

National Conference on “Emerging Trends in Innovative and sustainable Business Practices”



A National Conference on “Emerging Trends in Innovative and sustainable Business Practices” was organized by the Faculty of Commerce & Management, Sarala Birla University on **13 th - 14 th October, 2022**. It was organized under the patronship of Prof. Gopal Pathak, Hon’ble VC, SBU as the Chief Patron, Dr. Pradip Varma, Hon’ble CEO, SBU as the patron and Prof. Vijay Kumar Singh, Registrar, SBU as the Co – Patron. Dr. Sandeep Kumar, Dean, Faculty of Commerce & Management was the

convener and Dr. Puja Mishra, HOD, Faculty of Commerce & Management; Dr. Ashok Kumar Asthana, DSW were the co conveners of the conference. The conference was organized keeping in view to brings intellectuals around the states of India to discuss about the recent most trends in creating and implementing sustainable business practices. The conference had participants included intellectuals from industries, academics, research scholars and students.

Two Day National Conference

Faculty of Humanities & Linguistics, Sarala Birla University, Ranchi had organized a two day National Conference in collaboration with Bhartiya Bhasha Samitee, Ministry of Education, Government of India at B K Birla Auditorium on 2nd & 3rd March 2023 on the topic Translation in Indian Languages and Indian Language System. The Chief Guest, Swami Bhawaveshanand, Secretary, Ramakrishna Mission Ashram, Ranchi, inaugurated the two day Seminar with alighting the lamp of knowledge. The Chief Guest, Swami Bhawaveshanand, the Guest of Honour, Vice Chancellor, Prof Gopal Pathak, Registrar Prof V K Singh, Sarala Birla University and other distinguished dignitaries were welcomed by Dr Neelima Pathak, Dean, Faculty of Humanities & Linguistics. While speaking on the eve, the Chief Guest highlighted the importance of Indian Languages and the Cultural Heritage of our language system. Further, he said that the renaissance of



Indian Languages could only be possible through Indian Education System. He also stressed over the need and importance of preserving the Cultural Heritage of Indian Legacy. We should come out from the grove of a myth that Sanskrit is not a language for the mass, whereas Sanskrit is the most scientific and primitive language of the world. Dr Ashok Priydarshi and other eminent speaker unanimously stressed over the importance of this language and its usage. Dr Panda, Vice Chancellor, Kolhan University, Chaibasa said that America is one of the foremost country to realize the relevance of Sanskrit and NASA is applying sincere efforts making this language computer friendly and further it says that Sanskrit is the most scientific language suited to computer. Dr Dhananjay Vasudev, HoD, Department of Sanskrit, Shyama Prasad Mukherjee University, Ranchi, Dr Shailash Mishra, Binoba Vhave University, Hazaribagh, Dr Sachin Kathaley, Head, Sanskrit Bharti also expressed their views and highlighted the relevance and implementation of Sanskrit Language in our curriculum. In the Technical Sessions, a large number of Research Scholars presented their papers focusing the need of revival of this language. At the end of the session, Dr R M Jha extended vote of thanks.

EDITORIAL

Dr. Ria Mukherjee
Asst. Prof.

The Second issue of SBU Newsletter is again on publication schedule. Therefore, on behalf of the Editorial Board we are glad to welcome you to the new second issue of the Newsletter. This issue involves members from academia and industry in a number of different areas. Among others, the core activities and competences of SBU includes information about national webinars, publications, networking to foster research, education and distinguished lectureship programs and student episodes. SBU in its continuing mission to advance and to seek out for new activities as well as to improve its services, mainly rely on its capability to disseminate information among its members. Therefore, this issue fosters international and national MOUs with reputed organisations. The vision of the Newsletter is to be a continuous and valued resource for both students and staff, therefore, it will be available on the SBU website.

The Editorial Board is thankful to the management, all the faculty members/ staff and students for their collective contribution in this volume.

Editorial Board

Dr. Ria Mukherjee

Dr. R. M. Jha

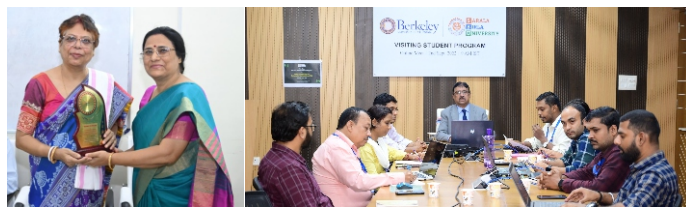
Prof. Rahul Vats

Prof. Kavita Kumari

Pulse@SBU

National Conference

A National Conference on "Life Style Disorders : Solution with Yoga and Alternative Therapies" was organized by the Faculty of Yoga & Naturopathy, Sarala Birla University on **12 th - 13 th April, 2023**. 28 papers were presented in the technical session from the different organization of India. Swami Antaranand ji Assistant Secretary Ramkrishna Ashram was the Chief guest. Prof. Tulu Sarkar, Ex Director, School of Yoga, Ranchi University was the Keynote speaker. Mr. Sumit Dubey, Buddhijeevi Prakoshtha BJP and Priyadarshi Amar Founder of Sumit Dubey Fitness was invited as the Guest of Honour.



Five-Day Faculty Development Program

A Five - Day Faculty Development Program was organized by the Department of Civil and Environmental Engineering and Department of Mechanical Engineering, SBU, Ranchi from 26th to 30th September, 2022. This FDP was attended by a total of 55 Participants from various parts of India. This FDP had a total of 11 keynote lectures of which 2 speakers were from International Institutes of Repute like Princeton University, USA and Mississippi Watershed Management Organization, Minnesota, USA; 6 speakers were from IITs, NITs and other Universities of repute; One keynote lecture by Prof. Gopal Pathak, Hon'ble Vice-Chancellor, SBU, Ranchi and 2 more lectures were delivered by Internal Faculty members.

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- ## 5. Alumni Talk

SBU Celebrated its 5th Foundation Day



Sarala Birla University celebrated its 5th Foundation Day on 23rd September, 2022 at B.K. Birla Auditorium. The Guest of Honour of the event was Prof. Kamini Kumar, Honourable Pro Vice-Chancellor, Ranchi University.

Prof. Kamini Kumar gave her heartfelt congratulations to the entire family of SBU on the occasion of 5th foundation day. She said that it is the teacher who builds the students and raises them to the highest level of knowledge in dealing with all the adversities. Only ideal teachers are those who provide value-based education to the students with the latest technology. She expressed her views on the plan to build a competent citizen for a knowledge-based nation according to the national education policy presenting Honourable Vice Chancellor, Prof. Gopal Pathak also addressed the august gathering, he mentioned that the role of the teachers is very important in building the good character of future generations. He stressed on honesty, integrity and commitment towards our goals and objectives in life.

