



# Pratibimb

**S.S. Jain**  
**Subodh Girls P.G.College,**  
**Sanganer, Jaipur**

## Convenor's Message

I have a great pleasure in expressing my thoughts as the Convenor of the College .

It is great to find a considerable number of winners and participants in co-curricular and extracurricular activities which certainly prove that our staff and students are adequately equipped and possess necessary skill-sets to bring such laurels to the institution. I hope that this number may grow in the years to come.

I wish the best for all our staff and students who reiterate their aims at providing the best in academic and extra-curricular fields.

It is my pleasure in congratulating the editorial board and I am sure that publishing a newsletter of this sort containing the achievements of the wards will be recognition to the parents as well . I wish them all the very best for future endeavors.

**Mrs. Veena Jamad**  
**Convenor**



**Mrs. Veena Jamad**

## From the Principal's Desk

It is a matter of great pride and satisfaction to bring out the Newsletter, **Pratibimb** for the period with glimpses of achievements & highlights of the college.

The name **Pratibimb** - signifies shadow which very aptly sums up its objectives of reporting the significant activities carried out by students, faculty and alumni in the areas of teaching and learning, research and development and social interaction.



**Dr. Rita Jain**

Our institution holds the manifold distinction of being amongst the best when one considers the present status of women education and empowerment .

The laudable exercise of the students and staff of this Institution has already brought laurels in the name of one of the top and best colleges in the city . I wish that everyone continues in their untiring efforts, not only to retain this reputation but to grow to further high standards by whole-heartedly participating in various events.

Today's students are tomorrow's leaders and they are the pillars of the society. To be an effective pillar one should scrupulously uphold the positive traits on each foot of his journey of learning and prove that before titles, achievements, and awards, comes a relentless patience for learning and education, and an optimistic attitude that seeks only to usher students into their intellectual selves.

I appreciate the efforts put in by the editorial board to bring out this edition.

**Dr. Rita Jain**  
**Principal**

## In This Issue

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## Editorial

"Pratibimb " is like a mirror which reflects the clear picture of all sorts of activities undertaken by the college and develops writing skills among students in particular and teaching faculty in general.

Not only are we giving back to the College that supports the entire community as a whole but it inspires students to become aware of the opportunities that are available to them outside of the classroom.

It has been our constant endeavor to acquaint our readers with the achievements of the Subodh fraternity. This issue also features students, staff and researchers whose passion for discovery takes them to some unusual heights .

**Editor in Chief**      **Dr. Susan Sam**  
**Executive Editors**      **Dr. Anita Sharma, Dr. Poonam Panghal, Ms. Apoorva Sharma**



### NAAC Accreditation Framework

On 9<sup>th</sup> July, 2021, A one day National Workshop “NAAC Accreditation Framework -2021” was organized by IQAC. Prof H.K. Anatha Subba Rao, Former Head and Consultant, NAAC, Bangalore, highlighted NAAC Accreditation and its benefits for the Higher Education Institutions.

On 10<sup>th</sup> July, 2021 Mr. Mukul Kataria, International Hockey Player and Fitness Trainer, also enlightened the students on the topic. “Scope of Sports/ Fitness”. The focus of the talk was maintaining Physical Fitness on and off ground and job opportunities in this field .

From 10<sup>th</sup> to 24<sup>th</sup> July, 2021, a two week Virtual Student Development Program (SDP) was organised for the personal improvement and individual development of the students. Sessions on Mandana making, Slogan competition on “women empowerment” were held.

On 13<sup>th</sup> July, 2021, a Guest Lecture on Personality Development was delivered by Mrs. Suhasini Tiwari, a Soft skill trainer and professional photographer, Jaipur.

On the same day, a guest lecture was conducted by the Department of English on “Knowing Thyself”. The resource person, Dr. Vinita Kumawat, Alumni and Lecturer, Government College, Dausa enlightened the students on Intrapersonal skills and Objective skills .

On 14<sup>th</sup> July, 2021, the Department of Sanskrit and Hindi organized a lecture by Dr. Usha Sharma, Assistant Professor, Sanskrit. The subject determined was “मानवीय मूल्यों का आधार संस्कृत भाषा”.

On 16<sup>th</sup> July, 2021 a lecture was delivered by Dr. Sushant Bhatnagar, Assistant Professor, Department of Oral and Maxillofacial Surgery, Subharti Dental College and Hospital, Meerut, who took an informative session on “Good Oral Hygiene for Healthy Lifestyle”.

