



# SUBODH NEWSLETTER

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Shri S.S. Bothra, Honorary Secretary; Shri Vinod Lodha, Joint Secretary and Treasurer, Subodh Shiksha Samiti and Principal Prof. K. B. Sharma attended the NIRF felicitation ceremony at New Delhi for receiving award of the college's 81st Rank in National Institutional Ranking Framework NIRF College Ranking:2024.



## Editorial Board

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Dr. Rashmy Nair

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## From the Principal's Desk



Dear All,

As we embrace a new academic session, I extend a warm welcome to all of you. The start of this session brings with it not only the excitement of new beginning but also the promise of growth, learning, and collaboration. This year, we continue to focus on our core values: academic excellence, integrity, and inclusivity. These principles guide our actions and decisions, helping us cultivate a supportive atmosphere where all students can thrive and the institution can develop a remarkable recognition nationwide. It brings a great pleasure to share that the college has secured 81st rank in NIRF ranking-2024, reflecting the dedication and hard work of the faculty and staff along with our innovative teaching-learning practices and sense of community engagement. In anticipation of the forthcoming NAAC visit scheduled anytime between mid to late October, you all have been diligently preparing to showcase our academic excellence and continuous improvement efforts. We are confident that our collective dedication will reflect positively in the assessment. Let's continue to collaborate and innovate, striving to provide the

best possible educational experience for the students. Our passion & commitment to excellence is the backbone of this institution.

We have an exciting lineup of events planned for this semester, including guest lectures, workshops, and cultural programs. These activities are designed not only to enhance your academic experience but also to foster a sense of community belongingness. You must participate, share your ideas, and contribute to the vibrant culture of our college. Your success and well-being is a priority for us, and we want to ensure that you would have all the resources you need to succeed.

As we embark on this journey together, let us remember that challenges are opportunities for growth. Embrace them with an open mind and a positive spirit. I am confident that together, we will navigate any obstacles that come our way and emerge stronger as a community.

I wish you all a successful and fulfilling semester.

## Achiever's Bay

### Awards and Honours



**Prof. K.B. Sharma**

- ◆ Prof. K. B. Sharma, Principal was honored:
  - By Dr. Prem C. Bairwa, Deputy Chief Minister, Govt. of Raj. on February 14, 2024, in the closing ceremony of National Road Safety month, in recognition of his dedication and exemplary leadership & his contribution to the educational and social development of the college
  - By Dept. of ABST, Univ. of Raj. for his excellent leadership and academic contribution in the International Conference on “Innovative Research and Practices in Commerce, Mgmt and IT for Sustainable Development organised on March 5, 2024
- ◆ Dr. Rajesh K. Yadav, Department of Zoology; Dr. Shazia Jamal, Department of Microbiology and Dr. Sneha Sharma, Department of Psychology were felicitated in the National Teachers Award Ceremony organised on Sept. 1, 2024 by Poddar Group of Institutions and *Saksham Society* Jaipur for their incredible contribution in field of higher education.
- ◆ Captain Harbhajan Singh, Department of Geography has been announced eligible for the award of ‘Chief of the Army Staff (COAS) Commendation Card’ on the Independence Day 2024. It is one of the highest award of NCC awarded on the NCC day celebrated on last Sunday of November 2024.

## Campus Buzz



*Orientation Programme for newly joined UG and PG students*

On September 4, 5 & 6, 2024, an orientation programme was organized for the Humanities, Science, Commerce, BBA and BCA first-year students, marking the beginning of their academic journey. On both the days the event commenced with the ceremonial lamp lighting, followed by an inspiring address by Principal Prof. K.B. Sharma who emphasized the importance of personality development, personal grooming, communication skills, reading habits, and time management as essential traits for their future roles. He also briefed the students on the college’s governance, the CBCS examination system, the importance of class regularity, scholarship opportunities, and the college’s extensive infrastructure and sports facilities. Later, the invited Resource persons Prof. Ramesh Arora (Humanities), Prof. Anil Mehta (Commerce), Dr. Deepak Saxena (Science) Prof. C.K. Shah (BBA), Dr. Satish Batra (BCA)- all renowned names in their respective fields engaged the students in thought-provoking sessions on the concepts of spirituality, quality and dedication in education.

Under the joint auspices of the Women’s Welfare Cell of the college and the Rajasthan University Women’s Association (RUWA), a seminar on gender sensitivity was organized on September 20, 2024. The aim of the seminar was to promote the concept of gender awareness and address related issues, especially among students. The seminar featured prominent speakers, including RUWA President Dr. Shashilata Puri and RUWA Vice President Dr. Beena Agrawal, who shed light on the significance of gender roles in today’s society and the role of educational institutions in this regard. Additionally, Professor Uma Mittal, Deptt. of Psychology, University of Rajasthan, provided valuable insights into the psychological aspects of gender issues. Dr. Priya, Secretary RUWA, focused her discussion on gender issues faced by women in the field of science. Several films were shown to teach children about cybersecurity, providing them with an engaging and innovative learning approach. Information was also provided about RUWA’s dedicated Women’s Safety and Counseling Center associated with the Ashok Nagar Police Station.



*Gender Sensitization Programme*



◆ Dr. Rajesh Kr. Yadav, Dept. of Zoology; Dr. N.K. Purohit, Dept. of ABST; Dr. S.P. Pareek, Dept. of Physics; Dr. Pawan Sharma, Dept. of Public Admn.; Dr. Anshul Sharma, Dept. of History and Dr. Namita Chouhan, Dept. of English have been elected as Member of Departmental Board of Studies at University of Rajasthan, Jaipur.