One-Day Workshop on Virtual Labs with collaboration with IIT Delhi.



Department of Electrical and Electronics Engineering organised a One-Day Workshop on Virtual Labs with collaboration with IIT Delhi. Speaker of the event was Mr. Prateek Sharma, Sr. Field Engineer / Mentor of Virtual Labs, IIT DELHI Objective of the Workshop was

- To provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.

- To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation the workshop was attended by all the faculty members, staff and students of Engineering and Applied Science.

YATRA: Yoga Ancient Trends & Recent Advancement

A webinar series was YATRA organised by Dept. of Yoga & Naturopathy ie. Yoga Ancient Trends & Recent Advancement on 12th May to 11th June 2022. Guest were Dr. Ghanshyam Thakur, Assistant Professor, HNB Garhwal, Shri Subodh Tiwari, Associate Professor, Kaivalyadham, Dr. Ananda Balyogi, Director, Centre for Yoga Therapy Education & Research and Dr. Chinmay Pandya, Pro Vice-Chancellor, Dev Sanskriti Vishwavidyalaya, Haridwar.

Vigilance Awareness Programme



On 3rd November, 2022, the Faculty of Commerce and Business Management of the Sarala Birla University, in association with Central Coalfields Limited, organized a Vigilance Awareness program in the Nursing Building of the University campus. The event marked its beginning sharply at 9 am with events like a Rangoli competition, debate, elocution and a painting competition. The students participated in these events in huge numbers with a lot of zeal and enthusiasm. The next set of events were then shifted to the B.K. Birla auditorium at around 12 pm.

Two-Day Survey Camp for the B. Tech. and Diploma students



Department of Civil and Environmental Engineering organized a Two-Day in-house Survey Camp on 19th to 20th Jan.23. To train the students in planning and executing survey works on a larger scale. This training was focussed to train students with regard to placement activities and to effectively execute survey works that are industry relevant.

Inaugural of Campus to Corporate Guidance Cell

On 25th January, 2023, The Faculty of Commerce & Management launched its Campus to Corporate Cell to help the students be industry ready.



3rd District Level Yogasana Sport Championship 2022-23

Students participated in 3rd District Level Yogasana & Sport Championship 2022-23 organized by Yogasana Sport Association of Jharkhand on 11th Sep., 2022 at DAV Nandraj Bariatu was awarded with 10 medals in different events 6 Gold medal, 2 silver & 2 bronze medal.



3rd State Level Yogasana Sport Championship 2022-23



3rd State Level Yogasana & Sport Championship 2022-23 organized by Yogasana Sport Association of Jharkhand on 15th to 17th Sep. 2022 at B. K. Birla Auditorium, Sarala Birla University. Got 2 Gold, 2 Silver medals and 2 student got 4th & 5th rank in different event.

Launch of Departmental Magazine Breeze & 3rd Edition of SBU Journal Manthan



On 11th November, 2022. The Faculty of Commerce & Management launched its first issue of the departmental magazine 'Breeze' and 3rd issue of SBU Journal Manthan. Prof Gopal Pathak, VC, SBU was the chief guest. Dr Pradip Varma was the guest of honour and Prof Vijay Kumar Singh was the Distinguished Guest of the event.

Expert Talk on "Aadhyatmik Jeevan Shaili Covid-19 ke Paripreksha me"

An Expert talk was organised by Dept. of Yoga & Naturopathy on "Aadhyatmik Jeevan Shaili Covid-19 ke Paripreksha me" on 3.1.23 at seminar hall, nursing block. Guest of the event was Acharya Mithileshnandini Sharan, Mahant, Sri Siddhapeeth, Hanuannivas, Tulsi Nagar, Shri Ayodhya jee.



Launch of Annual Report of Commerce & Management



On 14th January 2023, The Annual Report Booklet 2022-2023 of Faculty of Commerce & Business Management was released by Honorable Vice Chancellor Prof. Gopal Pathak, Registrar, Prof. Vijay Kumar Singh, Mr Ajay Kumar, Manager P&A and Dr. Sandeep Kumar, Dean C&M.

HR Exophoria

On 31st January, 2023. An exhibition of student's work on the topics related to their subject Human Resource management was organised by Faculty of Commerce & Business Management.

Poster Competition

On 20th June 2023. Organized the internal level of poster competition programme on the occasion of 9th International Yoga Day.

International Day of Yoga

On 21st June 2023. Celebrated the International Day of Yoga and delivered the lecture by Yogda Satsang.

8th International Yoga Day 2022

On 21st June 2022, International Yoga Day 2022, Guest of Honor, Dr. Pradip Varma, CEO, SBU.



Yoga Competition

On 17th June 2023. Organized the yoga competition programme on the occasion of 9th International Yoga Day.

Departmental Symposium on GST



On 7th February, 2023. Faculty of Commerce & Business Management organized Departmental Symposium on GST. The eminent speaker was CMA Sandeep Kumar, GST Expert and the founder of International Navodaya Chamber of Commerce, New Delhi

Journal, Conference and Book Chapter Publications

Faculty of Engineering and Computer Science**Computer Science Engineering**

1. Ghosh Swagata, Paul P, Sharma and Neeraj Kumar (2023). **"Application of Machine Learning in land use land covers in Ranchi district in Jharkhand State of India"**. International Journal of Mathematical Statistician and Engineering Application, (Scopus) [ISSN: 2094-0343 2326 9865], Vol.72, Issue 1. pp: 1849-1856.
2. Das, S. K., Dey, N., Crespo, R. G., & Herrera-Viedma, E. (2023). **"A non-linear multi-objective technique for hybrid peer-to-peer communication"**. Information Sciences, [ISSN: 0020-0255] Vol: 629, Issue C, pp: 413-439. (SCI & SCOPUS, Impact Factor =8.33)
3. Sanyal Kaustav & Paul Partha (2022). **"SKIP-GRAM Vectorisation of the Semantic rules of PANINI for Artificial Neural Network for Sanskrit Grammar."** Semi-Conductor Optoelectronics (Scopus) [ISSN 1001-5868], vol.41, pp: 767-770.
4. Sanyal Kaustav & Paul Partha (2022). **"Construction of a Recurrent Neural Network from the Amar Kosha"**. International Journal of Mathematical Statistician and Engineering Application, (Scopus) [ISSN: 2094-0343 2326-9865], vol. 71, pp.8958-8963.