On 16<sup>th</sup> July, 2021, Dr. Rachanaa Datey, Founder Director, Quest Education Training and Learning Solution, Indore, gave a deeper understanding of “Personal Branding, Practices, Guidelines and Formulating Strategies”.

On 17<sup>th</sup> July, 2021, Mr. Deepak Khaire from Vivekananda Kendra, Jodhpur, spoke on “Concentration, its Practice and Guidelines”. He focused on why concentration is important for students and how they can relieve unnecessary stress and set goals in their lives .

On 19<sup>th</sup> July, 2021, a lecture was organised on “Covid Prevention and Control” by Professor Ashwani Kumar, Retd. Professor and Head of the Department, Botany, University of Rajasthan.

On 21<sup>st</sup> July, 2021, a guest lecture on “Life Skills” was delivered by Dr. Garima Chauhan and Dr. Priyanka Dadhich, Associate Professor, Department of Computer Science, Delhi Institute of Pharmaceutical Science and Research. Various aspects of life skills, decision making, critical thinking and maintaining healthy relationships were the points of discussion.

On 22<sup>nd</sup> July, 2021, a guest lecture was conducted by the Department of History on “How to prepare for competitive exams”. The resource person was Mr. Nishat Ahmad Khan, Executive Director of AHA, IASAcademy.

On 24<sup>th</sup> July, 2021, the Department of Political Science organised a Poster competition on the topic “COVID-19, Impact on Education”.



### Motivational session by RAS-Swati

On the same day, a motivational session was organised by the Department of Botany in which the alumni of the college, Ms. Swati, who secured 7<sup>th</sup> Rank in RAS 2018, female category, inspired the students by sharing her views and experiences during her preparation of RAS and how to equip oneself for the interview with strong determination and hard work.

On 6<sup>th</sup> August, 2021, a Tree Plantation Drive was organised by the N.S.S unit in the nearby villages, Buddhsinghpura and Khokhawas.



### Independence Day celebration

On 15<sup>th</sup> August, 2021, the 75<sup>th</sup> Independence Day was celebrated at the campus where the Principal, Dr. Rita Jain unfurled the National Flag and the National Anthem was sung by students and staff as a mark of tribute to the Nation and the freedom fighters of India.

A four week long “Intra College Cultural Competition-Kala Utsav” was held in the month of September where various competitions like face painting, singing, dancing and rakhi making competitions were held online.



On 17<sup>th</sup> August, 2021, GATEWAY TO SUBODH- “Online Admission cum Scholarship Test” was organised for the students of class 12<sup>th</sup> from various schools outside and around the city, seeking admission into colleges. The test was in the form of Quiz and Poster Competition in which the winners were awarded.



**Gandhi Jayanti Celebration**

On 2<sup>nd</sup> October, 2021, on the occasion of Gandhi Jayanti and Shastri Jayanti, the various competitions were organised like debate, poster and short play.

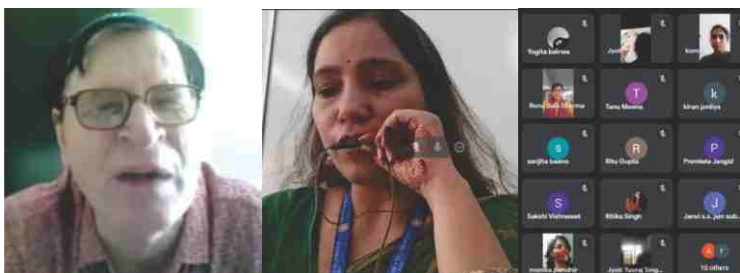


**Proceedings released**



**Student Orientation Program**

On 4<sup>th</sup> October, 2021, “Student Orientation Program” was organised in order to create a friendly and interactive environment for the newcomers.



**International Conference**

From 22<sup>nd</sup> to 23<sup>rd</sup> October, 2021, a two day International Conference on “Role of Commerce and Management in Achieving Sustainable Goals” was organised. The conference brought 16 subject experts together from Australia, Singapore, Canada, who shared their experiences and views. These experts were from various National and International universities and Corporate houses. The conference was attended by approximately 300 participants and 50 research papers were presented.

On 13<sup>th</sup> November, 2021, “Bloomies Spark- 2021”, an event for the budding managers of BBA was organised, which aimed to bring young and keen minds together in order to generate a sense of professionalism among students.