◆ Dr. N. K. Purohit, Dr. Davendra Kr. Sharma, Dr. S.P.S. Kothari, Deptt. of ABST; Dr. Vikas Bairathi, Dr. Chitra Rathore, Dr. Richa Singhal, Deptt. of EAFM; Dr. Nandini Sharma, Dr. Priti Gupta and Dr. Amit Vyas, Department of Business Admn received the “Outstanding Academician Award-2024” at the International Conference on “Innovative Research and Practices in Commerce, Management and IT for Sustainable Development (ICIRP-2024) organized by Deptt. of ABST, University of Rajasthan, Jaipur on March 5, 2024.

◆ Dr. N. K. Purohit, Department of ABST was member of the Advisory Board in :

- International Conference on Smart Agriculture and Water Resource Management (SAWRM-2024) held in hybrid mode on April 06-07, 2024 in Suva, Fiji
- International Conference on Advancement in Applied Science and Technology (AAST-2024) held in hybrid mode on May 04-05, 2024 in Suva, Fiji.

◆ Dr. Suman Chaudhary, Department of EAFM, has been appointed as the University nominee for Governing Body of Khandela Sah Shiksha Mahavidyalaya Khandela, Sikar, Rajasthan

◆ Dr. Neha Pareek, Department of English was awarded "The Award for Excellence in Education" in the 13th Principal & Teachers' Award 2024 by *Thar Sarvoday Sansthaan* and *Simply Jaipur* organized on September 9, 2024.



*National Space Day*

On August 23, 2024, the Department of Physics celebrated National Space Day with the theme "Touching the Moon while Touching Lives: India's Space Saga." The event featured notable guests, including Professor Deepak Bhatnagar, Advisor at Journalism University of Rajasthan Jaipur; Colonel Ajit Pillai, Training Sub-Area Commander in Jorhat, Assam, and former Additional Director at DRDO New Delhi; and Dr. Vijay Chatterjee, Senior Scientist at CSIR-CEERI Centre, Jaipur. The celebration included a variety of interactive activities such as scientific role play, short films about Chandrayaan-3's landing, quiz and poster making competition. Approximately 250 undergraduate and postgraduate students participated, aiming to deepen their understanding of space technology and its broader impact.

The Haifa Port (Israel) Victory Day was celebrated on September 21, 2024 under the joint auspices of the National Security Awareness Forum (NSAF) Jaipur Chapter and the college. Dr. S.S. Agarwal, President, NSAF Jaipur, delivered the welcome speech and outlined the objectives behind the formation of NSAF, emphasizing the need for awareness at all levels of security. The keynote speaker, Major General (Retired) Anuj Kr. Mathur, elaborated on the victory of Indian military forces at the Haifa Port, explaining the strategy and execution of the battle. Sardar Jasbir, the National General Secretary, NSAF, mentioned that in 2018, to mark the centenary of the battle, the name of Trimurti Circle in Delhi was changed to Haifa Chowk. Every year on 23rd September, a Haifa Victory Day is celebrated at this location. Principal Prof. K.B. Sharma, remembered the heroes of this war and expressed his commitment to incorporating this valiant saga into the college's curriculum. NSAF Jaipur Chapter General Secretary, Pushkar Upadhyay delivered the vote of thanks.



*Haifa Port (Israel) Victory Day*

The Department of Political Science organized a guest lecture on “Uniform Civil Code” on February 12, 2024. The main speaker was Prof. Sanjeev Kumar Ragi from Delhi University. The chief guest of the program was Mr. Ramcharan Bohra, MP, Jaipur. Professor Ragi explained the Uniform Civil Code as a law related to social matters that applies equally to people of all religions in matters such as marriage, divorce, etc. and is above any private laws of religion and caste.



*Uniform Civil Code*

◆ Dr. Anant Vijay Soni, Department of Sociology and Social Work, Dr. Reenu Chauhan and Dr. Anuradha Mehta, Department of Botany were awarded with First prize for Best Concept note presentation in different sessions of the National Conference on “Strengthening Actions Involving Communities for Cleaner Air and Better Future”, held on March 19, 2024 at the college, in collaboration with The Energy and Resources Institute (TERI). All the winners received a cash prize of ₹ 5000/- each and an achievement certificate.

◆ Dr. Harsha Saini, Deptt. of Business Administration received the Best Paper Award in the Conference on Innovative Research and Practices in Commerce, Management, and Social Sciences for Sustainable Growth (IRPCM 2024) organized by Department of C&M, University of Kota and Indian Accounting Association, Kota branch on April 3-4 2024.

◆ Dr. Harsha Saini, Deptt. of Business Administration cleared UGC-NET June 2024 in Management.

**Invited as Resource Persons**

◆ Dr. N. K. Purohit, Department of ABST was invited as Chair Person in the “National Conference on Innovation and Knowledge Management” organized by Poornima University, Jaipur on March 1-2, 2024.

◆ Dr. Suprithi Paliwal, Department of Psychology chaired a session on Positive Psychology Interventions in International conference on “Mental Health at Crossroads: Contemporary Modalities and Strategies for Promotion of Health and Well Being”, organized by Dept. of Psychology, Univ. of Rajasthan, Jaipur on Feb. 23-24, 2024.



*Seed of Hope and Action: Making SDG's Reality*

Two days Training and Exhibition Programme “Seed of Hope and Action : Making the SDGs Reality” was organised by the Department of Environmental Science, in collaboration with Bharat Soka Gakkai (BSG) on September 2-3, 2024. In the inaugural ceremony of the programme Principal Prof. K. B. Sharma welcomed the guests and enlightened the students about Environmental Ethics. The Programme was graced by Chief Guest Sh. Manish Soni, Student Counsellor and Motivator. He emphasized on the urgent need to focus on sustainable development and its goals. He also said that such training programmes proved to be milestones in the field of environmental protection. In this training programme 25 students were trained and more than 200 students participated. All the students received the certificate of participation.



