, News, Jaipur Doordarshan Kendra, graced the event as judges.



*Teachers Cultural Fest*

To celebrate the ambience of Diwali, a Cultural-Fest was organized for the faculty on October 28, 2022. The teachers gathered in the seminar hall to play games like Antakshari, Task Game, and enjoy singing and dancing performance by the fellow members. The program was full of fun and joyful moments to cherish for the years to come, followed by sumptuous lunch.

### Patents Granted

A number of patents were granted to the faculty members and published in the Patent Official Journal of the Patent Office, India :

- ◆ Dr. Subash Chander Agrawal, Dept. of Physics and Dr. Surendra Kumar Sharma, Dept. of Chemistry got a patent granted on the topic “Deep learning approach to analyse the characteristics of various nano materials along with molecular structures for utilising in agricultural management
- ◆ Dr. Chitra Rathore, Department of EAFM got a patent granted on the topic “Consumer perception and behaviour towards managing chain liability in e-commerce”.
- ◆ Dr. Priti Gupta and Dr. Gauri Dhingra, Department of BBA got a patent granted on “A system for evaluating the role of digital marketing on customer purchase intention and methods”.

### Appointed Research Supervisor

- ◆ Dr. Praveen Choudhary, Dept. of Comp. Science has been recognized as Research Supervisor by the Rajasthan Technical University, Kota.

### National and International Publications

- ◆ Dr. Chitra Rathore, Dept. of EAFM, published a paper “Challenges of remote education amid Covid-19” in Philosophical Readings Vol.13 (4), 872-878, ISSN 2036-4989.
- ◆ Dr. Manita Bhagtani, Department of Mathematics published a research paper “An Application of Generalized Poisson Distribution Series Involving with Certain Subclasses of Analytic Multivalent Functions" in Web of Science Indexed International Journal of Algebraic Statistics Vol 13(3), 5255-5264, ISSN 1309-3452.



*National Science Day-2023*

NSD-2023 was celebrated in our college with the theme of “Global Science for Global Well-being” assigned by the DST India and Dr. Anju Pachori, Department of Physics coordinated the event. About 350 students took part in the different science activities like Working Model, Non-Working Model, Debate, Quiz, Short Film Making and Scientific Role Play from different colleges of Rajasthan. The eminent guests of the event were Prof. P.C. Trivedi, Former Vice-Chancellor Jai Narain Vyas University, Jodhpur, Prof. S.L. Kothari, Director, Amity University, Jaipur, Prof. K.V.R. Rao, former Director, Center for Converging Technologies, University of Rajasthan, Prof. Rekha Vijayvergia, Head, Department of Botany, University of Rajasthan and Prof. P.C. Mali, UOR, Jaipur. Winners were awarded with cash prize, trophies and medals.

NCC wing of the college organized a workshop on Career Opportunities in Armed Forces for the students on February 15, 2023. A team of serving women officers of the Indian Navy interacted with the students and shared valuable information with them.



*Workshop on Career Opportunities in Armed Forces*



*Blood Donation Camp*

A blood donation camp was organized in the campus on December 14, 2022. It was inaugurated by Dr. Surendra Yadav, State Co-ordinator, NSS. He motivated the students with his inspirational words and stated “there is no greater charity than donating blood, thus everyone should go ahead and donate blood to save others' lives”. More than 250 students including teaching and non-teaching staff donated their blood for a social cause.

A camp to register students in the voting list through voter helpline app was organized in the college on Dec 17, 2022. The camp was organized in compliance with the instructions from the Office of Electoral Registration Officer, Assembly Constituency, Malviya Nagar in which several students registered themselves. Mr. Sanjeev Tiwari, AAO informed the students about the importance of voting in a judicious manner.



*Students Registration in Voting List*

**Ph. D. Degree awarded**

The faculty members of different departments were awarded doctorate degree on state-of-the-art topics:

- ◆ Ms. Mamta Sharma, Dept. of Comp. Sc. on “An Enhanced Framework for E-Commerce Application Services on to the Public Cloud Environment” from IIS University, Jaipur, Rajasthan.
- ◆ Ms. Shashi Sharma, Dept. of Physics on 'Kinetic Modifications on the Hydrogenation Properties of KSiH3 Using Transition Metal-Based Catalysts' from JECRC University, Jaipur.
- ◆ Sh. Raj Narain Sharma, Dept. of Phy. Education on 'A Comparative Study of Impulsive Maturity, Mental Health and Life Satisfaction of Players and Non-Players of Inter University Level in Tribal Sub-Plan Area' from Bhupal Nobles' University, Udaipur.
- ◆ Ms. Vandana Vijay, Dept. of Comp. Sc. on “Developing an Efficient Query processing technique in Cloud based Map Reduce System” from IIS University, Jaipur
- ◆ Ms. Neha Tiwari, Department of Comp. Sc. on “An Enhanced SaaS Service Framework for Migrating Applications across Clouds” from IIS University, Jaipur

