SPSU
Sir Padampat
Singhania University

Sir Padampat Singhania University

ANNUAL Report 2023-24

Empowering Youth to Build Nation

CONTENTS

CHAIRPERSON'S MESSAGE

Dr. Nidhipati Singhania

As we present this annual report, it is a moment to honour and reflect on the visionary legacy of Shri Yadupati Singhania Ji, whose profound influence continues to guide Sir Padampat Singhania University (SPSU) since its founding in 2007. Over the years, SPSU has distinguished itself as a cornerstone of academic excellence, advancing the future of higher education in Rajasthan.

Situated in the serene and inspiring landscape of Udaipur, SPSU offers a unique educational environment where academic rigor seamlessly integrates with hands-on experience. Our curriculum is thoughtfully crafted to anticipate and meet the demands of a rapidly evolving global landscape, incorporating advanced technologies such as Artificial Intelligence, Machine Learning, the Internet of Things (IoT), and Industry 5.0. This holistic approach not only encourages innovation but also equips our students with the knowledge and skills to thrive as leaders in the future workforce.

Aligned with the principles of the National Education Policy (NEP) 2020, SPSU is committed to fostering a flexible and interdisciplinary learning environment. Our Outcome-Based Education model, coupled with robust industry partnerships, empowers students to reach their full potential. Through an array of scholarships, research initiatives, and an enriching campus life, we strive to develop well-rounded graduates who excel academically and demonstrate social responsibility.

Our alumni network, a true reflection of SPSU's commitment to quality and impact, comprises entrepreneurs, leaders, and change-makers who continue to drive innovation and contribute to societal progress. They stand as a testament to the values and vision that define our university.

As SPSU advances, we remain steadfast in our mission to deliver world-class education and foster all-encompassing growth. We are dedicated to shaping the future of our students, preparing them to become the next generation of innovators and leaders who will positively influence our world.

![SPSU logo]

PRESIDENTIAL FOREWORD

Prof. (Dr.) Prithvi Yadav

In an era marked by swift transformations, higher education has adapted remarkably to tackle critical global issues, including environmental sustainability, equity and social responsibility. Recent years have seen a substantial shift in the landscape of higher learning, fuelled by unprecedented advancements in science and the rise of interdisciplinary studies.

The New Education Policy 2020 embodies this shift in perspective, emphasizing the importance of holistic development over merely creating a resource pool. With this vision, SPSU aims to stand as a beacon of knowledge, fostering intellectual discourse and serving as a catalyst fr societal change, ultimately preparing students to thrive in a dynamic global environment.

Sir Padampat Singhania University (SPSU), supported by its dedicated faculty and robust industry-academia partnerships, is deeply committed to equipping students with the skills and knowledge required to excel in the professional world. Our flexible curriculum and state-of-the-art infrastructure provide the ideal platform to nurture talent and achieve success. Our transformation roadmap emphasizes modern curricula, specialized courses, organizational restructuring, operational improvements, and cutting-edge infrastructure enhancements. We aim to empower the next generation leaders with rich interdisciplinary education that promotes sustainability, drives development, and champions equity at every stage. Our programmes feature global certification courses and industry collaborations with prestigious partners such as Xebia, L&T Edutech, SAS, FL Smidth, and Microsoft, among others.

Aligning with Sir Padampat Singhania's vision of providing affordable and accessible quality education, SPSU offers generous scholarships to deserving and meritorious students. Throughout the year, the university has successfully organized a wide range of expert lectures, workshops, Faculty Development Programmes (FDPs), Management Development Programmes (MDPs), Hackathons, Walkathons, Orion's- The Fresher's Welcome and Panache 2024—the annual techno-cultural management fest. Highlights include the International Conference on 'Navigating the Future: AI, Blockchain, and Sustainable Development in the G20 World' and the International Research Convention. Additionally, our orientation programme, Sangyaan 2024, was a resounding success, offering students lectures, interactive workshops, and hands-on activities.

SPSU's multiple Memoranda of Understanding (MoUs) with industry and academic institutions further enhance our student's educational experience, providing exclusive opportunities for hands-on learning, real-world exposure, and participation in cutting-edge projects. These initiatives highlight our unwavering commitment to equipping

students with the knowledge and skills necessary to excel in an ever-changing global landscape.