*Workshop on Elicitive Facilitation and conflict resolution*

A workshop on Elicitive Facilitation and Performance for Conflict Work was organised by the Department of Political Science on August 29, 2024. The main speaker of the workshop, Mexican scholar Thomas Dario explained the students about different types of conflicts and their resolution activities. He also made them aware of the current global conditions and gave training. More than 150 students participated in the workshop. The

special guest of the workshop was Prof. Vidya Jain, former Principal Maharani College.

Department of Botany organized one day educational visit to herbarium, botanical garden and central laboratory of Botany department, University of Rajasthan on September 26, 2024 for learning herbarium and plants, instrumentation and their practical handling, working procedure, bio-safety measure etc. Dr. Praveen Mohil, Assistant Professor, explained the value of plants and their preservation procedure, herbarium sheets, plant parts collection for herbarium sheet, drying, plant press, application of pesticide and other toxic chemicals for the long-time storage of herbarium. Dr. Mohil also demonstrated the rare Sandal tree and toughed morphological feature and taxonomical characteristic of Sandal plant. Dr. Ridhi Joshi explained the working principle and handling of binocular microscope, digital microscope and photography procedure. She demonstrated the handling of instruments like HPLC, HPTLC, Real time PCR, Compound cabinet machine, spectrophotometer, Refrigerated centrifuge etc. Prof. Ramavtar Sharma Head of the department boosted the energy of knowledge of students and invited the students for working in research laboratories any time if they want to do some.



*Educational visit to Department of Botany, University of Rajasthan*

**Patents Granted**

- ◆ Dr. Leena Bhatia, Department of Computer Science got certificate of registration of design on “AI Based Signboard for Marketing”, Design No. 409507-001 in March 2024.
- ◆ Dr. Sonal Bordia Jain, Department of Computer Science got a patent published on “System and Method for Improving Weather Forecasting Accuracy through Machine Learning Enhancement”, Design No. 202411017002 in April, 2024.
- ◆ Dr. Sarita Singhal, Department of Chemistry got certificate of registration for designing of "Laboratory Microfluidizer for Preparation of Niosomes, Design number 418411-001 dated May 29, 2024".
- ◆ Dr. Praveen Chaudhary, Deptt. of Computer Science got a patent published on “5G Based Wireless Network Repeater”, Design No. 202411058497A, in August, 2024.
- ◆ Dr. Shazia M. Jamal, Department of Botany got a patent published on "Formulation and Development of emulgel containing *Actaea racemosa* L. extract for treatment of Breast Cancer", with Application No. 202311086148A in March, 2024.
- ◆ Dr. Tripti Mehta, Department of Mathematics got a patent published in the Patent Office titled “MHD Radioactive Caisson Fluid Flow Over a Non-Linear Extending Surface with Cross Diffusion Impact in the Presence of Buoyancy and Porous Impacts” in July 2024.

**Ph.D. Awarded**

- ◆ Ms. Mridula Jain, Department of Mathematics completed her doctorate on "Performance Modelling and Optimization of Stochastic Inventory Queueing Models using Soft computing Techniques" from Manipal University, Jaipur in August 2024.
- ◆ Mr. Vinod Jakhar, Department of Physical Education completed his Ph.D. on "A Study of Occupational Stress & Job Satisfaction among Physical Education Teachers with special reference to its Organisational Environment of Schools" from Bhupal Nobles University, Udaipur.



*National Seminar on “Land Restoration, Desertification and Drought Resilience”*

A one day National Seminar on “Land Restoration, Desertification and Drought Resilience” was organized on the occasion of World Environment Day on June 5, 2024. Under the auspices of IHEC (Indian Human Ecology Council) commonly known as CHEC-India - chapter of Commonwealth Human Ecology Council, London. The theme presentation of the seminar was delivered by Dr. Rajesh Kr. Yadav, Convener of the Seminar. Keynote speech delivered by Prof. T.I. Khan, Ex. President IHEC, suggesting the measures for combating land degradation and promoting restoration measures. Guest of Honor, Prof. P.C. Trivedi, Ex. Vice Chancellor, JNV University Jodhpur, emphasized that the effective way to combat desertification is enhancing more and more plantation drives for sustaining the ecosystem. Prof. H.S. Sharma, Honorary President, IHEC suggested the Action Plan and recommended various ways for implementing the ecosystem restoration measures. A book titled "A Decade of Shaping the Future: Global Harmony, Cooperation, and G20," published by Iterative International Publishers was also released on the day. The book has been edited by Dr. Chitra Rathore and Dr. Richa Singhal and features 50 articles offering diverse perspectives on G20, contributed by paper presenters at the National G20 Summit 2023.



*Geo-Political Situation Concerning India*

The department of Political Science organized a lecture on the “Geo-Political Situation Concerning India” on March 2, 2024. The distinguished guests included Sh. Jhbar Singh Kharrar, Minister of State, Independent Charge Urban Development and Self-Governance Department, Govt. of Raj., and defense expert and TV personality, Colonel R.S.N. Singh. Sh. S.S. Bothra, Honorable Secretary, Subodh Shiksha Samiti, graced the occasion. Shri Kharrar traced India's historical commitment to protecting common interests, dating back to Emperor Ashoka's era, which has solidified its position as a global leader with religious sovereignty. Colonel Singh elaborated on topics like the Indo-Pacific Circle, G20 conference, and covert footprint diplomacy.

*Hindi Diwas* was celebrated by the Department of Hindi by organising a guest lecture on the topic “*Varthaman Paripekshya me Hindi Bhasha ka Mahatva*” by Prof. Vinod Sharma, Principal Rajathan College and Head, Department of Hindi, University of Rajasthan, Jaipur on September 14, 2024.