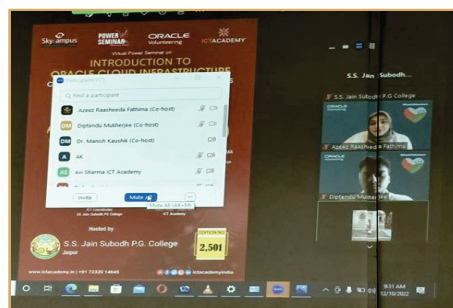
**Seminar attended**

- ◆ Dr. Davendra Kr. Sharma, Dr. Satish Sharma, Dept. of ABST; Dr. Nandini Sharma, Dept. of B.Admn.; Dr. Supriythy Paliwal, Dept. of Psychology; Dr. Priti Gupta, Dept. of BBA; Dr. Shaffali Jain, Dept. of Pol. Sc.; Dr. Namita Chauhan, Dept. of English; Dr. Farah Deeba, Dept. of Physics; Dr. Monalisa Kulshrestha, Dept. of Botany and Dr. Neha Pareek, Dept. of English attended an International Seminar on “Building Your Capacity to Effectively Guide Students” organized by Remarkable Education Pvt. Ltd. on Nov 19, 2022 at Jawahar Kala Kendra.

”A two-day workshop was organized by Entrepreneurship Development and Incubation Cell & Dept. of BBA in collaboration with Poddar Business School, Jaipur on “Creating an Ecosystem for Startups” on Dec 2-3, 2022. The workshop was initiated with presence of Dr. Ashish Dixit, Dean, Training and Research, Poddar Business School, Mr. Sharad Parikh, Relationship manager, Poddar Group of Institutions and their team. On the second day, Mr. Nand Kishore, Founder and CEO, RSN group of companies, Mr. Mohit Sawhne, MD and CEO, Finova Capital and Mr. Amit Sharma, Founder and Director, My Stay Rooms shared their experience, struggle and success story with the students.



*Workshop on “Creating an Ecosystem for Startups”*



*Power Seminar on Oracle*

Department of Comp. Science in association with ICT academy organized a power seminar on “Introduction to oracle cloud infrastructure, certification path and career opportunities” in virtual mode on Dec. 10, 2022. Ms. Azeez Raasheeda, Fathima Solution Engineer – Oracle, Mr. Diptendu Mukherjee Associate Consultant – Oracle, were the keynote speakers.

Faculty of commerce organized “E-Commerce and Digital Transformation Summit- 2022” on Dec. 23, 2022. In the inaugural ceremony, Dr. Aparna Datta, Principal, B. Lal Institute of Biotechnology and Dr. Manish Kaushik, Principal, MCA Institute were the judges. In the valedictory ceremony, Dr. Nimisha Gaur, Spokesperson BJP Rajasthan was the chief guest and Dr. Aparna Datta, was the guest of honour.



*E-Commerce and Digital Transformation Summit- 2022*



*Intra-college Poster Making Competition*

Department of Computer Science organised an Intra-College Poster-Making Competition' on Nov. 12, 2022, on the theme “Growth of Science & Technology after Independence” in digital & handmade form. Total 74 students participated in the competition. Winners were rewarded with trophies and certificates.

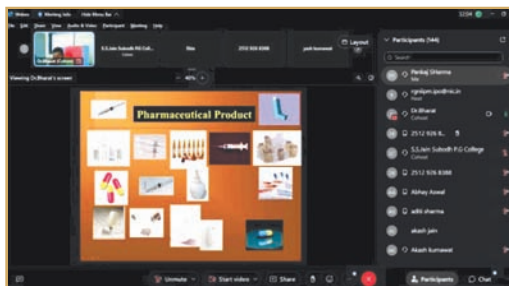
An awareness program on “Cyber-crime and Cyber-hygiene” was organised in association with CDTI (Central Detective Training Institute) and BPRD (Bureau of Police Research and Development) on October 18, 2022. Mr. Mukesh Choudhary, the keynote speaker updated the students about the various laws to deal with cyber -crime and the ways to avoid being duped by cyber criminals. An online quiz was conducted in the hall and Yajat Singh, BSc Semester III was awarded the third prize.

### Book/Book Chapter Published

- ◆ Dr. Rajesh K. Yadav, Department of Zoology published two books :
  - Animal breeding biotechnology by Oxford Book Company, Jaipur.
  - Animal biotechnology & Genetic engineering, by Oxford Book Company, Jaipur
- ◆ Dr. Rashmy Nair, Department of Chemistry contributed chapters in edited books :
  - “Chemistry of ionic liquids in multicomponent reactions” published in the book “Green Sustainable Process for Chemical and Environmental Engineering and Science, Green Solvents and Extraction Technology”, published by Elsevier.
  - Mass spectrometry in the book “Instrumental methods of analysis”, published by I.K. International Pvt. Limited, New Delhi 110002.
- ◆ Dr. Manita Bhagtani, Department of Mathematics published a book titled “A Study of Distribution Series and Analytic Multivalent Functions” by German publishing house "Lambert Academic Publishers".
- ◆ Dr. Madhu Bala, Dept. of Political Science published a book titled “Nepal Mein Sansadiya Loktantra: Udiyamaan Pravratityaan” in Sahitya Mandir Publication, New Delhi.
- ◆ Dr. Suprithy Paliwal, Department of Psychology contributed towards the content development of Self Learning Material by authoring a chapter for the "Board of Open Schooling and Skill Education", Sikkim.