Sir Padampat Singhania University through its various collaborations and sincere efforts is dedicated to creating a transformative educational experience that bridges knowledge with real-world application. By embracing innovation, sustainability, and inclusivity, SPSU empowers its students to become socially responsible and skilled leaders ready to meet global challenges head-on. Driven by our commitment to a holistic, student-centred approach, we intend to equip every graduate with specialized skills and the resilience and agility to thrive in today's fast-paced, interconnected world.

As we continue to build upon our foundation of excellence, SPSU stands poised to inspire positive change and contribute meaningfully to society for generations to come.

The Annual Report for 2022-23 encapsulates this academic journey, reflecting the collective efforts of all departments in shaping a brighter future for our students.

1.0 INTRODUCTION

The Yadupati Singhania Foundation (formerly JK Cement Nimbahera Foundation) envisioned the establishment of a world-class university in Rajasthan benchmarked to international educational institutions. The Foundation constituted a think tank of eminent people from industry, science and technology, and academia who prepared the blueprint of Sir Padampat Singhania University (SPSU), named after the visionary founder of the JK Organization. The University came into existence through an act of the Government of Rajasthan in the year 2007 and was subsequently recognized by the University Grants Commission (UGC) of India by following a rigorous process of inspection. The University has also been granted membership of the Association of Indian Universities (AIU) and accredited by the National Assessment and Accreditation Council (NAAC). The University offers undergraduate, postgraduate, and doctoral Programmes under the three schools: the School of Engineering, the School of Management and the School of Liberal Studies. The syllabi of all academic Programmes at the University are regularly reviewed, incorporating valuable insights from both industry experts and academia. This dynamic approach ensures flexibility, promotes interdisciplinary learning, and aligns with the evolving needs of both the industry and society. The University's strong academic and industry collaborations are dedicated to advancing research, driving innovation, and equipping students with the skills required to excel in the workforce.

The University has established a robust network of academic collaborations with prestigious institutions such as Chiba University of Commerce, Japan, and INTI International University, Malaysia, facilitating regular student and faculty exchanges, along with summer internships and training Programmes. Additionally, the University has formed strategic industry partnerships to enhance curriculum design and provide hands-on learning opportunities. Notable collaborations include AWS Academy for Cloud Computing curriculum development, Intel for establishing a High-Performance Computing and IoT Lab, and Gainwell for live project support in Mining Engineering. The University also partners with Beumer Group and L & T Edutech for Digital Manufacturing courses, Xebia for AI/ML specializations, FL Smidth for joint delivery of Cement Technology courses, TCS-ion for Cloud Computing curriculum and remote internships, and Microsoft for Cloud Computing certification. Other key collaborations include Omnipresent for setting up a Robotics Lab, Tinkerlab for experimentation in Electronics and Communication Engineering, Hindustan Zinc Ltd. for Advanced Mining Engineering curriculum support, GHH

for Mechanical Engineering certification, Nuvoco Vistas for specialization in Cement Technology and SAS for co-delivery of the MBA programme with a specialization in Business Analytics. The University also partners with the Foundation for Innovation and Research in Science and Technology (FIRST, IIT Kanpur) for co-incubation activities. These collaborations bridge academia and industry, promote innovation, practical skills, and research excellence across disciplines.

As a result of concerted efforts put in by the University for research activities during last years an average of more than one publication per faculty per year has been indexed in the SCOPUS database which counts to half of our total SCOPUS indexed publications.

The University has garnered recognition from various Central and State Government Ministries and Departments, including the Ministry of Micro, Small, and Medium Enterprises (MSME), the Department of Science and Technology (DST), and the Ministry of Human Resource Development (MHRD). These recognitions have enabled the University to secure funding for initiatives in entrepreneurship, incubation, research, and development.

Additionally, the University actively participates in key MHRD digital networks such as the National Academic Depository (NAD), National Digital Library (NDL), e-ShodhSindhu, Shodhganga, DELNET, and IRINS-INFLIBNET, enhancing its digital infrastructure and academic resources.