Conferences

1. Vishwakarma Anand Kumar, Paul Partha, Sinha Keshav, Manorama(2023), **"Modelling an Intrusion Detection System in Distributed Networks"**. International Conference proceedings Emerging Research Paradigm for Sustainable Development (ICERPSD-2023), Jarkhand Rai University, 27 May 2023.
2. Ghosh swagata, Paul P, Sharma Neeraj Kumar(2023) **"Comparative study of Unsupervised Classification in Land use Land Cover data"**. In Proceedings of Microelectronics, Computing & Communication Systems (MCCS 2023).
3. Vishwakarma Anand Kumar, Sinha K, Paul P (2022). **"Detail Analysis of Attacks and Methods of Intrusion Detection System"**, in Proceeding of 8th International Conference on Nano electronics, Computational Intelligence & Communication (NCCS2022).
4. Dipthi Kumari (2023) **"Integrating Block chain in Indian Land Recording and Land Registration System"** in International conference on Innovating Technologies & Intelligent Systems". (ICITIS-2023) Date: 24th and 25th Feb, 2023.

Department of Mechanical Engineering**Journals**

1. Deepanka Saikia, Prakash Kumar Nayak, Kesavan Radha Krishnan, Rajesh Kondareddy, Durga Venkata Naga Lakshmi, (2023) **"Experimental investigation of modified indirect**

solar dryer with integrated thermal storage material for drying of dhekia (*Diplazium esculentum*) fern", Environmental Science and Pollution Research,

[\[ISSN 1614-7499\] \(SCI and SCOPUS, IF 5.19\).](#)

2. Rajeev Ranjan, Sanjay Kumar Jha (2022) "**Low-frequency Vibration-assisted Welding: A Review of Recent Developments**". Journal of Experimental & Applied Mechanics [ISSN: 2321-516X], Volume 13, Issue 3.
3. Rajeev Ranjan, Sanjay Kumar Jha (2022) "**Effect of Vibration on the Weld Quality and Properties in Vibration Assisted Welding: A Review**". International Journal of Mechanical Handling and Automation, Volume 8, Issue 2.
4. P Muthukumar, **DVN Lakshmi**, Puja Koch, Mukesh Gupta, G Srinivasan, (2022). "**Effect of drying air temperature on the drying characteristics and quality aspects of black ginger**". Journal of Stored Products Research, [ISSN: 0022-474X], Volume 97, May 2022, 101966 (SCI and IF 2.83).
5. Deepanka Saikia, Prakash Kumar Nayak, K Radha Krishnan, Rajesh Kondareddy, DVN Lakshmi (2022) "**Development of indirect type solar dryer and experiments for estimation of drying parameters of dhekia (*Diplazium esculentum*).**" Materials Today Proceedings, [ISSN 2214-7853. Volume 56, Part 2, Pages 774-780 (Scopus).

Department of Electrical and Electronics Engineering

1. Anand Kumar, Chandan Kumar (2023). "**Load Adaptive PID-Aided Asymmetrical Voltage Cancellation Controller-Based Induction Heating System With Improved Power Factor**". ELECTRICA, [ISSN No 2619-9831] Vol 23, pp 385-396.

Department of Mathematics

1. Das P, Akhter A. and Singh M. K., (2022). "**Multispecies Solute Dispersion with variable Porosity in Semi-Infinite Saturated Porous Media**". Arabian Journal of Geosciences, (AJGS) [ISSN 1866-7511] 15(12), 1134 (2022).
2. Srivastava A. K., Bharty M., Mahato H. (2023). "**Onset of double diffusive Convection in rotating fluid layers with Maxwell-Cattaneo Law**". Brics Journal of Educational Research, 13(1), 1-9.

Faculty of Commerce and Management

Book Chapters

1. Geddam, S,M, Gowda, A,B & Bhandari, A (2023). "**Human Augmentation Through IoT Smart Wearable Devices: A Conceptual Framework and Future Research Directions**", Emerging Digitalization Trends in Business and Management- A Roadmap to Industry 5.0, Hard ISBN: 9781774917046. CRC Press, Taylor & Francis Group.

2. Kishlay Kumar, Dimpal Singhania, Karan Pratap Singh, Puja Mishra, and Keshav Sinha (2023) **“Navigating the Economic Challenges of the Russia-Ukraine Conflict on India”**, Handbook of Research on War Policies, Strategies, and Cyber Wars, pp 218-238.
3. Kishlay Kumar, Dimpal Singhania, Karan Pratap Singh, Puja Mishra, Praveen Chandra Jha (2023). **“A Young Consumer's Inclination of Mobile Wallets Gateway for Cashless Payment”** Handbook of Research on Technological Advances of Library and Information Science in Industry 5.0, pp 40-60.
4. Ashok Asthana, Swati Srivastava (2023). **“Online Teaching and Learning Amidst COVID-19”**, Measuring the Effectiveness of Organizational Development Strategies during Unprecedented Times, IGI publications, [ISBN13: 9781668483923].
5. Dimpal Singhania, Praveen Chandra Jha, Puja Mishra, and Karan Pratap Singh, (2023). **“Labour Welfare and Industrial Hygiene During COVID-19”**. Handbook of Research on Technological Advances of Library and Information Science in Industry 5.0, pp 249-269.

Journals

1. Arabinda Bhandari (2023) **“Demystifying design thinking: insights from a systematic literature review”** International Journal of Knowledge & Learning, [ISSN: 1741-100].
2. Mishra. P. (2023) **“Artificial Intelligence's (AI): Implications in Managing Financial Risks (FRM)”**, 'International Journal of Science Academic Research', [ISSN No. 2582-6425], 'Volume. 04, Issue 03, pp.5242-5246.
3. Singh, M. & Bhardwaj, Y.P. (2023). **“A study to identify the factors influencing learning orientation on service innovation framework of Delhi Metro Rail Corporation”** Int. J. Public Sector Performance Management, (Scopus) Vol. 12, Nos. 1/2.
4. Ms. Shalini Ranjan & Ashok Kumar Asthana (2023) **“Impact of Digital Payment System on Indian Rural Banking Customer”**. International Journal of Research Publication and Reviews, [ISSN No: 2582-7421] Vol 4, no 6, pp 1380-1388.
5. Kumar. A., Kumar. A., Kumari. N, Kumari.N., Mishra. P., and Behura. K.A., (2022) **“Innovation and Entrepreneurship Leads to Sustainability and Peace”** SMS Journal of Entrepreneurship & Innovation. [ISSN No. 2349-7920], Vol: 9, Issue-I, pp. 69-80.
6. Parveen. E., and Mishra. P. (2022), **“Artificial Intelligence in Human Resource Management”**. MANTHAN-SBU Journal of Commerce, Management & Humanities, [ISSN: 2582-8517] Vol 3.
7. Sukhija. K., and Mishra. P., (2022), **“A Study on Education and Skill Development of Tribal Females of Jharkhand”**. MANTHAN-SBU Journal of Commerce, Management & Humanities, [ISSN: 2582-8517].
8. Anand, Arohi (2022). **“A Comparative Study of Select ' Beyond GDP' Measures”**. [ISSN No. 2347-50580], IJMJ Journal of Management, Vol :9, Issue 2.