**Marico Centre for Women Empowerment**

On 16<sup>th</sup> November, 2021, in order to make a difference in the graduating women's life and to empower them with employability skills pertaining to the IT and BFSI sector, Marico Centre for Women Empowerment was inaugurated at the College in collaboration with ICT Academy. It trained 80 students for 75 hours on employability skills, provided certification and facilitated placements for certified students.

On the same day, The Centre for Women Empowerment was inaugurated by the Chief guest, Mr. B. Raghava Srinivasan, Head – Corporate & Government Initiatives, Ms. Veena Jamad, Convenor of the College, Guest Speaker, Mr. Dheeraj Verma, Police Inspector, working as law instructor at Rajasthan Police Academy Jaipur.

On 27<sup>th</sup> November, 2021, The Health and Nutrition club of the college organised an informative and awareness session, on the topic “Adolescence and Nutrition for Beauty and Health” which was addressed by Dr. Richa Chaturvedi, Assistant Professor & Head, Department of Home Science, Kanoria PG Mahila Mahavidyalaya, Secretary, Indian Dietetic Association, Rajasthan.



**Red Ribbon Club**

## Awards & Achievements

1. **Dr. Susan Sam**, HOD, Home Science, received **"The Best Academician of the Year Award"** at the Global Excellence Award-2021 organized by Bestow Edutrex International on July 31, 2021 for the contribution in the Development of Innovative systems for achieving excellence in a super specialised educational field.
2. **Dr. Neelima Gokhroo**, HOD, B.B.A. was awarded the **"Global Eminence Award-2021"** by the Awards and Recognition Committee (ARC), July 31, 2021, for her extraordinary contribution in Development of an innovative system for achieving excellence in education.
3. **Dr. Neelima Gokhroo** HOD, B.B.A. was awarded the **"National Award for Educational Excellence-2021"** on the occasion of 'Teacher's Day' (5<sup>th</sup> Sept.) by GRF- International Awards and Honors, 2021.
4. **Dr. Poonam Panghal**, Lecturer, Department of Home Science, was awarded the **"International Teaching Excellence Award"** on the occasion of 'The Teacher's Day' (5<sup>th</sup> Sept.) by I2OR, 2021.
5. **Dr. Shakuntala Mahawar**, HOD, Drawing & Painting, was awarded with **"Akhil Bhartiya Kalidas Awards- 2021"** by Kalidas Academy, Ujjain, Madhya Pradesh. She is the first woman in Rajasthan who was honoured with this Prestigious award for her extraordinary and remarkable contribution in art and culture.
6. **Dr. Shakuntala Mahawar**, HOD, Drawing & Painting, was awarded the **"Golden Brush Award"**, Creative Hearts, an all-India online art competition in 2021.
7. **Dr. Shakuntala Mahawar**, HOD, Drawing & Painting, secured the Second Position in **"Category Indian Classical In The Monsoon-2021"** held by Romantika art Decoded.
8. **Dr. Shakuntala Mahawar**, HOD, Drawing & Painting was invited as a Camp Artist **"ANUGOONJ-11 International Art & Cultural Show-2021"** from 27<sup>th</sup> to 31<sup>st</sup> Dec., 2021, organised by Kalakriti Foundations.
9. **डॉ. शकुन्तला महावर**, को कलावृत्त एवं राजस्थान ललित कला अकादमी के सौजन्य से आयोजित राष्ट्रीय समसमय के लघु-चरित्र- कार्यशाला (2 नव. से 11 नव.) में पेंटिंग **"वर्चुअलवार्तालाप" 2022** के कलेंडर के लिए चयन किया गया।

On 1<sup>st</sup> December, 2021, on the occasion of "World AIDS Day" a Poster and Slogan writing competition and a guest lecture was organized by "RED RIBBON CLUB" to generate awareness on "AIDS & its Prevention". The speakers of the session were Dr. Rinku Verma, Member of Rajasthan AIDS Control Society, Medical Officer, Shanthi Sansthan and Dr. Ratna Verma, Assistant Professor, IIHMR.

On 6<sup>th</sup> December, 2021, the IQAC Cell organised a "Career Guidance and Counselling" session for the aspiring young girls, planning to study abroad with Meridian Overseas Education. Mr. Amar Bahada, Director, Meridian Overseas Education Consultant, focused on various aspects pertaining to education abroad, global issues and education system in countries such as US, UK, Australia and Italy and shared how they can simultaneously pursue education/employment while studying in foreign universities.