In its commitment to creating a converging learning environment that meets the needs of an ever-evolving society, the University also strongly emphasizes promoting national integration and value-based education. Over the past one and a half decades, the University has remained dedicated to academic excellence, entrepreneurial innovation, diversity, vibrancy, and creativity. Its steady and remarkable progress toward fulfilling its objectives, vision, and mission reflects a collaborative effort involving all stakeholders in scholarly and intellectual growth.

This Annual Report offers a comprehensive overview of the governance, administration, and academic, co-curricular, and developmental activities carried out at the University for the academic year from July 2023 to June 2024.

1.1 CONSTITUTION OF VARIOUS BODIES

BOARD OF MANAGEMENT (BoM) as on June 30, 2024

S. No.	Name	Profession	Designation
1	Mr. Nidhipati Singhania	Chairperson	Chairman
2	Prof. (Dr.) Prithvi Yadav	President, SPSU	Member
3	Mr. Madhavkrishna Singhania	Dy. Managing Director & CEO J K Cement Ltd.	Member
4	Mr. Mangal Dev	Head of Hitachi Railway Systems, Business India and South Asia	Member
5	Dr. Ashok Khosla	Chairman, Taralife Sustainability Solutions Pvt. Ltd.	Member
6	Dr. Nalinaksh S. Vyas	Professor, Department of Mechanical Engineering IIT Kanpur	Member
7	Mr. Ajay Kumar Saraogi	Deputy MD and CFO JK Cement Ltd.	Member
8	Mr. Dinesh Kothari	Managing Director Delhi Private School, UAE	Member
9	Col. (Dr.) Sanjay Sinha	Vice President & Head J K Cement Education Vertical	Member
10	Mr. Amit Goyal	Managing Director India Sotheby's International Realty	Member
11	Dr. Dhruv Aggarwal	President Strategy at Paramount Communications Ltd.	Member
Representative of the State Government			
12	Commissioner	College Education, Govt of Rajasthan, Jaipur	Member
Nominated by the President			
13	Dr. Sadananda Prusty	Dean, School of Management SPSU	Member
14	Dr. Prasun Chakrabarti	Dean, International Affairs Director, Research SPSU	Member

	Member Secretary		
15	Dr. Udayprakash R. Singh	Registrar	Member Secretary

Advisory Council			
S. No.	**Name**	**Profession**	**Designation**
1	Dr. Raghavpat Singhania	Managing Director, JK Cement Ltd.	Member
2	Smt. Vidhi Singhania	Chairperson, LK Singhania Education Centre	Member
3	Mr. Amit Kothari	Group President - Strategy, JK Cement Ltd.	Member

ACADEMIC COUNCIL as on June 30, 2024

1.	Prof. (Dr.) Prithvi Yadav	President	Chairperson
2.	Prof. (Dr.) Sadananda Prusty	Dean, SOM	Member
3.	Prof. (Dr.) Prasun Chakrabarti	Dean (Officiating), SoE Dean International Affairs, Director Research	Member
4.	Prof. (Dr.) Deepak Vyas	Head, Dept. of Chemistry	Member
5.	Prof. (Dr.) Alok Kumar	Head, Dept. of CSE	Member
6.	Prof. (Dr.) Naveen Kumar	Head, Dept. of ME	Member
7.	Prof. (Dr.) Shweta Lalwani	Head, Dept. of Management	Member
8.	Prof. (Dr.) Monika Anand	Head, Dept. of English	Member
9.	Prof. (Dr.) Shibani Banerjee	Director, Public Relations	Member
10.	Dr. D. S. Chouhan	Head, Dept. of Mathematics	Member
11.	Dr. Ritesh Tirole	Controller of Examination	Member
12.	Dr. Anandkumar A. Bhaskar	Head, Dept. of ECE	Member
13.	Dr. Archana Gajbhiye	Head, Dept. of Biotechnology	Member
14.	Dr. Prithvi Singh	Head, Dept. of Physics	Member
15.	Dr. Deepak Pandey	Head(Officiating), Dept. of Mining	Member
16.	Mr. Avinash Ojha	Head, Dept. of CE	Member
17.	Dr. P K Panigrahi	Librarian	Member
18.	Prof. (Dr.) G. Soral	External	Member
19.	Prof. (Dr.) Udayprakash R. Singh	Registrar, Member Secretary	