### Paper Presentation

- ◆ Dr. Shaffali Jain, Dept. of Pol. Sc., presented a paper “Mahatma Gandhi: Ek Aadaarsh Patraakar ke Roop Mein” in the one-day seminar on "Journalism of Mahatma Gandhi: Contemporary Context" organized by Mahatma Gandhi Institute of Governance and Social Sciences on Jan. 16, 2023.



### Workshop on Intellectual Property Rights (IPR) & Patents and Design Filling

Red Ribbon units of the college organised a Drawing competition "Sparsh" on the occasion of World AIDS day- December 5,2022 for the AIDS infected children of Ashray Care Home and Faith Sansthan. The activity was followed by a session by Dr. Geetu Sisodiya, Consultant Psychologist on “Tapping the Emotions of Children Living with AIDS”. Chief guest Dr.Rajeev Bagarhatta, Principal, SMS Medical College, Jaipur distributed the prizes and motivated the audience to help these children lead a normal life by inclusive thinking. The ceremony was also graced by Dr. Pradeep Choudhary, Additional Project Director and Ms. Garima Bhati, Assistant Director, Youth Affairs,Rajasthan State AIDS Control Society.

Department of Computer Science in association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Government of India, Nagpur organized an online one day workshop on “Intellectual Property Rights (IPR) & Patents and Design Filling” on September 30, 2022. Mr. Bharat N Suryawanshi, Assistant, Controller of Patents & Design, GNIIPM, Nagpur was the resource person.



### Drawing Competition "Sparsh" by Red Ribbon Club



### International Day of Non-Violence

The event involved various activities like poster and short film making competition accompanied with poetry writing and narration based on the theme Gandhi Darshan aur Adhunik Bharat. The awards were given to the winning students by the chief guests.

On October 1, 2022, the NSS unit of the college celebrated the International Day of Non-Violence commemorating Gandhi Jayanti. The chief guest of this program was Prof. Naresh Dadhich, former Vice-Chancellor, Vardhaman Mahaveer Open University, Kota and the special guest was Dr. Rajesh Kumar Sharma, Director, Mahatma Gandhi Study Centre, University of Rajasthan.

The Department of Political Science along with their P.G. students attended one-day seminar on "Journalism of Mahatma Gandhi: Contemporary Context" organized by Mahatma Gandhi Institute of Governance and Social Sciences on January 16, 2023. In the seminar, the lectures related to Mahatma Gandhi's journalistic journey and its relevance in the present times gave meaningful insights to the students.



### Seminar on "Journalism of Mahatma Gandhi: Contemporary Context"

About 500 students of the college from different streams participated in the “Career Hackathon” organized by “Remarkable Education”, Jaipur on December 17, 2022. Ten celebrities from different fields addressed students and enhanced their knowledge regarding the career opportunities in their respective fields through a panel discussion.

## *Guest Lectures, Debates and Panel Discussions*

- ◆ Dr. Manita Bhagtani, Department of Mathematics presented a research paper “On certain subclasses of Analytic Multivalent Functions associated with Generalized Poisson Distribution Series” in the International Conference on Real World Domains and Interfaces in Mathematics: Challenges, Tools and Strategies organized by the Dept. of Mathematics, Univ. of Rajasthan on Dec. 17-18, 2022.

### *Students Gallery of Fame*

- ◆ Prachi Sharma, Senior Under Officer (SUO), NCC has been selected as Flying Officer in the Navy and Under Officer Manoj Nehra and NCC cadet Udayveer Singh has been selected to the post of Army Officer. Udayveer Singh, BA Semester V has been selected through NDA.
- ◆ Pratyush Jain and Hillary Dehru were selected for pre-Republic Day parade camp of North Regional NSS, Ministry of Youth Affairs and Sports, Govt. of India. The camp was organized from Nov 26 to Dec 5, 2022 at LPU, Punjab.
- ◆ Anjali Kumari, and Sarup Dan K Chara BA Sem IV participated in paper presentation competition in the State-level Rajasthan Digifest organised by Directorate of Raj. They secured third position and got Samsung A8 Tab.
- ◆ Khushi Sharma, B.Sc. (Phy. Hons.) Sem II won first prize in Solo Dance Competition and second prize in Fashion Show in *Lamhe* Fest organised by Taxilla Business School.
- ◆ Gaurav Sharma, B.Com. Sem VI won first prize in Fashion Show in *Lamhe* Fest organised by Taxilla Business School.
- ◆ Gaurav Sharma, B.Com. Sem VI, Bhawani Singh B.A. Sem. VI, Kaushal Jangid B.Com. Sem VI, Saloni Kumawat B.Sc. Sem IV and Khushi Sharma B.Sc. (Phy. Hons.) Sem II won first prize in Treasure hunt Competition at *Lamhe* Fest organised by Taxilla Business School.
- ◆ Mirza Z. Baig, BBA Sem IV won first prize in Life skills at Taxilla Business