Conferences

1. Mishra. P. (2023). **"The Ethics of Employee Monitoring and Surveillance in the Workplace"**. International Conference on Business Sustainability and Innovation organized by Doon Business School, Dehradun.
2. Singh. A., Mishra. P. (2023). **"Rural Transformation: Prospects and Challenges"**, International Conference, organized by Department of Management, Vinoba Bhave University, Hazaribag, in association with Indian Institute of Public Administration,(IIPA), Jharkhand Unit.
3. Kumar. K., Mishra. P. (2023), **"Rural Transformation: Prospects and Challenges"**. In International Conference, organised by Department of Management, Vinoba Bhave University, Hazaribag, in association with Indian Institute of Public Administration,(IIPA), Jharkhand Unit.
4. Nitu Sinngi (2023). **"Role of Quiet Quitting and Workplace Alienation in Organizational Commitment: Understanding Psychological Ownership As Moderator"**. International Convention of Psychological Science, Brussels organized by Association of Psychological Science.

Department of English

1. Mahato, Swatilekha (2022). **"Towards Eco-consciousness and Self-realization: A Reading of Arne Naess's Deep Ecological Perspective in Barbara Kingsolver's Prodigal Summer"**. Literary Voice: A Peer Reviewed Journal of English Studies, Number 18, Volume 1. [ISSN 2277-4521] Web of Science ESCI. U.G.C. Care Group II Journal.

Department of Physics

1. Nath, M., Mukherjee, R. & Borgohain, N (2023). **"Stabilization of modulation instability by control field in semiconductor quantum wells"**.Scientific Reports, [ISSN 2045-2322] Vol 13,7669 (SCI, IF =5.56).
2. Rohit Mukherjee,& S. Konar (2022). **"Electromagnetically induced transparency based quantum well infrared photodetectors"**. Journal of Luminescence, Volume 251 [ISSN 0022-2313] (SCI, IF =4.17).
3. Nath, M., Mukherjee, R. & Borgohain, N. (2022) **"Giant Kerr-quintic-septic nonlinearities in semiconductor quantum wells."** Eur. Phys. J. Plus 137, 903 (SCI, IF =3.75)

Department of Yoga and Naturopathy

1. Arya, D., Gaur, V., Maurya, A., Kala, M., (2022). **"Impact of Yogic Practices on Mental Well-Being of Adolescent Girls. Rabindra Bharti"**. Journal of Philosophy, (ISSN: 0973-0087), Vol.: XXIII, No: 09.
2. Anshu, Kumar, R., Sharma, S. G., Maurya, A., Arya, D. (2022). **"Effect of Pranayama on Stress, anxiety level and sleep quality in post COVID-19 patients: A narrative review"**. International Journal of Yoga and Allied Science [ISSN: 2278 – 5159], Vol 11, No: 2, pp: 89-94.

Conference

1. Prakash, S., Maurya, M. (2023). **"ROLE OF YOGA ANXIETY AND STRESS DUE TO COVID-19: A REVIEW"**. Souvniar

WEBINAR & SEMINAR**Making the Hardest Leadership Decisions**

A webinar was organized by the Faculty of Commerce and Management on 27th Oct.'22 at Sarala Birla University under the chairmanship of Professor Gopal Pathak, Honorable Vice Chancellor of the University on the topic "Making the Hardest Leadership Decisions". The keynote speaker of the webinar was Prof. Joseph L. Badaracco, John Shad Professor of Business Ethics, Harvard Business School, USA. Prof. Badaracco elaborated on the various aspects of Hardest Leadership Decisions. He mentioned that every leader has to take many important decisions in his life and career, which sometimes involves taking very difficult decisions. He also stated that a successful leader should not take any difficult decision in a biased manner. He discussed the decisions of Apple creator Steve Jobs and explained why he had to leave the Microsoft Company. He advised on taking fair decisions by avoiding the emotional side to become a successful leader. He also elaborated about difficult, complex and necessary decisions to be taken judiciously to deal with various conflicts. Prof. Badaracco enthusiastically answered questions related to the topic that the faculty members enquired about.

Motivational Session for NET-JRF Aspirants

On 5th Dec. 2022, One day Webinar on the Topic - Motivational session for NET-JRF aspirants were organized by the Dept of Yoga and Naturopathy in which Mr. Surya Prakash, and Ms Pooja were the speakers of the Program.

Seminar on "ADVANCED MANUFACTURING PROCESSES"

On 9th June 2022, Department of Mechanical Engineering organised a Seminar on "ADVANCED MANUFACTURING PROCESSES". The eminent Speaker of the event was Dr. R. S. Joudon, Professor, Department of Industrial and Production Engineering, G. B. Pant University of Agriculture and Technology, Uttarakhand.

The speaker discussed about NDT (Non destructive testing) and various advanced manufacturing processes and its application. The speaker also emphasized on the importance of advanced manufacturing processes in the field of automotive technologies and mechatronics related industries.

Webinar on ISHRAE

On 12th Nov. 2022, Department of Mechanical Engineering organised a Sensitization Webinar on ISHRAE. The eminent Speaker of the event was Dr. B.Kiran Naik, Assistant Professor, Department of Mechanical Engineering, NIT Rourkela.

The speaker discussed about the importance of ISHRAE student membership and Benefits.

National webinar on "Recent Trends of Photonics with Applications"

Department of Physics organized a National webinar on 26th Nov. 2022 on the Topic-"Recent Trends of Photonics with Applications"

The eminent speaker of the webinar were :

1. Dr. Seabrat Mukherjee, Assistant Professor, Department of Physics, IISc Bangalore, India.
2. Dr. Nitu Borgohain, Assistant Professor & Head, Department of Physics, University of Science & Technology, Meghalaya.

Har Ghar Tiranga cum Plantation Programme



National Service Scheme unit of SBU organised the '**Har Ghar Tiranga and Plantation Programme**' on 13th August 2022. Plantation has been done in the adopted Villages- Aara, Jaratoli and Baram of Namkum Block, Ranchi.

N.S.S, SBU organised Corona Vaccination Camp



N.S.S. Unit of Sarala Birla University organized a **Corona Vaccination Camp** on 25th August 2022 in the GNM Building. In this camp nearly about 700 students and nearby villagers were immunised.

SBU Conducted Meeting with the Delegates of University of Berkeley

Sarala Birla University organised an **Online Meeting with University of California, Berkeley, USA** on 2nd September, 2022 in the Board Room, Administrative Block, SBU to explore the collaboration and International Exchange Program.