1.2 ACADEMIC MEETINGS

Faculty meetings were regularly conducted across all departments to address various department-specific matters, including syllabus revisions, laboratory and workshop development, mentorship, manpower needs, subject allocation, and student performance evaluation. Industry input, alumni perspectives, student feedback, and faculty suggestions were considered in proposing changes to course content, credit structures, and the introduction of elective courses. These recommendations were then submitted to the Board of Studies for further review. Additionally, faculty-wide meetings were held to discuss broader issues such as student performance, hostel management, examinations, admissions, extracurricular activities, and student discipline, with proposals being prepared for submission to the Academic Council. Weekly meetings were also held among department heads, administrative unit leaders, the Registrar, Deans, and the President to discuss academic and administrative matters essential to the University's operations.

BOARD OF STUDIES
SCHOOL OF ENGINEERING

Two meetings were conducted by the School of Engineering during the academic year 2023-24. The first meeting was held on October 31, 2023 and the second was held on January 24, 2024. The summary of the mentioned meetings is as follows

33rd MEETING OF THE BOARD OF STUDIES - October 31, 2023

In the meeting chaired by Prof. Arun Kumar the minutes of the previous meeting were confirmed and several proposals from various departments were discussed. Key decisions included the acceptance of course structure changes for M.Tech and B.Tech Programmes in Mechanical, Civil, Electronics & Communication, and Computer Science Engineering, all aligned with NEP 2020. Additionally, new course proposals in Mining Engineering, Biotechnology, Physics, Chemistry, Mathematics, and English were accepted. The Board recommended all accepted proposals for the approval of the Academic Council. Furthermore, it emphasized the need for collaboration among departments and agreed to organize a separate meeting of Heads of Departments to discuss curriculum development strategies.

34th MEETING OF THE BOARD OF STUDIES - January 24, 2024

The meeting was chaired by Prof. Arun Kumar, Dean-SoE. The minutes of the previous meeting were confirmed unanimously. The meeting discussed action taken on prior decisions, including curriculum development suggestions, leading to recommendations for a separate meeting of Heads of Departments. Significant revisions in course structures for the B. Tech and M. Tech Programmes across various departments,

including Civil, Computer Science, Electronics, Mechanical, and Mining Engineering, were accepted and forwarded to the Academic Council for approval. The meeting also addressed changes in credit structures for multidisciplinary courses, course code revisions for major projects, and credit mapping for lateral entry students. Additionally, proposals from the School of Liberal Studies were presented, including a list of courses under Ability Enhancement, Skill Enhancement, and Multidisciplinary categories for the 2023-27 batches. The meeting concluded with a commitment to continue aligning course structures with NEP 2020 guidelines.

SCHOOL OF MANAGEMENT

35th MEETING OF THE BOARD OF STUDIES - October 30, 2023

The 35th Board of Studies (BoS) meeting was held on October 30, 2023 with the participation of key internal and external members. The external members consisted of Prof. (Dr.) Amitabh Deo Kodwani (Academic Expert) and Dr. Tauseef Zia Siddiqui (Industry Expert). The following were the key changes suggested and approved during the meeting.

a) A few MDCs, SECs, AECs, VACs, and minor courses offered from 3rd Semester onwards were incorporated as per NEP 2020 in BBA and MBA 2022-25 batches.

b) For BBA (2022-25) batch, a new course Marketing Management was introduced in Semester I which was offered in Semester II earlier. It was decided to move Macroeconomics for Business from Semester II to Semester III and Introduce the course Organization Behaviour in Semester II. The new courses Management & Cost Accounting and HRM were introduced in Semester III. In Semester IV, all the core courses (Business Research Methods, Production and TQM, Business Law, Financial Statement Analysis) were introduced to help the students for their placement interviews in Semester V. In Semester V, the new courses Financial Management, Logistics and Supply Chain Management, and Project Management were introduced.