- Department of Psychology and Women Welfare Cell jointly organised guest lectures on "Myths & Facts related to Mental health and Stress Management issues" on the occasion of World Mental Health Day on October 10, 2022. Dr. Pankaj Mittal, Senior Consultant, Department of Psychiatry, SDMH, Jaipur and Dr. Geetu Sisodiya, Counselling psychologist addressed the faculty members and students.
- The Department of EAFM organized a debate competition on the topic “Paid Media is Justifiable?” on November 3, 2022. The competition provided an interactive platform to the students where they made excellent points out of their knowledge and displayed their best spoken skills.
- Department of Political Science organized a guest lecture on the occasion of Constitution Day-November 26, 2022 and the invited speaker Prof. Shyam Mohan Agarwal, University of Rajasthan delivered a lecture on the topic “Seven decades of Indian Constitution”.
- On the occasion of World Human Rights Day-December 10, 2022, the college Debate Committee & Human Rights Committee jointly organized an intra- College Debate competition on the topic “The House Believes that in Indian Context the Constitutional and Legal Provisions are Effective in Protecting Human Rights”. The event was judged and the winners were given certificates, medals and gifts.
- Department of BBA & Entrepreneurship Development and Incubation Cell organized Guest lecture on “Investors Awareness Programme and financial literacy.” on February 8, 2023. The Investor Awareness Programmes are under the Aegis of Investor Education & Protection Fund (IEPF) of The Ministry of Corporate Affairs (MCA), Government of India organised by The Institute of Chartered Accountants of India (ICAI) and CA V.K Jain was the resource person.
- A panel discussion on Union budget- 2023 organized by Faculty of commerce at MBA seminar hall on February 10, 2023. The Panelists from various fields were CA Rohit Ruwatia, Chief Guest, CCM, ICAI & State Convener Rajasthan-BJP Economic Cell; Prof. J.P Sharma, Former Vice Chancellor, MLSU, Udaipur; CA Anup Bhatia, FCA, member ICAI; CA Anurag Totuka, State Executive member -BJP Economic Cell.
- A Panel Discussion was organised by Department of Economics on the occasion of World Consumer Rights Day on March 14, 2023. The dignitaries in the discussion were Additional Deputy Secretary, District Court, Mrs. Ashka Rao, Retired DJ Shri Bhagwan Das Agrawal, Dean, Dr. Bhimrao Ambedkar Law University, Dr. Sanjula Thanvi, Assistant Professor, Department of Law, University of Rajasthan, Dr. Aarti Sharma and Advocate, Rajasthan High Court, Mr. Vizzi Agrawal. A Nukkad Natak was showcased by the students of Economics department to raise the awareness among the students.
- The Department of EAFM organized a group discussion on the topic: Modi Government (NDA v/s Man Mohan Singh Government (UPA) on November 7, 2022. Students from different streams enthusiastically participated in it.
- Department of English organized 'Critical Appreciation through PowerPoint Presentation' activity followed by viva-voce in order to enhance the Communication and Interpretative Skills of the U.G. and P.G. students on December 13, 2022. Students explained their chosen texts relating to history of English literature, poems, novels and figures of speech through PPTs and answered the queries.
- In the State Award ceremony organized by Rajasthan State Bharat Scouts and Guide Institute, His Excellency the Governor of Rajasthan Sh. Kalraj Mishra was the chief guest. The other dignitaries in the function were Sh. B. D. Kalla, Sh. Rajeev Mishra and Sh. Pawan Arora. A welcome dance was presented by the Rangers and Rovers unit of the college on this occasion. The Scout and Guide Band enthralled the audience with a mesmerizing performance.
- In a tribal youth exchange program organized by Municipal Corporation Greater, Jaipur, rangers unit of the college showed their active participation. Mayor Smt. Saumya Gurjar gave certificates to the rangers and motivated them to be part and parcel of such events.

School.