The meeting was chaired by Honourable Vice Chancellor Prof. Gopal Pathak who welcomed all the members and discussed about the visiting Student Program. Under this programme, students of SBU will now be able to study at the University of California, Berkeley for higher education under the Berkeley International Study Program (BISP) and the University of California, Berkeley will provide support services for students.

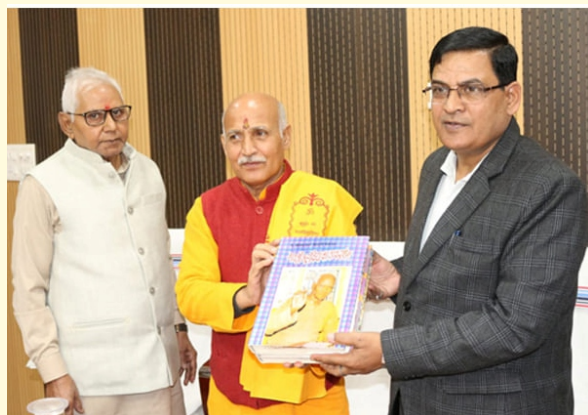


Yuva Mahotsav

Eight Volunteers of NSS, SBU Ranchi participated in Yuva Mahotsav held on 24th September, 2022 in the institute of Legal Studies of Ranchi University organized by Nehru Yuva Kendra under youth and sports ministry govt of India.

Geeta Jayanti Celebration

On 3rd Dec. 2022, the occasion of **Geeta Jayanti**, Dept. of Yoga and Naturopathy celebrated the Geeta Jayanti in which Geeta Shloka were recited by the students.



Induction Programme



Sarala Birla University had organized an **Induction cum Orientation** programs on 7th, 8th and 10th October 2022 at B. K. Birla Auditorium for the newly admitted students of the Department of Engineering and Applied Sciences, Department of Commerce & Business Management and Department of Humanities & Linguistic as per the AICTE/UGC norms. Its purpose was to make the students feel comfortable in their new environment, create bonding in the respective batch, as well as between faculty and students.

On this occasion Prof. Neelima Pathak, Dean, Humanities & Linguistic and Yoga stated that honesty, integrity, selflessness, determination and control over the mind are the qualities that leads an individual towards the path of success. Prof. V.K. Singh, Registrar, SBU said that it is only the outcome of the trust shown by parents and the children to choose this university for their higher education. Prof. Gopal Pathak, VC, SBU spoke about time management, the aspirations of parents, human and moral values, the university discipline and the importance of class attendance. He further highlighted the importance of New Educational Policy, 2020, where the focus is on the all-round personality development of students. The functioning of the Training and Placement Cell, Examination Section, DSW Section, different Club Activities and Library Section were briefed to the newly admitted students.

3rd Orientation Programme for the Ph.D. Scholars (Monsoon)



Sarala Birla University (SBU), Ranchi hosted 3rd **Ph.D. Orientation Program** on October 10th, 2022. The program was commenced at 2:00 p.m. in the Seminar Hall of SBU, creating a conducive environment for learning and collaboration. On this occasion, Dr. Abhishek Chauhan, Dean of Research & Development delivered an informative session on Research Methodology and the procedures to be followed by the Ph.D. Scholars in accordance with the UGC guidelines and

Ph.D. ordinance. In this programme departmental group discussions were conducted between the Ph.D. scholars and their respective departments which provide a platform for collaboration, fostering the exchange of knowledge and ideas among the scholars.

Coding Club of SBU organized a Gaming Event “Next Level”

The SBU Coding Club in collaboration with the Trinity Gaming and Facebook Gaming had organized a gaming event “**Next Level**” in the Sarala Birla University Campus on 4th November 2022. The aim of the event was to make people aware about gaming and give a platform and opportunity to the students who are interested in making a career in gaming.



“Badhta Bharat Badalta Bharat”



A seminar was organized at Sarala Birla University on the topic "**Growing India, Changing India**" on 30th Dec, 2022. The eminent speaker of the event was Dr. Rakesh Kumar Sinha, renowned national thinker and Rajya Sabha MP of he said through the New National Education Policy, Prime Minister Narendra Modi is moving towards making Europe-centric India into an India-centric India. He said that India is always considered as a Vishwa Guru because of its tradition, knowledge and will continue to be so in the future.

T-10 Inter-University Cricket Tournament

SBU Organized the **T-10 Inter-University Cricket Tournament** from 6th to 9th Jan. 2023 at SBU playground where 9 teams did registration and 6 teams had turned up for competition. Sarala Birla university won the tournament, Usha Martin got the Runner Up Trophy.



Expert Talk on “Art of Living”

Sarala Birla University, Ranchi organized an expert talk on "**Life Management**" on 12th January, 2023. The eminent speaker of the session was **Pandit Vijay Shankar Mehta Ji**.



Competition “Kai Po Che”



Makar Sankranti, to celebrate a new beginning of spring and to fill the students with zeal and enthusiasm. The event was conducted successfully under the guidance of Aditi Kumari, club president, Rohan Kumar Singh, club vice-president and Misha Kumari, club student coordinator.

NSS Unit, SBU Celebrated Birth Anniversary of Swami Vivekanand

On 12th Jan., 2023 NSS Unit, Sarala Birla University celebrated **159th Birth Anniversary of Swami Vivekanand** under the chairmanship of Dr. Gopal Pathak, Vice Chancellor, SBU. On this occasion preaching's of Swamiji and his life history were enunciated by the dignitaries.

126th Birth Anniversary of Netaji Subhash Chandra Bose

NSS Unit of SBU celebrated 126th Birth Anniversary of Netaji Subhash Chandra Bose Jayanti as "**Prakaram Diwas**" on 23rd Jan, 2023 in the Academic Block.

Annual Sports Meet 2023



On 9th & 10th February, 2023, Sarala Birla University, Ranchi conducted its **Annual Sports Meet, Umang-23**. The event started with hoisting the University flag followed by jumble march, oath ceremony, torch lightning ceremony and the release of balloons in the sky. Students took part in a number of sports, including football, cricket, basketball, tug of war, volleyball, shot put, and track and field competitions. Patanjali House was the overall winner in the Annual Sports Meet.

SBU Celebrated Saraswati Puja



Sarala Birla University hosted the Basant Panchami Utsav on its campus on 26th Jan 2023. An idol of Goddess Saraswati was placed at Puja Sthal in the open amphitheatre near the Administrative block of the University. The campus was lavishly adorned for the occasion.