c) For BCom (as per NEP 2020), a new programme structure was aligned with ACCA in order to launch BCom with ACCA Programme. Besides, MDCs, SECs, AECs, VACs courses, minor courses were incorporated to be offered from Semester I onwards.

d) For MBA Programme structure (as per NEP 2020) including that for Working Professionals, SECs and VACs courses were incorporated along with the existing programme structure from the Semester I onwards.

e) For MBA-Business Analytics with SAS including that for Working Professionals, Corporate Ethics and Social Responsibility was decided to be introduced as a new course in Semester I.

f) The names of Prof. (Dr.) Sadananda Prusty, Dr. Bright Akwasi Gyamfi, Dr. Neeti Mathur, and Dr. Imran Anwar were approved to guide PhD Scholars as major advisors.

g) ISO 26000 and ISO 31000 were decided to be incorporated in ethics-related courses as per the suggestion of Dr. Siddiqui (external BoS member).

36ᵗʰ MEETING OF THE BOARD OF STUDIES - January 12, 2024

The 36ᵗʰ Board of Studies (BoS) meeting was held on January 12, 2024 with the participation of key internal and external members. The external members consisted of Prof. (Dr.) Amitabh Deo Kodwani (Academic Expert) and Dr. Tauseef Zia Siddiqui (Industry Expert). The following were the key points discussed and approved.

a) For BBA (2022-2025 batch), as per the new guidelines of UGC, MDCs (Multidisciplinary Courses) in Semester IV and V was decided to be removed (2 credits each) since the minimum credits required are 9 (Students will study 11 credits of MDCs in BBA Programme). Further, SECs (Skill Enhancement Courses) in Semester V were removed (2 credits) since the minimum credits required are 9 (Students will study 11 credits of SECs in BBA programme). For BBA Semester VI, research project of 5 credits was removed (as new UGC guidelines suggest zero credit for the same). Additionally, Mini Project of 2 credits was removed from BBA Semester IV. Workshop of 2 credits was removed from BBA Semester VI. Overall Credits of BBA (2022-2025) batch were reduced from 140 to 125.

b) For BBA/B. Com (2023-26) batch, Students will study MDC (Multidisciplinary Course) - 'Fundamentals of Library Management' of 2 credits in Semester III. VAC (Value Added Course) in Semester III of 2 credits was removed as minimum credits suggested by new UGC guidelines is 6 and students would cover 6 credits in these Programmes. Summer Internship in Semester III of 4 credits was removed as maximum credits suggested in new UGC guidelines is 4 (The current curriculum had 8 credits). The students would now cover 4 credits of Summer Internship in Semester V. Mini Project of 2 credits was removed from BBA Semester IV. Workshop of 2 credits was removed from BBA Semester VI. BBA Semester VI Research Project of 5 credits has been removed. VAC offered by SOM in Semester III (Management Lessons from Indian Scriptures (VAM2301) of 2 credits) was removed from the list of VAC courses and would not be offered by SOM. AEC (Ability Enhancement Course) of 2 credits 'Written Communication' (AEL2201) was not to be offered by the School of Liberal Studies. Hence, a new course on 'Contemporary Issues in Management' (AEM2201, 0-2-0) was decided to be introduced by SOM in BBA Semester II. Overall credits of BBA/ BCom (2023-2026) batch were reduced from 140 to 125.

c) For the MBA (2022-24) batch, the VAC course offered in Semester III of MBA was moved to Semester IV. A new course on 'Professional Ethics' was proposed to be introduced as a VAC course (VAM4401, 0-2-0).

d) For all the MBA (2023-25) batches including working professional and Business Analytics with SAS, Professional Ethics (VAL4201, 0-2-0) offered by School of Liberal Studies as Value Added Course to the PG Programmes was decided not to be offered because students have already read 'Ethics' in their functional areas of different courses. Thus, 2 credits of VAC in MBA BA Semester II, MBA BA for WP Semester II and MBA for WP Semester II were removed. Further, SEC (Skill Enhancement Course)

offered in Semester II of MBA, MBA BA, MBA for WP, MBA BA for WP was introduced by SOM of 2 credits, i.e., Office Automation (SEM4201, 0-2-0). Workshop (MGM4281) of 1 credit was removed in Semester II for MBA and MBA for Working Professional Programmes. VAC (Value Added Course) of 2 credits was removed from MBA Semester III. Overall, total credits of MBA and MBA for Working Professionals had been revised from 100 to 97. Total credits of MBA Business Analytics with SAS and MBA Business Analytics with SAS for working professionals had been revised from 100 to 98.