*Hindi Diwas*

- ◆ Ms. Anuradha Sharma, Deptt. of Sociology & Social Work completed her doctorate on “Reproductive Health Rights of Working Women in Higher Educational Institutions: A Sociological Study of Jaipur City, Rajasthan” from University of Rajasthan, Jaipur in July 2024
- ◆ Ms. Jaya Dalal, Department of Zoology completed her Ph.D. on the topic “Evaluation of the Textile Dye Decolorization using Fungal Laccase as Nanobiocatalyst” from University of Rajasthan, Jaipur in Feb. 2024.

**National & International Publications**

- ◆ Dr. Neel Kamal Purohit, Department of ABST, published the following research papers:
  - “Modigliani-Miller Proposition II on best performing Nifty midcap 50 stocks” (An ABDC Indexed Journal) Journal of Informatics Education & Research, ISSN: 1526- 4726, Vol 4 (3), pg 646-663, 2024.
  - “Unveiling the Power of Machine Intelligence: A Study on Its Impact on Financial Performance and Risk Management” in Vegueta. Anuario de la Facultad de Geografía e Historia 24 (1), 2024. eISSN: 2341-1112
- ◆ Dr. Rashmy Nair, Department of Chemistry, published the following research papers:
  - “Synthesis of 2-aryl quinoxaline derivatives and their in-silico investigation for breast cancer medication.” published in Synthetic Communications, Vol. 54 (9), pg 746-757, April 2024.
  - “Synthesis and evaluation of isoxazole derivatives of lapachol as inhibitors of pyruvate kinase M2” published in Synthetic Communications Vol. 54 (16), Pg 1311-1320, July 2024.
  - “Sulfonated reduced graphene oxide (rGO-SO<sub>3</sub>H): A green, sustainable and efficient heterogeneous catalyst for synthesis of pyrazole containing, 4-dihydropyridine derivatives.” published in Journal of Molecular Structure, Volume 1322(1), 140297, October 2024.



*Seminar on 'Emerging Trends and Techniques: Digital Marketing'*

One Day Seminar on ‘Emerging Trends and Techniques: Digital Marketing’ was organised by Department of Computer Science, for MCA, BCA, M. Sc. IT and PGDCA students on August 10, 2024. Mr. Gajendra Gaur, Digital Analyst from by Pedestal World Private Limited was the key speaker. The session was very interactive and queries of students were answered by the speaker at the session end.

World environment day 2024 was celebrated by the college in association with Rajasthan Environment and Energy Conservation centre Jaipur at Hotel Clarks Amer Jaipur on June 4, 2024. Theme for the programme included an enhanced and elaborative submission of the Environment Day review regarding land restoration, desertification and drought resilience through effective water conservation and storage ideas. The students participated in different activities like poster making, working and non-working models, environmental awareness rallies etc.



*World Environment Day*



*Seminar on Personal and Professional Success*

A seminar on "Personal and Professional Success" was organized on September 12, 2024, to enlighten students on achieving success in life. The guest speaker, Shri Naveen Sharma, a renowned TV actor and founder of Naveen's School of Performing Arts, captivated the audience with his insights. The seminar was highly interactive, engaging the students, who thoroughly enjoyed the experience while gaining valuable knowledge.

Department of Physics organized a seminar series - "Interact with Scientist" in association with the WeMR (We Mentor Research) on March 16, 2024, in hybrid mode. Eminent speakers Dr. Abhishek Pathak, Particle Accelerator Physicist and an expert in machine learning. He is currently Research Associate at Fermi National Accelerator Lab, Chicago USA. He has also been associated with DESY, Brandenburg, Germany. He gave detailed overview on "Particle Accelerators: Applications and Future" for a brighter and healthy future stimulated students towards academic goals in the field of research. Student of several institutes are benefitted through it. The aim of this lecture is to empower the youth of India for a brighter and healthy future in the field of science, research and guide them towards promising research careers in "Particle Accelerators Physics". This event proved to be a resounding success, drawing attention to the field of Nuclear Physics.



*Seminar Series - Interact with Scientist*

◆ Dr. Chitra Rathore, Department of EAFM, published the following research papers:

- “Impact of Social Security Schemes on Financial Inclusion: In the special context of Atal Pension Yojana, Pradhan Mantri Mudra Yojana, and Pradhan Mantri Jan Dhan Yojana ” in International Journal of Commerce and Economics, Vol. 6 (2), Online ISSN: 2664-7540, 2024
- “Journey of Unicorn Startups in India: Growth, Prospects & Challenges Ahead” in the Journal of Oriental Research Madras, Vol XCIV-VIII, ISSN 0022-3301, July 2023.
- “Major Driving Forces for the Indian SME Pharmaceutical Industry: Using Porter's Five Forces Framework for a Comparative Analysis” in International Journal of Life Science and Pharma Research, Vol 13, L100-L108, ISSN 2250-0480, July 2023.

◆ Dr. Richa Singhal, Dept. of EAFM, and Dr. Gauri Dhingra, Dept. of BADM, published two research articles:

- "Sustainable Development Practices in the India-Middle East-Europe Economic Corridor (IMEEEEC): Environmental and Social Impacts on Regional Economies," in the Journal of Chartered Accountants ISSN: 0009-188X, Volume 72 in June, 2024.
- "Flowing Forward: Exploring Cutting-Edge Innovations in the Faucet Industry," in the Journal of Xidian University ISSN: 1001-2400, Volume 17, Issue 12, December 2023.

◆ Dr. Priti Gupta, Department of Business Administration published the following papers:

- “Holistic Well Being in the Digital Age” in Strad Research, Vol. 11(9), ISSN:0039-2049, in Sep. 2024
- “The Ethical Dimensions of Air Pollution Regulation and Management” published in EPRA International Journal of Multidisciplinary Research Vol. 10 (7), ISSN : 2455–3662, in July 2024.