Alumni Meet



On 28th January, 2023, Sarala Birla University organized an Alumni meet for the former students of the university at the amphitheatre. Event was attended by 126 alumni. Various cultural program was performed by the current students of the university which included different solo and group dances, music, yoga demonstration, poem recitation and a band performance. On this occasion Hon'ble Vice Chancellor, Prof. Gopal Pathak welcomed the Alumni and congratulated them for being in a successful position in their lives.

SBU Celebrated Republic Day



Sarala Birla University, Ranchi celebrated 74th **Republic Day** on 26th Jan., 2023 followed by a Flag Hoisting Ceremony and paid homage to the freedom fighters who sacrificed their lives for our Nation.

Marketing Club of SBU organised Food Bazaar



A **Food Bazaar Competition** was organized by the Marketing Club of Sarala Birla University in the amphitheatre of the University on 3rd February, 2023. In this competition 25 different types of food stalls were set up by the students. The students participated in the food market with great enthusiasm, interest and were able to learn various important tricks of market operation in a hands-on manner. On this occasion, Hon'ble VC, SBU, Prof. Pathak said that it is very important to have ethics in market operations. Registrar, SBU, Prof. V.K. Singh said today it is very important to have practical knowledge in which there is a proper inclusion of honesty and morality. Best three food stalls were awarded with certificates and gifts by the dignitaries.

Expert lecture on "Process to apply and prepare SSR for NAAC"

Internal Quality Assurance Cell (IQAC) of SBU organized an expert talk on "NAAC, The Process & Preparations" on 27th March 2023 at 3.00 PM in the boardroom of the Administrative Block. The eminent speaker of the event was Dr. R. Naresh Kumar, Associate Professor, Dept. of Civil & Environmental Engineering, BIT Mesra, Ranchi.

The invited speaker Dr. R. Naresh Kumar, Associate Professor, Department of Civil & Environmental Engineering, BIT Mesra, Ranchi delivered a talk on **"NAAC: The Pprocess & Preparations"**. He discussed eligibility criteria and process for assessment and accreditation. He spoke about Annual Quality Assurance Report (AQAR), Institutional Information for Quality Assessment (IIQA) & Self-Study Report (SSR). He also highlighted the role of seven important criteria (1. Curricular Aspects, 2. Teaching, Learning and Evaluation, 3. Research, Innovations and Extension, 4. Infrastructure and Learning Resources, 5. Student Support and Progression, 6. Governance, Leadership and Management, 7. Institutional values and Best Practices) in the NAAC accreditation process.

District Level Leveraging Neighborhood Youth Parliament Program



Sarala Birla University, Nehru Yuva Kendra Ranchi, Jharkhand, Ministry of Youth Affairs and Sports, Government of India, and Vivekananda Youthquake Foundation under the joint aegis of Vasudhaiva Kutumbakam theme Neighborhood Youth Parliament organized on the occasion of celebration of India's G-Twenty Presidency at B.K. Birla Auditorium on 26th feb 2023. The chief guest of the event was Mr. Karmaveer Singh, Bharatiya Janata Party's State Organization General

Secretary, said with the announcement of Bharat Mata that for the first time after independence, India is presiding over the G-20 countries. On this occasion, 200 meetings are being organized at 56 places. He discussed in detail about environmental protection, water conservation, maximum tree plantation and tree farming.

SBU Organized Sangosthhi



SBU organized Sangosthhi on 18th March 2023 in SBU Amphitheatre. The eminent speaker of the talk was Pujiyapad Jagadguru Sankracharya Maharaj Jee, Govardhan Peeth, Puri, Orissa.

Holi Milan Samaroh



Sarala Birla University put on a spectacular and vibrant event on 22nd March, 2023 to celebrate the Holi festival. By using colours and sweets, all the teachers and students exchanged heartfelt wishes among themselves.

SBU Celebrated 132th Birth Anniversary of Dr. Bhimrao Ambedkar



National Service Scheme Unit of Sarala Birla University celebrated 132th **Birth Anniversary of Dr. Bhimrao Ambedkar** on 14th April 2023. On this occasion, Vice-Chancellor of the University, Professor Gopal Pathak highlighted in detail the biography and works of Baba Saheb Bhimrao Ambedkar. He said that India is always indebted to the works and thoughts of Baba Saheb Bhimrao Ambedkar. Babasaheb Ambedkar remained in favour of national unity, integrity, social harmony as well as cultural unity throughout his life. He further stated that according to Babasaheb Ambedkar all work has equal importance and should be respected equally.

On this occasion, the Registrar of the University, Professor Vijay Kumar Singh said that Baba Saheb Ambedkar was a skilled thinker with sharp intelligence and talent. Despite social animosity and caste stiffness, he became a factor of social change. He not only uplifted Indian politics but also did the work of renaissance of Indian society. For the unity of India, he was the creator of the great Indian constitution as well as a true Indian son.

SBU students participated in AVIRBHAHV 2023 organized by Law University, Ranchi.

Students of Sarala Birla University participated in AVIRBHAHV 2023 sports event organized by law University Ranchi from 24th to 27th April 2023. Sarala Birla University students participated in various sports event and got championship in football event and got Runner ship in Chess event.

SBU organized Launch Ceremony of Chitrapat Jharkhand Film Mahotsav



Sarala Birla University had organized a launch ceremony of Chitrapat Jharkhand Film Festival on 13th May 2023 at its campus. On this occasion, Honourable Vice-Chancellor of the University, Professor Gopal Pathak said that this program is being organized to take the local art and talent to the national and international platform.

President of Chitrapat Jharkhand Film Festival, Dr. Pradeep Kumar Verma said that films are not only for entertainment but also carriers of values and culture. He said that efforts

are being made to bring local talents to the fore through Chitrapat Jharkhand. He said that Chitrapat Jharkhand aims to strengthen its cultural values by promoting Indianness, Indian family values and Social Consciousness in Indian cinema.

Shutterbugs Club of SBU organized "Life Through Lens" a Photography Exhibition



On May 19th, 2023, SBU Shutterbugs, the photography Club of Sarala Birla University organized a photography exhibition on the topic "Through the Lens: Exploring the Beauty of Life". In this exhibition, the students showcased their photography talent by exhibiting photographs, which they have clicked over a period of one year covering various themes like the Rainy Season, Navratri, Deepawali, Chhath Puja, Floral Photography 2.0 etc. They also screened their self-produced movie showing their emotions and skills associated with SBU campus.

Faculty Development Program

Sarala Birla University organised a Faculty Development Program for all the faculty members at New Academic Building, SBU Campus. The chief speaker of the event was Hon'ble VC, SBU, Prof Gopal Pathak. He delivered a talk on the topic "How to Improve Teaching Skills and Learning Standards through Quality Publications and Project consultancy".