e) It was decided that BBA and B. Com would have the duration of 4 years (as per NEP 2020) with effect from Academic Year 2024-25 to confer Honours degree, but with an exit option after 3 years.

ACADEMIC COUNCIL

During the session two Academic Council meetings were held:

48th MEETING OF THE ACADEMIC COUNCIL - November 2, 2023

The 48th Academic Council meeting began with a welcome and apologies for absences. The Hon'ble President, Prof. (Dr.) M.K. Vajpayee, discussed key initiatives, including technology integration, NEP 2020 implementation, research promotion, and NAAC preparedness. The council confirmed the previous meeting's minutes, reviewed completed actions, and approved recommendations from the Schools of Management, Engineering, and Liberal Studies, with a few exceptions. Examination results, adjunct professorships, and details for the tenth convocation were also approved. Additionally, reports on placements, HR changes, admissions, and library renovations were presented, and PhD advisors for the School of Management were appointed. The meeting concluded with a vote of thanks.

49th MEETING OF THE ACADEMIC COUNCIL - February 1, 2024

The 49th Academic Council meeting began with a welcome and acknowledgment of absentees. The Hon'ble President, Prof. (Dr.) M.K. Vajpayee, outlined his vision for the university's progress, emphasizing research, innovation, NEP 2020 implementation, and staff welfare. The council confirmed the minutes of the previous meeting and approved recommendations from the School of Management, including significant revisions to the BBA, B.Com, and MBA Programmes as per NEP 2020 guidelines. The council also approved changes in various engineering and liberal studies Programmes, PhD advisor appointments, and examination results. Additionally, new policies on consultancies, honorariums, and the DSc/DLitt programme were approved. Updates on placements, admissions, and library status were presented, along with new proposals for the 2024-25 academic year. The meeting concluded with a vote of thanks.

BOARD OF MANAGEMENT

During the session three Board of Management meetings were held on:

30th MEETING OF THE BOARD OF MANAGEMENT - July 21, 2023

The Chairperson welcomed the Board of Management and Advisory Council members. Apologies from absent members were noted. The minutes of the previous meeting were confirmed. Prof. (Dr.) Padmakali presented a report on SPSU's ongoing progress, highlighting the university's development, technology integration, industry partnerships, and significant activities. A detailed financial report was reviewed and approved. New faculty appointments and resignations were noted. The establishment of the SPSU Training Academy and Research Centre (STAR Program) was discussed and appreciated. The proceedings of the 47th Academic Council meeting were approved. The meeting concluded with the announcement of the formation of a new board and a vote of thanks to the chairperson.

31st MEETING OF THE BOARD OF MANAGEMENT - November 20, 2023

The Chairperson welcomed the members and noted apologies from absentees. The minutes of the previous meeting were confirmed. The Board reviewed and approved the actions taken on prior matters, with members highlighting the importance of skill enhancement, industry engagement, practical learning, and new Programmes. Prof. (Dr.) M.K. Vajpayee reported on SPSU's recent achievements, including university rankings, 100% placement, global research initiatives, and new faculty appointments. The financial report for FY 2023-24 was presented and approved, with recommendations for more robust budget planning. Examination results for the 2022-23 academic session were approved, and degrees and medals for the upcoming convocation were confirmed. A Search Committee was established to appoint a new President, following UGC guidelines. The meeting concluded with a vote of thanks to the Chairperson.