*Bangladesh Crisis: In the Context of South Asia*

A lecture on the topic "Bangladesh Crisis: In the Context of South Asia" was organized by the Department of Political Science on September 27, 2024, drawing attention to the geopolitical dynamics of the region. Prof. Sanjay Bhardwaj, Jawaharlal Nehru University, New Delhi provided an in-depth analysis of the crisis, delving into both the internal factors within Bangladesh and external influences affecting the region. He notably underscored China's involvement and its broader implications on the crisis, giving the audience a comprehensive view of the geopolitical strategies at play. Prof. Shyam Mohan Agarwal, HOD, Political Science, University of Rajasthan, served as the co-speaker. His contribution added valuable insights into the academic and practical aspects of the crisis, further enriching the discussion.



*Teacher's Day*

Teacher's day was organized in the college on September 5, 2024 with great enthusiasm. Students organized many interesting games like Prick the Balloon, Musical Chair, Dumb Charade, Guess the Words for faculty members and exciting prizes were given to winners. Cake cutting ceremony was also held at the end of programme.

The NSS unit of the college hosted the "Anandmaya Jeevan-Anandam Yoga Shivir" on May 13, 2024, in collaboration with Yoga Peace Sansthan. The Yoga expert was Sh. Dhakaram. The event aimed to promote holistic well-being and mindfulness among students and staff. Participants engaged in various yoga practices, gaining insights into achieving a balanced and joyful life through the ancient discipline of yoga.



*Anandam Yoga Shivir*



*MoU with ICAI*

The college signed a Memorandum of Understanding (MoU) with the esteemed institution ICAI, during the Global Education Summit on Commerce and Accountancy (GES-CA) held in New Delhi on July 5, 2024. Dr. Richa Singhal, exchanged the MoU on behalf of the college, marking a significant step towards strengthening collaboration in the field of commerce and accountancy education.

Ms. Khushi Sharma, Mr. Mithilesh Yadav, Mr. Kalpesh Jangir, Mr. Arnav Sant, Ms. Manisha were winners of Project competition in 38th Indian Association of Physics Teachers (IAPT) National Convention held at Dharmshala, Himachal Pradesh during October 14 -18, 2024.



*IAPT National Convention*

- ◆ Dr. Mridula Jain, Department of Mathematics published an article titled “Cost Analysis of Fuzzy Discrete (s, S) Queueing Inventory System with Positive Lead Time and Optimization using Genetic Algorithm”, in *Inquietud Empresarial*, Vol. 24(2), 2024.
- ◆ Dr. Radhika Goyal, Department of Mathematics published an article titled “Anisotropic Bianchi type V10 Space-Time with Barotropic Fluid in Sáez -Ballester Theory of Gravitation” in *Journal of Scientific Research* 16(3): 695-703, Sept. 2024.
- ◆ Dr. Khushbu Bhaskar, Department of Mathematics published a research paper titled “ Impact of non-uniform heat flux, Arrhenius activation energy on gyrotactic microorganisms in conducting a nanofluid flow” in *International Journal of Ambient Energy*, Volume 45(1), 2402737, September 2024

**Books Published**

- ◆ Dr. Rashmy Nair, Department of Chemistry, wrote a book titled “Chemistry (Reaction Mechanism, Stereochemistry, Aromatic Hydrocarbons and Chemical Kinetics) for B.Sc. II Semester based on NEP-2020 and as per CBCS published by Neelkanth Publishers (P) Ltd., ISBN No: 978-93-5736-310-5
- ◆ Dr. Leena Bhatia, Department of Computer Science published a book chapter “Artificial Intelligence and Intelligent Computing Techniques based Telemedicine and Healthcare” in the IIP Book Series Artificial Intelligence and their Applications under Volume 3, 2023. ISBN No.: 978-93-5747-425-2 Page: 63-73
- ◆ Dr. Richa Singhal, Department of EAFM, wrote a book "Indian Banking and Financial System" aligning with NEP-2020 ISBN: 978-93-92064-82-1 published by RBSA Publications, Jaipur, and a book chapter titled “The Development of Financial Markets in Asia and Pacific: A Mitigation of the Global Crises, in an edited book on “Emerging Trends in Smart Societies” published by Routledge, Taylor & Francis Group, ISBN: 978-1-032-78820-3, July, 2024.



*Dealer Hand-over Ceremony*

The Dealer Handover Ceremony for second-year students of the BBA Retail Programme was held on August 28, 2024. The day commenced with an interactive session led by Shri Yogesh Shrivastava, Manager Maruti Suzuki India Ltd. (MSIL), followed by an assessment of the students’ readiness for their on-the-job training (OJT) prior to the ceremony. Principal Prof. K.B. Sharma addressed the students,

emphasizing the importance of hard work and perseverance. The highlight of the event was the distribution of appointment letters for the students’ OJT, a crucial part of their curriculum. The course, in alignment with the Government’s Skill India initiative, integrates vocational training with academic learning, with OJT serving as a vital component of the curriculum.

Ms. Nikita Gupta and Ms. Rajni Gora from the Computer Science Research Centre at the College, have been awarded Ph.D. degrees by RTU, Kota on the titles "A Voting Classifier Framework for Improved Performance of Software by Detecting Fault," and "Software Development Effort Estimation (SDEE) using Stacking Ensemble of Machine Learning Techniques" respectively. Both scholars completed their research under the guidance of Prof. R.R. Sinha, from the Computer Science & Application Department marking a significant academic milestone in the college’s legacy of research excellence.



*Independence Day*

The 78th Independence Day was celebrated with great patriotic fervor in the college, where the spirit of nationalism shone through despite substantial rainfall. The flag hoisting ceremony proceeded with enthusiasm, emphasizing the Subodh family’s unwavering dedication to honoring the nation's freedom. The celebrations reflected a strong sense of pride and unity among all present.