### NSS

From 8<sup>th</sup> December to 14<sup>th</sup> December, 2021, a seven days camp was organised by the NSS units, with the objective of spreading awareness among youth and teaching them the basic techniques of hygiene, health, fitness and yoga. Various productive lectures and activities were conducted during these 7 days which covered Women Empowerment, Human Rights, Women Safety and Self-Defence.

On 12<sup>th</sup> December, 2021 a workshop on Batik and Tie and Dye was organised by the Department of Drawing and Painting. Ms. Chandni Gupta from Pidilite Company trained the girls to tie different types of threads on fabric and the skills to color them.



### Vaccination Camp

On 13<sup>th</sup> and 14<sup>th</sup> December, 2021, the IQAC and the NSS unit organised a Two Day Free Vaccination Camp for the students, staff and for the common people with the assistance of Primary Health Center, Sanganer, Jaipur. 527 people were vaccinated during the camp and it was a great success.

On 15<sup>th</sup> December, 2021, Skill Development Cell was inaugurated to work for hands-on practical training on various topics and to make the girls technically skilled and engage themselves in the local and international marketplace. The cell was inaugurated by Mrs Neha Gupta, Director, Manglam Builders, Alka Agarwal, President, FORTI Women Wing and the Principal of the College, Dr. Rita Jain.

A two week Beauty and Make up Course in collaboration with Federation of Rajasthan Trade and Industry's Women Wing, started off on the same day. The cell began its activity with 60 enthusiastic girls who were selected by lottery system out of 200 girls. This course helped the students to learn various aspects of makeup and



## Awards and Achievements of Students

1. **Poonam**, M.Sc Final year, Botany, secured Gold medal from University of Rajasthan for scoring highest marks.
2. **Vaishali Singh**, Neelu Sharma, M.A. Final year, History and Vishakha Alwani, BBA Part I, attained second position in the quiz competition held at Jawahar Kala Kendra.
4. **Vidhi Jain**, BBA Part III, grabbed the second position in PPT presentation organized by S.S. Jain Subodh Autonomous College, Rambagh, Jaipur.
5. **Harshita Vajpayee**, B.Sc Part III was awarded 'The Youth Encouragement Award'.
6. **Nehal Rochwani**, BBA Part II, attained second position in Business Case Study Contest held at IILMAcademy of Higher Learning.
7. **Payal Saini**, B.Sc Part II, Maths, got third position in 'Best out of waste', competition organized by Rajasthan Rajya Bharti Scout Guide, Jaipur.
8. **Isha Bisht**, B. Com Part I, stood third in e- Prastuti PPT competition held at S. S. Jain Subodh PG Mahila Mahavidyalaya, Rambagh, Jaipur.
9. **Anjali Dhanotiya** and **Kiran Meena**, B.Sc Part III, Maths, stood first in the 'Model Making' competition held at S.S Jain Subodh College of Global Excellence, Sitapura, Jaipur .
10. **Somya Maheshwari**, BBA Part I, secured second position in 'Essay' competition, organized by S.S Jain Subodh P.G. Mahila Mahavidyalaya, Rambagh.
11. **Monika Choudhary** and **Kritika Sharma**, B.Sc Part II, Biology, secured third position in “Best out of waste competition” held at Poddar International College.
12. **Sneha Gokharu**, BBA Part I, secured third position in the quiz competition held at Poddar International College, Jaipur.
13. **Payal Choudhary**, BBA Part III, secured first position in the “Debate” competition held at S.S. Jain Subodh College of Global Excellence, Sitapura, Jaipur.
14. **Hemlata Kumari**, Ms. Garima, Ms. Lalita Meena, M.A (Final), Geography secured first position “Rangoli” competition held at Khandelwal Vaish Girls Institute of Technology.



Poonam, M.Sc-Botany

they got to explore hair styling, skin care, how to cover up skin blemishes and saree draping etc.



### Skill Development Cell-Beauty and Make up Course

On 17<sup>th</sup> December, 2021, Techatithyam was celebrated by the Department of BCA. Various events like the robotic walk, singing and dancing were organised and prizes were given to the winners.

On 22<sup>nd</sup> December, 2021, “Mathematics Day” was celebrated by the Department of Maths, where students organised various activities related to mathematics.

On 23<sup>rd</sup> December, 2021, an extremely vibrant Youth Week “Rejoice 2021” was organised. The students participated in various competitions like pot painting, face painting, fireless cooking, quiz, nukkad natak, singing, fashion show and dancing. The judges of the competitions were Dr. Shalini Kapoor, Ms. Vasu Dutta, Dr. Harpreet Kaur and Ms. Sonu Gaur .