- ◆ Navdeep S. Shekhawat, BCA Sem. V won first prize and Sahil Khan, BCA Sem. V won second prize in Intra-Collegiate Digital Poster making competition organised by Department of Computer Science.
- ◆ Roshni Prithiani, BCom (Hons) Sem. I won first prize and Akshita, BCA Sem. V won second prize in Intra-Collegiate Handmade Poster making competition organised by Dept. of Computer Sc.
- ◆ Kaushal Singh, BA Sem. III won second prize in singing competition, Sahil Raj Ghosh won second prize in Vortex LAN Gaming competition and Vibhuti Jain, B.Com (Hons.) ABST secured second position in sketching competition organised by Jaipuria Institute.
- ◆ Roshni Prithani, B.Com. EAFM Sem. II has participated in following events:
  - Intra-college Poster making competition, organised by the Dept. of Comp. Sc. on Nov.12, 2022 and secured first position.
  - Intra-college debate competition on the occasion of Human Rights Day on Dec. 10, 2022 and secured first position.
  - Inter-college Students Summit 2022 on E-Commerce and Digital Transformation on Dec. 23, 2022 and grabbed first position.
  - Declamation competition in Kasturi-2023 held at Kanoria PG Mahila Mahavidyalaya, Jaipur on Jan. 10-13, 2023 and secured third position.
- ◆ Yuvraj Pareek, BBA Sem III won the Award for Best Volunteer of the event for coordinating and managing the event “Umeed 2022”(organized by an NGO- Open for Smile) in the college and in Birla Auditorium, Jaipur on Nov 5, 2022.
- ◆ Garima Kumari, M.Com. B.Adm. Sem. I have secured first position and won gold medal in Boxing (66-70 kg) held at S.M.S Stadium, Jaipur from Nov. 22-24, 2022 by Univ. of

## *Educational and Industrial Visits*

Educational and industrial visits are a must in today's education scenario, which gives students an experience how theory is brought into practice. The following educational visits were organized for the students of various departments.



Department of Economics visited the Census Department of Botany visited Ayushraj Department, Bhamashah Data Centre, Jaipur Enterprises Limited on December 7, 2022, on October 17, 2022



Department of Botany visited the Herbarium and Botanical Garden, University of Rajasthan, Jaipur on December 12, 2022.

Department of BBA visited Fru Bon, Dev Milk Foods Private Ltd. on March 4, 2023.



Department of BBA visited Jaipur Rugs, India's largest manufacturers of hand knotted rugs, followed by picnic at Swapnalok Resort.

The faculty of commerce visited Patrika, Jaipur on March 11, 2023, followed by fun filled moments at Hawaii Jahaj Water Park.



NSS students joined the Adventure Camp organized by the Ministry of Youth Affairs and Sports, Govt. of India at Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali, Solang, H. P. from October 14- 23, 2022.

Department of Life Sciences joined an awareness programme on Training, Forestry and Wildlife Awareness organized by Rajasthan Forest and Wildlife Training Institute Jaipur on October 11, 2022



**NET/NET-JRF Qualified students**

Rajasthan, Jaipur.

**Department of Botany**

- Ashok Kumawat  
(NET/JRF Rank 113) 2020-2022
- Anita Kumawat  
(NET/JRF Rank 172) 2017-2019
- Agrima Sharma  
(NET/JRF 172) 2019-2021
- Karina Cherwal  
(NET/JRF 225) 2020-2022
- Bhumika Rundla  
(NET/JRF 169) 2019-2021

**Department of Zoology**

- Meghraj Saini  
(NET JRF Rank 82) 2019-2021
- Chhaya Gurjar  
(NET JRF Rank 139) 2021-2023
- Neha Bharti  
(NET JRF Rank 193) 2018-2020
- Monika  
(NET JRF Rank 502) 2019-2021
- Gunjan Sharma  
(NET LS Rank 61) 2021-2023
- Anshu Garg  
(NET LS Rank 70) 2019-2021
- Nikita Maan  
(NET LS Rank 97) 2020-2022
- Bulbul Sharma  
(NET LS Rank 99) 2020-2022
- Yash Swami  
(NET LS Rank 115) 2019-2021

**Department of Chemistry**

- Vanshita Sharma  
(NET JRF Rank 79) 2019-2021
- Deepak Chaudhary  
(NET Rank 3782) 2022-2024

**Department of EAFM**

- Sakshi Jajoo, 2020-2022
- ◆ Pratyush Jain, BCA Sem. VI, has been selected for the NSS Republic Day Parade Camp, New Delhi organized every year from January 1-31 by the Ministry of Youth Affairs and Sports, Government of India.



**Road Safety Week -2023**

A Road Safety awareness programme was organized by the rovers-ranger units of the college on the closing ceremony of Road Safety week -2023 held on 11-17 Jan 2023. Principal, Prof. K.B. Sharma motivated students to follow traffic rules and create awareness among the people. After this, the students distributed pamphlets and stickers at Rambagh circle and surrounding circles to build awareness.

Department of BBA organized a Teacher's Day best message online contest in collaboration with International School of Business & Media, Pune. Students participated in large numbers. A jury of experts decided the winners.



**Workshop on Gender and Child Rights**

A workshop on gender and child rights for NSS volunteers was organized under the joint aegis of UNICEF and Budget Study and Research Center Trust, Jaipur at the college campus.