The Rangers and Rovers undertook a Voter Awareness Campaign on February 28, 2024. Nearly 150 participants joined a spirited rally inaugurated by Principal Prof. K. B. Sharma. The rally aimed to inculcate informed decision-making and active participation in the democratic process, aligning with the college's commitment to civic engagement and social responsibility.

A Seven-day camp was organised from February 23 – 29, 2024 at Durgapura Gaushala, Jaipur with different activities like voter awareness program, Shramdan, Street Play, Rally etc. During the closing ceremony on February 29, 2024, Shri S.P Bhatnagar, Regional Director, NSS Rajasthan and Dr. K. K. Kumawat, State Coordinator NSS, College Education, Government of Rajasthan graced the event with their presence.



- ◆ Dr. Priti Gupta, Dr. Gauri Dhingra, Dr. Tripti Vijayvargiya and Dr. Payal Goyal, Department of BBA authored a book titled “Time Management”, published by IV Gardners Inc., Jaipur, ISBN No.978-811914534-8 in February 2024.
- ◆ Dr. Suprithi Paliwal, Department of Psychology published a book chapter entitled “Prison: A Place of Punishment or Rehabilitation” in book “Envisaging Viksit Bharat @ 2047” ISBN 978-93-56407-34-3 in July 2024.
- ◆ Dr. Vimal Katta, Dr. Radhika Goyal, Dr. Tanu Jain Kasliwal, Department of Mathematics wrote a book on “Mathematics: Calculus” in English published by College Book House, Jaipur
- ◆ Dr. Vimal Katta & Dr. Radhika Goyal, Department of Mathematics wrote a book on “Discrete Mathematics & Optimization Techniques” published by College Book House, Jaipur.
- ◆ Dr. Reenu Chauhan, Department of Botany published a Book Chapter- “Mycobial Nanotechnology in Bioremediation of Waste Water” in Microbiome-based decontamination of Environmental Pollutants. Ch7 ISBN:978-0-443-21781-4.
- ◆ Dr. Sneha Sharma, Department of Psychology published a book chapter entitled “Nomophobia: Rising Concern for Indian Youth” in book “Envisaging Viksit Bharat @ 2047” ISBN 978-93-56407-34-3.

**Orientation/Induction Programme/ Refresher Course**

- ◆ Dr. Chitra Rathore, Department of EAFM participated and successfully accomplished the online Refresher Programme from May 20 -24, 2024 on “Innovation & Technology in Digital Pedagogy” organized by Subodh Management Institute, Jaipur.



*Alumni Interaction*

On October 10, 2024, the Old Seminar Hall buzzed with excitement as Mr. Yogesh Kr. Burdak and Mr. Raghav Prajapati, esteemed alumni of B.Sc. Physics, delivered a thought-provoking lecture titled "The Bizarre World of Physics and Research Opportunities in India." They highlighted various research opportunities available

in India, encouraging students to explore the diverse paths that a career in physics can offer. Mr. Burdak and Mr. Prajapati captivated the audience with their engaging presentations, sharing personal experiences that illustrated how they navigated their academic journeys. Their words served as a powerful source of inspiration, motivating students to aspire towards achieving their full potential. In conclusion, the guest lecture proved to be an enriching experience for all participants.

A Training Program on “Cybersecurity Training for Educators & Students of Higher Education” was organized for the students of BCA and B.Sc. Final Year students Microsoft in collaboration with ICT Academy which is an initiative of Ministry of Skill Development and Entrepreneurship, Government of India, State Government and Industry. The 100 Hours Training, comprised of 30 Hours Training conducted in house by the trained faculty members and 70 Hours of training conducted from the official trainers from ICT Academy.



*Cybersecurity Training for Educators & Students by Microsoft*

An industrial visit was organised by Department of Microbiology to Saras Dairy Plant, Jaipur on April 3, 2024. The main objective behind the visit was to make students aware about how various activities related to receiving milk from tankers, production, dispatching, marketing are carried out in the company.



*Industrial Visit to Jaipur Zila Dugdh Uptadak Sahakari Sangh Ltd.*

- ◆ Dr. Monalisa Kulshrestha, Dr. Ajaya Eesha, and Dr. Neetu Jain, Dept. of Botany did Refresher Course on “Natural Farming for Environmental Sustainability and Development” from Feb. 12-24, 2024 conducted by Department of Forestry, Wild Life & Env. Science & UGC- MMTC, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur.
- ◆ All faculty members of the college attended the NEP Orientation & Sensitization Programme, organised by UGC- Malviya Mission-Teacher Training Centre and HRDC, University of Rajasthan, Jaipur in three different slots.
- ◆ Dr. Aashima Katta, Department of Psychology attended the Faculty Induction Programme, organized by TLC Ramanujan College under Ministry of Education from January 22-February 20, 2024.

### Students Gallery of Fame

- ◆ Ms. Neha Surana and Ms. Manisha Saini, MCA students of the college, were awarded Gold Medals at the 13th Convocation of RTU organised on July 6, 2024. Neha secured RTU Rank I in the 2022-23 academic year, while Manisha achieved Rank I in 2021-22. Additionally, Mitali Agarwal earned Rank 6 in 2022-23, and in 2021-22, Preeti Sharma, Tashu Jangid, and Nazneen secured Ranks 8, 5, and 9 respectively, bringing honor to the college with their outstanding achievements.
- ◆ Ms. Ravina Sharma, M.Sc. Chem. Semester III did her summer internship in Dept. of Chemistry, IIT Delhi, under Prof. S. Nagendran on the topic: ‘Main Group Elements 14th Group in periodic table, Synthesis of Boryl lithium Reagent.’ from June 12 -Aug 17, 2024. She had hands on experience on different instruments and techniques like Schlenk line, Glovebox, Chemdraw software, NMR techniques.
- ◆ Ms. Nandini Jain, B.Com. Semester I won gold medal in the Ist Peaceful Yoga Tournament held on Sept. 1, 2024.