### Freshers Day- Agaz

On 24<sup>th</sup> December, 2021, “Freshers Day- Agaz 2021” was organised for the newcomers. Alka Agarwal, President, FORTI Women Wing and Mrs. Anupama Goyal were the judges of the ceremony. Title of Ms Freshers was given to the winners.

Christmas was celebrated on the same day with great joy and happiness as Santa distributed candies and cake to the students and staff members.



### Campus Recruitment Drive

On 30<sup>th</sup> December, 2021 in order to provide opportunities to its rising graduates in banks and companies, a Campus Recruitment Drive was conducted in cooperation with AU Finance. 90 students participated in the campus interview drive, 20 students qualified for the same and letters were handed over to them.

### Sports Awards

**Harshita Chouhan**- Bronze medal in the 10<sup>th</sup> IMAS National Karate Championship.

**Harshita Chouhan** - Gold Medal in Rajasthan State Karate Championship.



**Pinky Gurjar** - Gold Medal in Judo Inter College Tournament.

**Manisha Meena**- Fourth position in Archery Inter College Tournament at National Level.

**Roohi Rankawat, Rishita Jain, BBA Part-II, Avni Garg, BBA -II, Ankita Verma, B.Sc-II, Khushi Ucheniya, B.Sc-II, Deepa Kumari, B.Sc-II, Poonam Kanwar, Sunita Choudhary, B.SC-II** secured first position in Dodgeball tournament held at Taxilla College, Jaipur .

### Paper Publication

**Dr. Susan Sam**, HOD, Home Science, published a research paper on “Awareness and Consumption of Small Millets” in The Pharma Innovation Journal. 2021; 10(7S): 34-37. 10, Special Issue 7 (2021).

**Dr. Susan Sam**, HOD, Home Science, published a research paper on “Impact of Training Programme on Value Addition of Small Millets for Livelihood Enterprise in Eastern Ghats” in The Pharma Innovation Journal 2021; SP-10(6): 578-580

**Ms. Renu Patria**, Lecturer, Department of Computer Science, published a research paper on “Decision Support System: A Best Way For Making Decisions In E-Business” in International Research Journal of Commerce, Arts and Science, UGC approved journal, ISSN-2319-9202. Volume-10, Issue-12, October-2021. ID-44854.

**Ruchi Jain**, HOD, Department of Mathematics, published a research paper on “Mathematical Study of MHD Casson Fluid Flow through Porous Media along with Soret and Dufour Effects Over a Stretching Surface”. Science & Technology Asia, 26 (4), 60–73. December, 2021.

**Ms. Namrata Jadaun**, HOD, Botany, published a research paper on “A Review on the Responses of Ornamental Plants in The Phytoremediation of Disturbed Sites” web of science indexed journal-International Journal of Botany Studies, ISSN- 2455-541X Volume- 6, Issue-6, 1312-1318.

### Paper Presentation

**Dr. Archana Sharma**, HOD, Business Administration, presented a research paper on “Stress Management in COVID-19 Era” at MohanLal Sukhadia University, Udaipur in an International Conference on Contemporary Issues in Business Management and Economy, organised on 16<sup>th</sup> July, 2021.

**Dr. Neelima Gokhroo**, HOD, BBA, presented a research paper on “Mythological Lessons about Environmental Conservation and Their Relevance in Modern Society and Corporate Houses” in a two days International Conference on Role of Commerce and Management in achieving Sustainability Goals, organised at S. S. Jain Subodh Girls PG College, Sanganeer from 22<sup>nd</sup> -23<sup>rd</sup> October, 2021.

**Dr. Richa Pareek**, HOD, Physics, presented a research paper on “Metal Insulator Transition in Al doped ZnO Thin Films” in an International Conference on Interdisciplinary Approaches in Science, Engineering, and Humanities (ICIASEH-2021), SIRTR, Bhopal, from 29<sup>th</sup> -30<sup>th</sup> July, 2021.

**Ms. Shivangi Tamboli**, Lecturer, Department of Botany and EVS, presented a research paper on "Sustainable Development and Green Economy: Present and Future Scenario of India", at Subodh Girls P.G. College Sanganeer, Jaipur at an International Conference, organised from 22<sup>th</sup> -23<sup>rd</sup> October, 2021.