**CPR Training Program**

A training program on Cardio-Pulmonary Resuscitation (CPR) was organized under the joint aegis of NSS units and Mahatma Gandhi Hospital. Dr. Divyansh Gupta, M. G. Hospital demonstrated the CPR process.

Under the guidance of Mr. SP Bhatnagar, Regional Director, National Service Scheme, Jaipur, Rajasthan and Dr. Snigdha Sharma, District Coordinator, National Service Scheme, Jaipur, on National Unity Day, on October 31, 2022, on the occasion of Sardar Vallabhbhai Patel's birth anniversary, National Service Scheme units organized a run under Run for Unity from Shiksha Sankul to Gandhi Circle. The volunteers of the NSS units of the college took a pledge to strengthen the spirit of national unity, integrity and security on the occasion of Rashtriya Ekta Diwas.

Unsung Stars Campaign was started by Woman and Child Rights Activist "Bhagyashree Saini" for dropout daughters who had given up their studies years ago due to adverse circumstances in life and have been able to dare again to join the mainstream of life after years. Padamshree Krishna Poonia (Chairman, State Sports Council Rajasthan), Mrs. Archana Sharma (Chairman, Social Welfare Board), Dr. Sushila Saini (Director Jaipur Doorbeen Hospital), campaign coordinator Swapnil Kulshrestha were present as the chief guests in the program. 2200 daughters of 6 districts also joined.

Students of the college participated in the 2nd K.M. Munshi Memorial Inter- College Drama competition organized by Bhavan's Suruchi Kendra. Their play "Mumal Mahendra", based on folk tales of Rajasthan depicting the unbreakable love of King Mahendra of Amarkot and Princess Mumal of Jaisalmer secured the second position. Directed by Abhishek Jadawat, the play received accolades for the wonderful performance of all the students and the dialogues of the play which were sung in Maand style amidst Rajasthani songs. Shreyanshi Mishra was also awarded the Best Actor Award for playing the role of Mumal in the play. Certificates and trophies were presented to all the students in the felicitation ceremony held on December 8, 2022.

## Patience

**Dr. Deepa Kumari**

Department of Zoology

When the evening sun is setting and the breeze is leaving the sea.  
About the others I am thinking  
Sometimes I ponder and look upon my thoughts.  
And think about a term common to all.  
But a field where most of us fall.  
They say it is a rare quality found in person.  
Which helps in taking right decisions.  
It makes us think twice.  
Before we jump to any conclusion.  
Does it have purpose?  
Or simply purposeless.  
So many answers and so many questions.  
So many discussions and so many interpretations.  
It is not a quality with which we are born.  
But a property we develop.  
Struggling with thorns.  
It is judged many a times.  
But we fail when we are two steps behind.  
A small voice, a creation.  
Says to me patience.  
It a lengthiest lesson we could have learnt.  
And it ends when lamp of life is burnt.  
It is a deep word with shallow prediction.  
Not just simply an illusion.  
So add to your qualification.  
And die with all satisfaction.  
In retrospect of patience.

## Let Us Believe

**Dr. Neha Pareek**

Department of English

Belief.....simply a word but a magic.  
It is the only trick.....  
With which anything can be picked.  
Suspicion...anxiety...all these storms all these bricks...  
Struggles are nothing when you are positive and you believe...  
If you are confident..  
None can deceive ....  
Of nothing you can be bereaved....  
Things will come to you in heaps....  
Work hard and watch..  
how much you achieve.....  
Don't take things to heart, chill and just leave....  
Seminal is- how you perceive .....

Believe...the world is yours..and you have so much to receive.

## Career Opportunities in Commerce Subject

**Dr. Davendra Kumar Sharma**

Department of ABST

Technical Education has given a very tough competition to commerce education in the recent past but as the nature of commerce is unique and evergreen, it hasn't and shall never lose its ground. As long as commercial activities in the economy are there, commerce would continue to remain as important as blood in a human body

The scope and role of the commerce subject is very immense both in terms of planning own career and for the country's economy. Entrepreneurship and start-ups are the preferred choice of today's youth and Commerce as the chosen subject helps in achieving these dreams.

A commerce student can pursue graduation with B.Com., BBA, BCA, and B.Voc. along with any of the professional courses i.e. CA, CS, CMA and MBA. Post GST regime, employment opportunities have multiplied exponentially in the field of taxation wherein a commerce student can make a career after completion of CA, he can either do a job in companies or do private practice as a tax consultant. Similarly after doing CS he can work in a secretarial position in a company, which is mandatory for a company to have. After completing the CMA, Good employment opportunities arise in manufacturing industries.

MBA can be done in several areas: Human Resource, Marketing, Finance, Information Technology, Business Analytics, Production and International Business etc. Post M.B.A. there are multiple opportunities in private as well as Government sector, with attractive packages. If the student wants to pursue MBA in HR and Marketing, then he should go for BBA. If he wants to opt MBA-Finance, Production, Business Analytics, Operation, International Business, then he should do B.Com. If he wants to do MBA - Information Technology then he should go for BCA.