Environmental & Forest Awareness Program



On the occasion of International Day for Biological Diversity, National Service Scheme, Sarala Birla University, Ranchi and Forest Officers, Ranchi jointly organised "Environmental & Forest Awareness Program" on 22nd May, 2023.

Workshop on Movie Making



A Movie Making Workshop was organized by Shutterbugs, the photography club of Sarala Birla University on 24th May 2023. The students actively participated in the program and got answers to their questions based on their hardship related to movie making. The program's main guest was Dr. Sushil Kumar "Ankan," a former Instructor and Director of Ranchi University's, School of Journalism and Public Communication who has also created a number of short films and documentaries from Jharkhand.

Youth and Road Safety Awareness Programme

The Samarpan Club of SBU had organized a two-day program on the theme "**Youth And Road Safety Awareness Programme**" on 25-26th May, 2023 under the chairmanship of Dr. Sandeep Kumar, Dean, Faculty of Commerce & Management, Sarala Birla University with the aim of promoting creativity, cultural expression, and community welfare. The programme was organised in association with the Jharkhand Film and Theatre Academy (JFTA). Various events such as Rangoli Competition, Poster Making Competition, Food Donation, Road Rally and Skits were organized to encourage everyone to follow the traffic rules and decrease road accidents and to develop skills of imagination, creative ability and artistic discrimination. The guests of honour of the event were Mr. Rajeev Singh, creative director of JFTA and Mr. Rishabh Anand.

World Environment Day



National Service Scheme Unit, Sarala Birla University, Ranchi organized the **World Environment Day** on 5th June, 2023 in the Seminar Hall- 2 of GNM Building.

On this occasion, Honourable Vice-Chancellor Prof. Gopal Pathak, expressed his views on the theme of World Environment Day "**Beat Plastic Pollution- Ecosystem Restoration**" and encouraged everyone to accelerate this action and join the global effort to beat plastic pollution from our planet.

Expert Talk on "Youth & National Development"

Sarala Birla University, Ranchi had organized an Expert Talk on "Youth & National Development" on 8th June, 2023. The Eminent Speaker of the session was Dr. Sampson David, Former Joint Secretary, Association of Indian Universities (AIU), Member, Advisory Board, SBU, Ranchi. He delivered a talk on "Youth & National Development". He spoke about the meaning and power of youth for the development of the nation.

SBU Paid Tribute to the Bhagwan Birsa Munda on 122th Death Anniversary

Sarala Birla University, Ranchi paid tribute to the great freedom fighter and son of the soil 'Dharti Abba' Birsa Munda on his 122nd death anniversary on 9th June, 2023. Honorable Vice Chancellor Prof. Gopal Pathak, Prof. Vijay Kr. Singh, Registrar, Sarala Birla University and other dignitaries paid floral tribute to Bhagwan Birsa Munda. On this occasion, Vice-Chancellor Professor Gopal Pathak said that Birsa Munda was such a hero in Indian history, who changed the condition and direction of the tribal society in Jharkhand through his revolutionary thinking.



9th International Yoga Day



Department of Yogic Sciences and NSS Unit-I & II of Sarala Birla University, Ranchi organised the '9th International Yoga Day' with great enthusiasm and zeal on 21st June 2023. On this occasion, the Vice-Chancellor of the University Professor Gopal Pathak said that Yoga enables the unity of mind, body and soul. Different forms of yoga benefits our physical and mental health in different ways.

Dr. Pradeep Kumar Verma, CEO, SBU in his address highlighted that Yoga is the process of connecting the soul with the divine. Dr. Neelima Pathak, Dean of Yoga and Naturopathy Department, elaborated on the meaning, importance, history and importance of Yoga. On this occasion, Prof. Vijay Kumar Singh, Registrar, SBU said that International Yoga Day celebrated on 21st June is a ritual for the ancient Indian art.

SBU organized 'Chitrapat Jharkhand Film festival'



Three days Chitrapat Jharkhand Film Festival was organized in Sarala Birla University from 22nd June-25th June 2023. The Chief Guest of the inaugural event was Padma Vibhushan, former Lok Sabha Deputy Speaker Kadiya Munda, and special Guest of the event was Rajya Sabha MP, Dr. Mahua Maji. Themes fixed for the film festival were Tribal Society, Jharkhand Freedom Struggle, Vocal for Local, History of Jharkhand, Village Development, Women Empowerment,

Environment, Social Harmony, Employment Generation, Future India etc. In this festival, 41 films were screened on the second day and 60 selected films were screened on the third day. Film experts had a special conversation with the participants on the subject of film production and distribution. Best male actor, best female actress, best director were awarded in three categories (short film, documentary film and campus film) with trophy, certificates & cash prizes. The chief guest of the closing ceremony was former minister and current MLA Saryu Rai and special guest of the event was Padma Shri Mukund Nayak.



इंस्टीट्यूट ऑफ नर्सिंग एंड विलनिकल टेक्नोलॉजी के 11वें जीकाबा...

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एसबीयू में हिंदी पर्यवाहक के तहत हिंदी दिवस आयोजित

राज्यीय शिक्षा बोर्ड, दिल्ली के अधीन आने वाले एसबीयू में हिंदी दिवस का आयोजन किया गया। इस अवसर पर डॉ. राजेश कुमार ने हिंदी के महत्व और इसका विकास के लिए आवश्यकताओं को बताया।



इस अवसर पर डॉ. राजेश कुमार ने हिंदी के महत्व और इसका विकास के लिए आवश्यकताओं को बताया।

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गुड्स मैनेजमेंट प्रोडक्शन की मुख्य शर्त

राजकीय से उद्योगों से
मुक्त राजीवजी के स्वराज
पर केन्द्रित

राजकीय@swati.co.in
RANCHI (8 July) : स्वराज विचार
प्रतिष्ठान के अध्यक्ष राज. रा. रा. रा. रा.