World Consumer Rights Day

On the occasion of World Consumer Rights Day March 15, 2024, a seminar and Agmark exhibition was organized by Directorate of Marketing and Inspection, Regional Office Jaipur collaboration with the college. The guests of honour included Sh. D.M. Mathur, Chairman, National Consumer Disputes Redressal Commission; Sh. R.C.Meena, Assistant Agricultural Marketing Advisor, DMI Jaipur and Shri Gyarasi L. Meena, Chairman National Consumer Disputes Redressal Commission. All the speakers emphasized on the needs related to consumer-friendly campaigns and provided information about the Consumer Protection Act 2019. They highlighted the achievements and benefits of such programs which have helped various organizations working with consumers in their interest like CANS, CUTS, DISTT. Shri R.C. Meena highlighted the various agricultural marketing schemes of Ministry of Agriculture Welfare, Govt. of India like Agmark Certification, e-NAM, FPO, Agmark net, Rural Warehousing Scheme etc. along with the internship program. An Agmark exhibition was also organized in which various Agmark packers displayed their products at stalls and demonstrated adulteration by setting up a mini lab. More than 600 students visited the Agmark exhibition and learned about the importance of Agmark and consumer rights.

On the occasion of National Technology Day, a three- day programme was organized in the college from May 9-11, 2024 under the joint venture of Department of Science & Technology, Vigyan Bharti Rajasthan, CSIR CEERI Pilani, RTU Kota, BTU Bikaner, Shakti and Subodh College. Amongst the eminent speakers Dr. Abhay Jere Vice Chairman, AICTE & Innovation; Dr. Akhilesh Mishra, Scientist F, DST New Delhi; Dr. Manoj Rohilla, DBT New Delhi; Dr. Vivekanand Pai, National Secretary, Vigyan Bharti were a few to name. The other renowned guests during these three days were V. Sarvana Kumar, Secretary, DST Rajasthan; Dr. L.S. Rathore, President, Vigyan Bharti, Rajasthan; Er. Anurag Agarwal, Chairman, Arya Group, Prof. K.B. Sharma, Dr. Meghendra Sharma, Secretary, Vigyan Bharti, Rajasthan, Ms. Lata Rawat, Chairman, Cambridge Group, Sh. P.R. Sharma, MSME, Dr. Arvind Agarwal, Chairman, Arya Group, Prof. S.K. Singh, Vice-Chancellor, RTU, Kota & Biju George Joseph, Police Commissioner. The workshop series based on Skill, Social Entrepreneurship, Fundamental Science, Artificial intelligence, Biotechnology, Aircraft and life support was addressed by Sh. Gopal Sharma from Padmnabh Team, Sh. G. S. Menaria from Jaipur, Dr. Kunal Jain from USA, Er. Sanjay Bansal, Er. Raghav Sharma and Er. Sona Arora. In this three days event 56 students of Junior group, 80 students from Senior group and 120 Engineering students participated.



National Technology Day

- ◆ Ms. Manisha Bai, MSc Chemistry Semester III has her internship scheduled in CSIR- National Chemical Laboratory, Pune from November 5, 2024, under Dr. Vincent Paul.

### NET/NET-JRF Qualified

- ◆ Following students of different departments qualified NET/NET-JRF in June-2024

### Department of Zoology

- Tanuvendra Swaroop Pathak  
CSIR -JRF, Ph.D., AIR 67
- Ajay Saini  
CSIR -JRF AIR 80
- Kamal Singh  
CSIR- JRF AIR 105
- Ayushi Khandelwal  
CSIR-JRF AIR 128
- Suman Kumawat  
CSIR-JRF, Ph.D. AIR 153
- Prakash Jakhar  
CSIR- JRF AIR 209
- Naresh Mayal  
CSIR-JRF AIR 264
- Mridul Khandal  
CSIR- JRF

### Department of Physics

- Royal Meena AIR- 211 - 2022-24
- Amisha Fageriya - 2022-24
- Narendra Samta - 2022-24

### Department of Botany

- Manish Dhakad  
JRF-Ph.D. AIR 133-2017-19
- Pooja Choudhary  
CSIR-NET JRF 239 - 2021-23

### Department of Mathematics

- Divyaraj  
NET/JRF AIR 134 2023-25
- Bharti NET/JRF AIR 209  
2020-22
- Ranu Mewara NET 2021-23

### Department of Environment Science

- Nirmala NET 2022-24
- Monika NET 2017-18
- Dharna, JRF-Ph.D.
- Sangeeta Meena JRF-Ph.D.

## Missing Tile Syndrome

**Dr. Sneha Sharma**  
Department of Psychology

Once an owner of a big hotel decided to build a beautiful swimming pool to match the beauty of his magnificent hotel. With the help of world class architects, using imported Italian tiles a marvellous swimming pool was ready for guests. All sides of pool had eye-catching Italian tiles with beautiful blue colour theme and cool electrification. Initially the guests visiting the hotel began to appreciate the architectural marvel of the pool, taking photographs, selfie, etc. but this appreciation did not last for long, as one of the visitor's eyes caught the glimpse of the portion in swimming pool which has a blank space, without a piece of tile affixed which occurred due to the mistake of a worker who left one of the pieces of tile without fixing and space is accidentally left blank. Now, though initially everyone who came to the hotel admired the beautiful Italian tiles and appreciating the same yet as soon as the attention went to the blank space in between the beautiful tiles. Every visitor is talking about the missing tile and they could no longer continue to admire the beautiful swimming pool, rather their attention got stuck only to the missing portion among the tiles. Whoever saw the swimming pool has only one complaint and that is about the missing tile.