**Ms. Shivangi Tamboli**, Lecturer, Department of Botany and EVS, presented a research paper on, “Effect of Different Concentration of Potassium Nitrate in Irrigated Water on Raphanus sativus L.” at Vivekananda Global University, Jaipur in at a National Conference, organised from 25<sup>th</sup> -26<sup>th</sup> November, 2021.

**Dr. Samiya Khan**, Lecturer, Department of Zoology, presented a Poster entitled “COVID-19 and Fertility in The WebRepro-1 Reproductive Science & Fertility Virtual Summit”, held from 26<sup>th</sup> -27<sup>th</sup> July, 2021.

### Creative Corner

**NAMASTHEY- SAVES YOUR LIFE;  
SHAKE HAND- SHAKES YOUR LIFE.**

We have come up from a very difficult time as the covid 19 outbreak affected every human being physically, mentally and financially. Every country suffered with continuous lockdown and the production companies were not being able to cope up with the international market and resulted in poor market. It



was during this time that INDIA created a “wall of unity” and also came out with the slogan of “Atma Nirbhar Bharat” which described the power of India and spread its glory all around the world. Therefore we can say that Covid 19 is not a drawback, it's an opportunity for every individual who is willing to learn. On 12<sup>th</sup> May, 2020 our respected Prime Minister, Mr. Narendra Modi mentioned “vocal for local” and tried to bring out the local talents of Indians and flourish the Indian market. During the lockdown period, India never stopped working and proved its capabilities to the world.

With our head held high in pride, let us sing aloud that - India is our mother, we will adopt swadeshi and make India self sufficient”- Atma Nirbhar Bharat

**Isha Bisht  
B. Com . Part II**



**Dr. Samiya Khan**, Lecturer, Department of Zoology, published a research paper on “Anxiety, Stress, Behavioral and Psychological Effects During Quarantine Period: A Review”. SSR Institute of International Journal of Life Sciences, August, 2021, Issue-65, Volume-7, 17-24.

**Dr. Samiya Khan**, Lecturer, Department of Zoology, published a research paper on, “Treatment of Covid-19 Effects on Reproductive Health and Fertility with Traditional Medicinal Plants”. SSR Institute of International Journal of Life Sciences October, 2021, Issue 65, Volume 7, 112-121.

**Dr. Samiya Khan**, Lecturer, Department of Zoology, published a research paper on, “Present Status of Covid-19 Pandemic Concerning Teaching and Learning Fluctuations in Education System: Research Note”. SSR Institute of International Journal of Life Sciences., October, 2021, Issue 65, Volume 7, 91-94.

**Dr. Samiya Khan**, Lecturer, Department of Zoology, published a research paper on, “Traditional Indian Plants – Role in Pandemics COVID-19”. Spinco Biotech Cutting Edge Journal, August 2021, Issue 4, Volume 11.

**Dr Gargi Parashar**, HOD, Geography, published a paper on “Plants Found in The Thar desert of Rajasthan and Their Importance” in 'Remarking An Analyzation', volume-6, issue- 9, Dec 2021, ISSN No E: 2455-0817.

### Book Chapter Authored

**Dr. Rita Jain**, Principal, S.S. Jain School Girls P.G. College, Sanganer, Jaipur, the Editor-in Chief of the Book-Proceedings of the International Conference on “New Normal in India: Development and Dimension in Information Technology, Management, Commerce, Science and Social Science”. Shivam Book House (P) Ltd., Edition : 2021, ISBN : 978-93-84524-57-9.

**Dr. Susan Sam**, Dr. Anita Sharma, Dr. Poonam Panghal, Dr. Vandana Sharma, Ms. Shivangi Tamboli, editors of the Book-Proceedings of the International Conference on, “New Normal in India: Development and Dimension in Information Technology, Management, Commerce, Science and Social Science”. Shivam Book House (P) Ltd., Edition: 2021, ISBN : 978-93-84524-57-9.

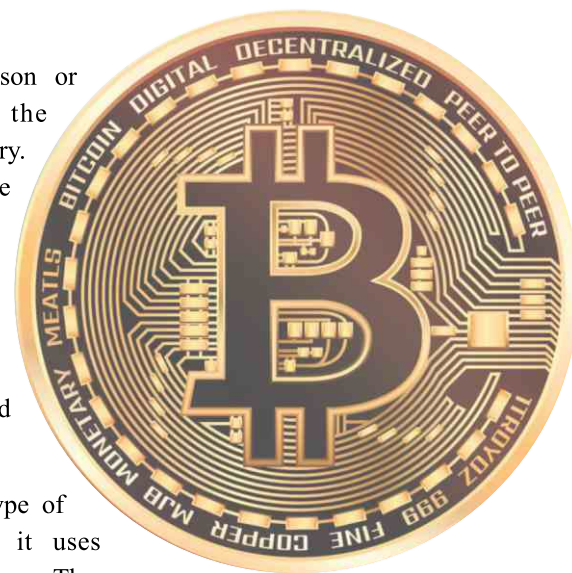
**Dr. Poonam Panghal**, Lecturer, Department of Home Science published a chapter on “The Role of Nutrition Challenges in Mental Health : COVID-19” in conference Proceedings New Normal in India: Development and Dimension in Information Technology, management, Commerce, science and social science. Edition: 2021, ISBN : 978-93-84524-57-9