A commerce student may also pursue graduation and post-graduation courses in Actuarial Science. Actuarial science includes statistics, probability, mathematics, economics and the people trained in it are called Actuaries who provide their services to various sectors such as pension, insurance, finance, investments, data analysis etc. There is always a high demand for actuaries as the above-mentioned sectors are essential for building a sustainable society.

Chartered Financial Analyst is yet another career option for a commerce student which can be pursued post B.Com. or in the final year of B.Com. Pursuing it with MBA adds extra benefits. CFA certification yields quality placement in the companies looking out for professionals with in-depth knowledge of finance.

The government has been promoting B. Voc. Courses, which aims to provide employment opportunities through vocational education. Commerce students may also appear for Bank Probationary officer selection exams as the preparation for the same is similar to MBA entrance exams. If successful in this, he can be directly appointed on the post of a manager in the bank.

A B.Com. student can also do B. Ed. if he wishes to work in the education sector as a school lecturer. Else after doing post-graduation he can appear for NET, SET, and Ph.D. to become eligible for college lecturer in higher education. Commerce students can be successful in securing a government job by preparing for various competitive examinations including civil services during their graduation.

Present India is in an influential phase involving several social, cultural and economic changes where the number of employment opportunities are declining as industry is unable to find quality commerce graduates employable in terms of skills and knowledge, but it can be safely said that the future of a student in commerce is bright as ever. The need is to make commerce education more holistic, targeted and customized with an aim to remove the gap that exists between industry requirements and academic curriculum focusing on attitude, corporate awareness, grooming and developing managerial skills.

## मां

देवांश अग्रवाल  
बीबीए सेमेस्टर-IV

जिसको मेरी सबसे ज्यादा चिंता जो  
हर पल पूछे मैं हूँ कहां..

शायद जो हमें सबसे ज्यादा प्यार करे  
वही होती है मां..

जिससे शुरू होती हमारी दुनिया  
जिससे शुरू होता हमारा जहां..

जो जगह दिल की कोई नहीं ले  
सकता मां तुम रहती हो वहां..

तेरी तारीफ करते करते नहीं थकती  
मेरी यह जुबां..

आज तक कभी बोला नहीं लेकिन  
तुमसे बहुत प्यार करता हूँ मां.....

मैं चैन से ले सकूँ ऐसी सांस बना दो..

हर सपना देख सकूँ ऐसी एक रात  
बना दो..

जहां धर्म रंग का भेद ना हो ऐसा  
हिंदुस्तान बना दो..

जो हर धर्म को कबूल हो ऐसी मेरी  
जात बना दो.



## Significance of Meditation

Dr. Maya Kumari  
Department of Chemistry



Meditation is an ancient scientific technique, which is taught by spiritual gurus in their gurukul. In present time it is used to reduce stress, healing, boosting brain function, reducing depressive symptoms and rumination (i.e., thinking about the past), problem-solving, increase happiness, and improve overall health. Meditation benefits include reduced anxiety, better performance at school and home, addiction recovery, healthier aging brain, and slowing of Alzheimer's disease. But many people are still confused about this ancient practice.

Meditation is the act of being completely aware of yourself in the moment. When people meditate, their mind settle down, and they get in touch with their Inner Self from where we can channelize their *Prana*. It is a simple form of mindfulness. Morning meditations are more relaxing.

In meditation, we focus our attention on the present to bring our minds back from daydreams and negative thoughts. It is done in a quiet place without any external factors distracting.

It is found that regular meditation benefits focus, creativity, memory, empathy. There are different types of meditation. A few of them are described below:

- Breathing awareness meditation: Breathing awareness meditation leads to increased blood flow in parts of the brain
- Yoga: Yoga is a technique of relaxation, deep breathing, and self-awareness through the practice
- Loving-kindness Meditation: Loving-kindness meditation can make you more altruistic. In this technique, you close your eyes and imagine direct positive vibes and energy to yourselves
- Mantra Meditation: In this method, we focus on mantra, i.e., words, phrases, and syllables. It boosts self-confidence and compassion. This method is also used in 7 chakra activation
- Vipassana meditation: Vipassana meditation is a most powerful technique, gives you an insight into the true nature of reality.

It promotes relaxation, build internal energy or life force, develop compassion, love, patience, generosity, and forgiveness, gain self-insight, overcome negative emotions and thoughts, and improve mental and physical health. A well-functioning brain creates more opportunities for success in each aspect of life. Meditation can significantly affect hormones and neurotransmitters such as cortisol, dehydroepiandrosterone, serotonin, melatonin, and epinephrine. Melatonin is a hormone that controls your sleep and wake cycles.