This 'missing tile' teaches us about our psychological behaviour which gets attracted only towards the defect in any item, person or situation. This is called missing tile syndrome.

It is a psychological phenomenon that occurs when individuals focus on what is missing or lacking in their lives, rather than appreciating what they have. This mindset can lead to feelings of dissatisfaction, envy, and a constant fear of missing out on opportunities or experiences. This constant focus on what is missing can prevent individuals from fully enjoying the present moment and developing a sense of gratitude for what they already have. By constantly fixating on what is missing, individuals with Missing Tile Syndrome may overlook the abundance of blessings and opportunities present in their lives. This mindset can be detrimental to mental well-being and overall life satisfaction. In order to overcome Missing Tile Syndrome, it is important for individuals to shift their focus towards gratitude and appreciation for what they have. Using mindfulness practices, such as gratitude journaling or meditation, can help individuals develop a more positive mindset and shift their perspective away from what is lacking.

## मोबाइल

तू आया था लोगों कि जरूरत पूरी करने,  
मगर तू तो लोगों कि जिंदगी बन गया।  
हे मोबाइल तू नहीं था जब,  
तू लोगों की जिंदगी थी, सादगी थी, रिश्ते थे,  
मगर तुमने तो इन सब का सुख छीन लिया।  
पहले लोग मिलने को कहा करते थे,  
मगर मोबाइल आने के बाद तो मिलने को तरसते हैं।  
पहले महिलाएँ पनघट पर मिला करती थी,  
पर अब ये विडियो कॉल पर मिला करती है।  
तू नहीं था जब गांवों में चौपाल थी, सभारं थी,  
लोगों का एक साथ उठना बैठना था,  
मगर तुमने तो इन सब का सुख छीन लिया ।  
पहले प्रेम के खत से खुशबू आया करती थी,  
पर आज के दौर के आशिकों को क्या पता वो खुशबू कैसी थी।  
टार्च, कम्प्यूटर, केलकुलेटर, पहले ये सब थे,  
पर हे मोबाइल तुमने तो इन सब का हक छीन लिया ।  
वाह ! मोबाइल तुमने लोगों को बेजबान वाला जानवर बना दिया ।  
वाह ! क्या कमाल है मोबाइल तेरा...



हरिप्रकाश मेहरा  
बी.ए. सेमेस्टर-IV

- ◆ Eight cadets UO- Bharatveer Singh, Aman Sen, Hitesh Yadav, Deepander Singh, Sanjay Singh Rathore, Nikhil Kumar, Supriya Rathore, and Priyanka participated in the Republic Day Camp, Delhi, on behalf of Directorate NCC, Rajasthan. They attended the President's Party.
- ◆ Two cadets of the college, Supriya Rathore and Priyanka, participated in All India Guard of Honor Team on Republic Day.
- ◆ Cadet- Hitesh Yadav participated in the Flag Area Competition and participated in the Best Cadet Competition.
- ◆ UO- Bharatveer and UO- Aman Sen participated in the Prime Minister's rally.
- ◆ Cadet Payal Shekhawat participated in Kartavya Path Parade, New Delhi on Republic Day.
- ◆ Cadet Vishnu Pal Singh Shekhawat and Lakshit Singh Shekhawat participated in Republic Day PM Rally at Delhi Camp.
- ◆ Cadet Ashutosh Pareek participated in cultural event of Republic Day in Delhi.
- ◆ Cadet Kushal Kumar represented Rajasthan on Republic Day, New Delhi in PM Rally All India Platoon Commander

A contingent of 50 students of the college showcased their talent in the Chandigarh Inter-College Fest 'SARVISKAR' hosted by the Chandigarh Group of Colleges on October 22-23, 2024 in Chandigarh. The following students won the prizes:

- Ms. Khushi Sharma, B.Sc. (Physics Hons) Semester V won the title of 'MissSaviskar' and a cash prize of Rs. 3100/-
- Ms. Vanshika Gehlot, B.Com. EAFM Honours Semester III and Ms. Pushpa Swami, B. Sc. Semester III won first and second position respectively in Face Painting competition.
- Mr. Harshvardhan Singh Shekhawat, B.Sc. Semester III won first position in Mobile Gaming.

## Live Like Alive

**Yashwant Soyal**  
BBA Sem-V

In today's fast-paced world, many people seem to be living in a zone of fantasy, striving to align their lives with an idealized version depicted in media or society's expectations. The pursuit of material success—wealth, luxury cars, big houses, and social status—has redefined prosperity and happiness, leaving behind the true essence of living. We follow societal standards to define our world and measure our joy, often forgetting that life is not just about accumulating things that look appealing or impress others.

The fundamental truth is that life is meant to be lived joyfully, with genuine happiness found in the present moment. The real treasures of life are not bought but given freely by nature—cleanwater, fresh air, the warmth of the sun, the majesty of mountains, the soothing sound of flowing rivers, and the serene beauty of the night sky. These gifts from nature offer the most profound satisfaction, yet we often overlook them in our pursuit of artificial ideals.

To truly live like we are alive, we must redefine prosperity by our own terms, embracing the simple joys that life has to offer. It's about appreciating the natural world and engaging with the present—feeling the morning breeze, watching the sunset's hues, and immersing ourselves in the peace that comes from nature. True fulfillment arises not from living in a world of imagination

but from being present in the real world, where the beauty of life unfolds around us every day.

As we step away from chasing society's definitions of success, we reconnect with our surroundings and ourselves. We realize that the ultimate happiness lies not in what we acquire but in how we live and experience life.

“Happiness is not about getting all you want, but enjoying all you have.”