### Bitcoin (Cryptocurrency)

Bitcoin is a decentralized digital currency created in January 2009. It follows the ideas set out in a white paper by the mysterious and pseudonymous Satoshi Nakamoto.

The identity of the person or persons who created the technology is still a mystery. Bitcoin offers the promise of lower transaction fees than traditional online payment mechanisms do, and unlike government-issued currencies, it is operated by a decentralized authority.

Bitcoin is known as a type of cryptocurrency because it uses cryptography to keep it secure. There are no physical bitcoins, only balances kept on a public ledger that everyone has transparent access to (although each record is encrypted). All Bitcoin transactions are verified by a massive amount of computing power via a process known as “mining”. Bitcoin is not issued or backed by any banks or governments, nor is an individual bitcoin valuable as a commodity. Despite it not being legal tender in most parts of the world, Bitcoin is very popular and has triggered the launch of hundreds of other cryptocurrencies, collectively referred to as altcoins. Bitcoin is commonly abbreviated as BTC when traded.



**Vinita Saini**  
M.Sc (Botany), Final Year

### Revolution in India

The second wave of covid-19 has brought with it many difficulties and problems, including job and employment.

During this period many people lost their employment due to covid crisis. This was a crucial time for our nation. After this pandemic, India had a need for a skill revolution and re-skill requirement in every field of employment.

Re-skilling means searching for new options and developing new skills in job opportunities. In India traditional jobs and vocations have been wiped out on a large scale. India which is dominated by a young population needs a skill revolution.

Indian cultures have many opportunities and potentialities for human development and growth for the future requirements.

Skill development and re-skilling in employment provide new opportunities and job creation to every field. Thus, India became the “Skill Guru of the World.” Keeping this in mind the Indian government launched the Skill India campaign, which aims to develop skills in 400 million workers by 2022. This is the fourth industrial revolution in Global industrial sustainability.

**Dr. Archana Sharma**  
HOD, Business Administration

**Dr. Mahima Sharma**, Lecturer, Department of Zoology, published a book chapter on “Avian Fauna Biodiversity” in Jhalawar, Rajasthan, India. Biodiversity and its Conservation (2021). ISBN: 978-93-90778-29-4 (15-61).

**Dr. Mahima Sharma**, Lecturer, Department of Zoology, published a book chapter on “Diversity, Habitat and Richness of Butterfly Species Inhabitants of Jhalawar, Rajasthan” in Biodiversity and its Conservation (2021). ISBN: 978-93-90778-29-4 (87-120).

**Dr. Mahima Sharma**, Lecturer, Department of Zoology, published a book chapter on “Photochemical Efficacy of Anticovid Agents: A Review. Contribution of Physical, Chemical and Biological Sciences in the Current Pandami (prevention and control)”. 2021. ISBN: 978-93-91257-88-0. (60-67).

**Dr. Mahima Sharma**, Lecturer, Department of Zoology, published a book chapter on “Wuhan virus and disinfectants: An overview. Contribution of Physical, Chemical and Biological Sciences in the Current Pandemic (prevention and control) 2021”. ISBN: 978-93-91257-88-0. (151-163).

**Ms. Namrata Jadaun**, HOD, Department of Botany, published a book chapter on “The loss of Biodiversity and It's Consequences for Humans” in 'Biodiversity and It's Conservation 2021', Sunrise Publisher, Jaipur. ISBN no. 978-93-90778-29-4.