## एक वार्तालाप जिन्दगी से

डॉ. प्रीति गुप्ता

व्यावसायिक प्रशासन विभाग

ख्वाब में एक दिन यूँ ही  
मुलाकात हुई जिन्दगी से  
पूछा उसने-बेवजह ही खुश क्यूँ हो?  
मैंने कहा-हर वक्त दुखी भी क्यूँ रहूँ?  
उसने फिर कहा-जीवन में बहुत गम है  
मैंने कहा- ध्यान से देखो, खुशियाँ भी  
कहाँ कम हैं?  
उसने कहा - नहीं होता क्या तनाव  
कभी?  
मैंने कहा - ऐसा तो मैंने कहा नहीं।  
शायद वो मुझसे "मैं दुखी हूँ" सुनने को  
बेताब थी  
इसलिये प्रश्नों की झड़ी भी शायद  
बेहिसाब थी  
उसने फिर पूछा - छलकते तो होंगे आँसू  
कभी?  
मैं संभली जवाब दिया - मुस्कुराहटों के  
बाँध में समा जाते हैं सभी  
उसकी हैरानी ने प्रहार किया - फिर भी  
यह हँसी?  
अच्छा। अब समझी "बनावटी है इसीलिये  
कभी थकती नहीं"  
मैंने भी ठोस जवाब दिया-  
अटूट खुद पर विश्वास है  
श्रद्धा और अपनों का आर्शावाद मेरे साथ  
है  
फिर चिंता, नाकामी और परेशानी की  
क्या औकात है  
कम पड़ जाती है, मुस्कुराहटें जब कभी  
तो हँसा देती हूँ कुछ उनको, दब गयी  
थी, हँसी जिनकी  
ना उम्मीदी, बेबसी, उपेक्षा और उदासी में  
फिर ले लेती हूँ उधार उनसे, साथ में  
ब्याज दुआओं का भी  
उसने फिर व्यंग्य किया - ज्यादा हँस  
मत, नजर लग जायेगी  
अब मेरे धैर्य और विश्वास उछले और  
बोलो नजर की क्या बिसात - धक्का  
मारेंगे रह जायेगी क्या औकात  
शायद वो वाद विवाद से थक गयी थी  
या मैं जाग गयी थी  
पता नहीं पर जब भोर हुई तब वो कहीं  
नहीं थी  
पर मेरे होठों पर एक मन्द हँसी थी।

## Science Behind Gangajal

Dr. Mukta Jain

Department of Chemistry

नमामि गंगे! तव पाद पंकजम सुरसुरैर्वन्दित दिव्य रूपं।  
भुक्तिम च मुक्तिम च ददासि नित्यं भावनु सारेण सदा नराणाम॥



The Ganges is an Asian trans boundary river that flows through India and Bangladesh. The 2,704 km long river originates in the Western Himalayas of Uttarakhand, India. The Ganges River is considered the lifeblood of India as it supplies water to the 40% of India's population. In addition, it is a source of irrigation for a wide variety of crops. The Ganges River Basin has fertile soils and has a major impact on the agricultural economy of India. Ganga is also considered a symbol of Divinity, Purity and Spirituality. But have you ever wondered why Ganga water never gets spoiled or never gets infected by bacteria? Many rivers flow in India but we have been hearing this thing that people often keep mentioning the characteristics of the Ganges water. This water never gets spoiled. There is no insect in this river. The water of this river does not smell too. People have done many atrocities on the Ganges. Drains were thrown in it, dead bodies were thrown, garbage was poured, but nothing happened in the Ganges water.

## Here is the Answer :

In 1896, the British bacteriologist Ernst Hankin demonstrated for the first time the antibacterial properties of the Ganges against *Vibrio cholera* to find out the scientific basis for the purity of the Ganges. In 1917, French microbiologist D'Herelle named this factor a bacteriophage. In further future research, bacteriophages were even found in the headwaters of the Ganges, known as Gaumuk. Bacteriophages are viruses that infect bacteria and are also known as "bacteria eaters" because of their ability to kill bacteria. Bacteriophages are thought to have been trapped much earlier as non-living particles in the Himalayan permafrost, a thick subterranean layer of soil that remains below freezing all year round and is found mainly in the polar regions. Captured and frozen bacteriophages are gradually released as the permafrost thaws, creating bacteriophage germination sources in Gaumuk. This was the most important discovery of the species, after which scientists and microbiologists collected samples from various rivers in India, including the Yamuna, Narmada and Ganga rivers. As part of the evaluation, *Escherichia*, *Enterobacter*, *Salmonella*, *Shigella*, and *Vibrio*-like pathogens were isolated from these rivers and their numbers were compared with the bacteriophages present in river water. The number of bacteriophages in the Ganges has been found to be more than three times higher than in other rivers, which makes the Ganges more unique, antibacterial and therapeutic. Bacteriophage numbers are much higher in the upper Himalayas. Therefore, it is scientifically confirmed that the purity of the Ganges is due to bacteriophages.

ऊँ नमो भगवती हिलि हिलि मिलि मिलि गंगे मां पावय पावय स्वाहा॥