● **हॉलिवूड में बीबीसी डॉक्यूमेंट्रीज का जन्म**

१०. यदि कोई व्यक्ति जिस पर आरोप है कि
 उसने किसी व्यक्ति को अपहरण कर लिया
 है, तो वह व्यक्ति को तुरंत छोड़ देना चाहिए।
 यदि ऐसा नहीं करता, तो उसे गिरफ्तार
 कर लिया जाएगा।

इंटरनेशनल प्रोग्राम

न्यूज हन लीक
विभाग: ६ प्रकार के हैं - उपराष्ट्रपति



परिवार के एक महिला सदस्य के दो बच्चों सहित, तीन डॉक्टरों और अनुसूचित जाति के बड़े अ के सदस्यों के साथ।

नव प्रवेशित छात्रों का इंडक्शन प्रोग्राम



विश्व बैंक की शिफ्टिंग मशीन कागजों को ढोने में है। उन्होंने एलबोर्न के मुख्य सचिव को प्रशस्तता प्रदान की। कहा कि सुशासन और विकास कागज और लोगों को ही है। उन्हें वा वा विशेष कागज प्रदान करने में। कागजों को सुशासन सुशासन एवं विशेष कागज के साथ किया गया।

सबूतों के बिना ही न्यायाधीशों ने जमानत दे दी। इससे न्यायिक प्रणाली की शक्ति पर सवाल खड़ा हो रहा है।



के कुलपति प्रा. डॉ. पाठक ने कहा कि गैरसहचर्या ने नियंत्रण और शिक्षा के माध्यम से महत्वपूर्ण योगदान दिया है। उनका योगदान अविस्मरणीय

जहाँ अधुनाक भात क बायाँ, जल-सर्पया आर जल-जयंत
 रवेक-जयंत ओ के निर्माण मे महत्वपूर्ण भूमिका निभाने वाला महान
 द-निर्माताओं मे से एक मना जात ह। जहाँने सभी से सर एम.
 वेबस्टर के जीवन इतिहास से गुजरने क भी आह्व किया।
 ई. विश्वविद्यालय के कुलसचिव डॉ. विजय कुमार सिंह ने सभी से
 निगत आर व्यावसायिक जीवन मे सर एम. विवेकद्वया के

रांची 18-11-2021

जय माथुर

संविधान के अंतर्गत प्रत्येक नागरिक को समान अधिकार प्राप्त हैं।

एजुकेशन पोलिसी के लिए जनादालन जरूरी

समाजिक विकास मंत्रालय के सचिव एन. अशोक कुमार ने कहा कि सरकार का लक्ष्य है कि हर बच्चा को गुणवत्तापूर्ण शिक्षा मिल सके।

समाजिक विकास मंत्रालय की ओर से आयोजित एक कार्यक्रम में उन्होंने कहा कि शिक्षा के माध्यम से ही देश को विकसित किया जा सकता है।

उन्होंने कहा कि सरकार द्वारा शुरू की गई शिक्षा नीति को सफल बनाने के लिए जनता की सहभागिता जरूरी है।

उन्होंने कहा कि शिक्षा के माध्यम से ही देश को विकसित किया जा सकता है।

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 सुप्रीमकोर्ट में न्यायाधीश जी
 महोदयों के सम्मुख प्रस्तुत किया गया
 महामहोदयों का सम्मुख प्रस्तुत किया गया



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दुनियाँ ताँथ पर चाँद किये गए डॉ आंबेडकर

काई कार्रकम हुए

जयि। शिवराम ठीक

प्रकाश प्रेस काटिंग मशीन के
उपयोग में सहायता के लिए
प्रकाश प्रेस काटिंग मशीन के
उपयोग में सहायता के लिए

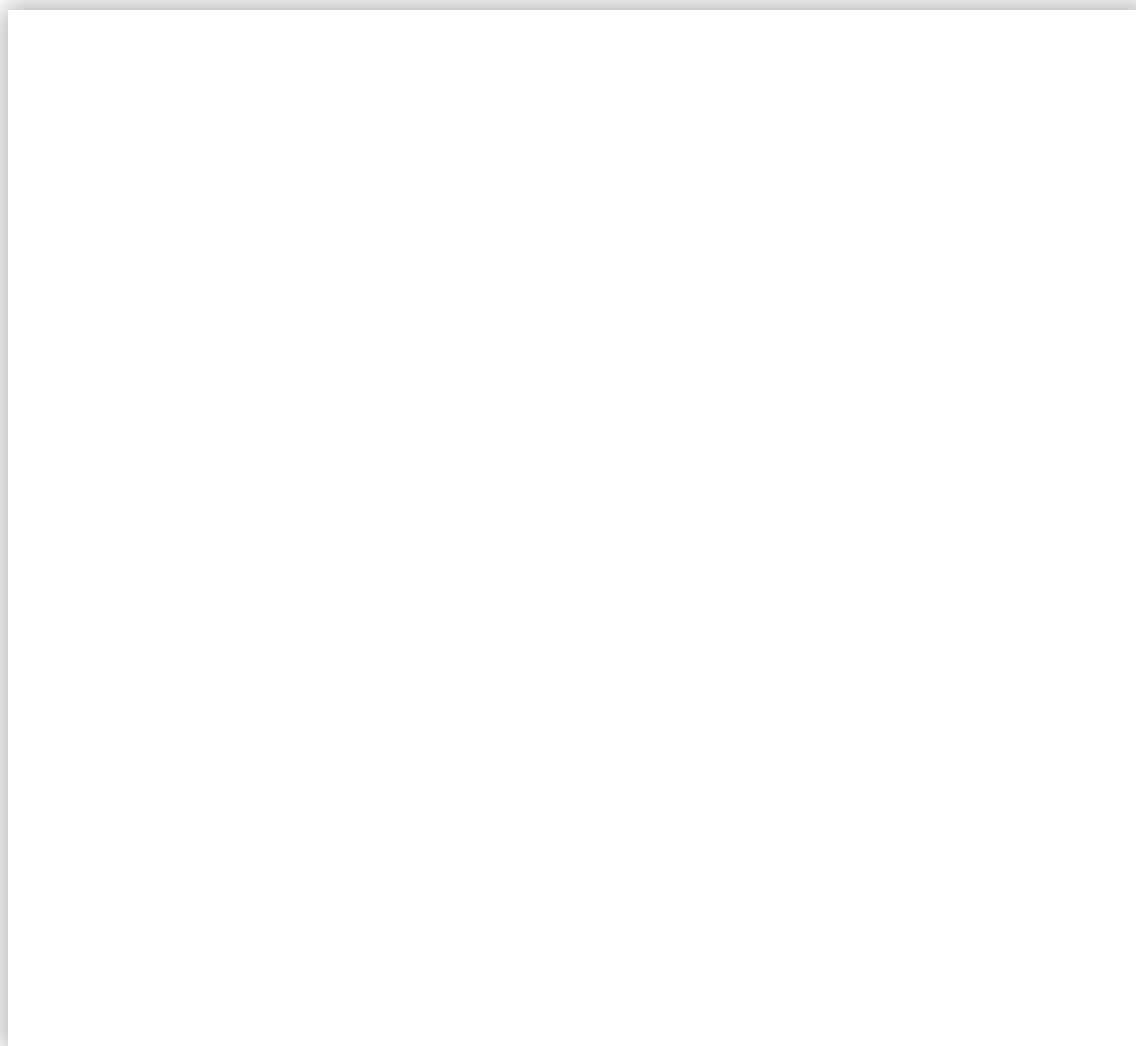
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॥ श्रीगणेशाय नमः ॥
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SBU GALAXY



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