**Ms. Shivangi Tamboli**, Lecturer, Department of Botany and EVS published a Chapter in Peer-Reviewed Book on “Wildlife Trafficking, Poaching & Lockdown in Indian Concern”. Biodiversity and Conservation (2021). ISBN-978-93-90778-29-4

**Ms. Shivangi Tamboli**, Lecturer, Department of Botany and EVS published a book chapter on “Role of Development Administration in New Normal India” in conference proceedings. New Normal in India: Development & Dimension (2021). ISBN-978-93-84524-57-9

**Dr. Bhawna Vashisth**, Lecturer, Department of Zoology, published a book chapter on “Reproductive Toxicity of Herbicides”, in “Biological Sciences: A Kaleidoscopic View of New Trends”, Scientific Publishers, ISBN: 978-93-92590-69-6 (HB) ISBN: 978-93-92590-75-7 (E-Book).

## Essence of Bhagavad Gita

Bhagavad Gita, the age-old epic poem of Indian history as well as religion, has been acknowledged around the globe for its philosophical dealings with life and its pertinence in solving the sundry questions of life.

The ancient Indian philosophy holds great honour to have been contributed with different schools of thought such as Nyaya-Vaisheshika, Sankhya, Yoga, Mimamsa, Jainism, Buddhism, Vedas, Upanishads. Later modern thinkers included Swami Vivekananda, Rabindranath Tagore, Mahatma Gandhi, Sri Aurobindo, to name a few.

Beyond doubt, all these schools have left indelible imprints on the people of different space and time but, Bhagavad Gita, the dialogue between Bhagwan Sri Krishna and his disciple Arjuna is incomparable and has a special place in Indian philosophy. It has elevated the stature of Indians to have such subtle, pure and higher virtues of life.

Bhagwan Shri Krishna encourages Arjuna to face the war and to serve his duty as a warrior. Arjuna who upon witnessing his kith and kins on the other side of the battlefield wanted to give up and renounce the world, was demystified by Bhagwan Sri Krishna of all his doubts and fears. All his teachings have been given an embodiment in the form of the Bhagavad Gita.

It focuses on Karma-Yoga which can have different implications for different people, but what it underlines is to perform one's own duty that has been assigned to us in the society but this Karma-Yoga has to be done with full devotion without any preconceived idea of 'Phala' or result. It underscores that our action should be an end in itself. The reason attributed to it is that it leads to full devotion and concentration with balance of mind. Arjuna visualizes the end of war which dissuaded him from taking up his duty. So Gita, focuses on performing our duties diligently.

This golden thought of Bhagavad Gita is of paramount significance in today's world where everyone has become assertive and more cautious of one's own rights than duties.

So, it is imperative to imbibe the teachings of a remarkable asset of Indian philosophy in the form of Bhagavad Gita, to execute Nishkam- Karma and to discharge our duties as well as social responsibilities by balancing them with the rights enshrined for us.

**Dr Gargi Parashar**  
HOD, Geography

## गीता द्वारा आदर्श व्यक्तित्व निर्माण

गीता एक ऐसी ज्ञान गंगा है, जिसकी विचारधारा में समस्त आध्यात्मिक सत्य और उसकी सहज अनुभूतियों की लहरें स्पष्टतः हमें परिलक्षित होती हैं। गीता में दिव्य कर्म, दिव्य ज्ञान, दिव्य भक्ति की त्रिवेणी एक साथ लहराती है। गीता व्यक्ति को परहित ब्रती बनाती है। इसका परहित ब्रत किसी सीमा से आबद्ध नहीं है।

यहां जाति, धर्म, वर्ण, विशेष से परे प्राणि मात्र तक पहुंचाता है। आसक्ति, वासना के साधारण दोषों से प्रारंभ कर गीता यह बतलाने का प्रयास करती है कि मैं नित्य नैमित्तिक कर्तव्यों का पालन करता हुआ शांत, तुष्ट, स्थित प्रज्ञ एवं योगस्थ रह कर अपने व्यक्तित्व को उन्नत बना सकता हूं। इसकी भाषा जितनी सरल है भाव उतने गम्भीर है। गीता के सन्दर्भ में एक प्रचलित गाथा के अनुसार व्यास जी ने अठारह पुराण, नौ व्याकरण और चारों वेदों का मंथन कर महाभारत की रचना की। उस महाभारत रुपी सागर का मंथन करने से गीता प्रकट हुई।

अष्टादश पुराणानि नवव्याकरणानि च। निर्मथ्य चतुरो वेदान् मुनिना भारते कृतम्।  
भारतोदधि निर्मथ्य गीता निर्मथिमस्य। सारमुद्धृत्य कृष्णेन अर्जुनस्य मुखे धृतम्॥

डॉ. ज्योति जोशी  
विभागाध्यक्ष, संस्कृत विभाग