32nd MEETING OF THE BOARD OF MANAGEMENT - May 22, 2024

The Chairperson welcomed the Board members, and apologies from absentees were noted. The minutes of the previous meeting were confirmed. The Board expressed satisfaction with the appointment of Prof. (Dr.) Prithvi Yadav as the new President and reviewed the university's ongoing progress. The financial report for FY 2023-24 and the proposed budget for FY 2024-25 were approved. The Board also reviewed new appointments, resignations, and approved the revised seat intake for the 2024-25 academic year, along with the fee structure and scholarships. The recommendations from the 49th Academic Council meeting, including course credit revisions and examination results, were approved. The meeting concluded with a vote of thanks to the Chairperson.

1.3 INTERNAL QUALITY ASSURANCE CELL (IQAC)

The main objective of IQAC is to develop a system for conscious, consistent, transformation in the university's overall performance on all fronts. It plays a significant role in driving and guiding quality enhancement by implementing well-planned strategies for continuous improvement.

The IQAC has been involved in preparing many reports highlighting the activities of the College, capacity-building programmes, and interaction sessions for both teaching and non-teaching staff. The IQAC, through its activities, has been an agent of change in the Institution, ensuring efficient performance of academic and administrative tasks.

The primary objectives of IQAC are:
- To provide a platform for the university's growth in terms of research outcomes, focus on affordable, quality technical education to students from all the economic strata.
- To achieve student development through the institutionalization of best practices at all fronts

STRATEGIES
IQAC shall evolve mechanisms and procedures for
- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- Relevant and quality academic/ research programmes in accordance with the NEP 2020 framework
- Equitable access to and affordability of academic programmes for various sections of society
- Optimization and integration of modem methods of teaching and learning
- The credibility of assessment and evaluation processes
- Ensuring the adequacy, maintenance and proper allocation of support structure and services.
- Sharing of research findings and networking with other institutions.

FUNCTIONS

Some of the functions expected of the IQAC are:

- Development and application of quality benchmarks
- Discussion on infrastructure upgradation
- Parameters for various academic and administrative activities of the institution
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning processes
- Collection and analysis of feedback from all stakeholders on quality-related institutional processes
- Dissemination of information on various quality parameters to all stakeholders
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes/activities leading to quality improvement.
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices
- Periodical conduct of Academic audit and its follow-up

BENEFITS

IQAC will facilitate / contribute to:

- Enhance quality institutional functioning
- Incorporate quality culture
- Manifest and coordinate various activities of the institution and systemize all good practices
- Provide a strong base for decision-making to upgrade institutional functioning
- Build efficient documentation and internal communication

RECENT ACTIVITIES OF IQAC

- Preparation and submission of AQAR
- Preparation of calendar of events
- Participation of SPSU in National Level Ranking Frameworks including Best B-School Survey 2024
- Guidance to prepare course delivery plan and activity-based learning
- Conducted a Workshop - OBE implementation on ERP. Resource Person - Dr. Anand Bhaskar, Associate Professor & Department of ECE, SPSU. May 15, 2024
- Taken Initiative for the establishment of a rooftop Rainwater Harvesting System as a PILOT project

1.4 UNIVERSITY LIBRARY

The SPSU Central Library supports the teaching and research activities of the University by facilitating the acquisition, organization and dissemination of knowledge resources. It is fully automated and has a collection of latest and most up-to-date resources which include books, journals, CDs/DVDs, online archives, theses, etc. The collection pertains to various fields of engineering, management and allied subjects. Library services are open to all library users. Library hours are 09:30 am to 07:00 pm and during examinations the library is open on Saturday and Sunday: 09:30 am to 05:30 pm. Library is fully automated with ERP-Software.

LIBRARY SERVICES

The following services are provided in the library:

(a) **Circulation -** The Circulation Section maintains a record of the issues, renewals, and return of books. Each student is entitled to borrow 4 books for 14 days only. Faculty members are allowed to issue 10 books at a time for one month.

(b) **Reference Service** - The reference section of the library contains the books, and other reference materials that can help the library users to get quick reference materials.

(c) **Overnight issue facilities** - The library has overnight issue facilities of old magazines, CD/DVD. During the examination period, students are allowed to issue one book overnight in addition to their regular issue facility.

(d) **Photocopying Services** - There is a photocopy machine outside the library. Library users can take photocopies on payment basis.

(e) **Library OPAC** - https://spsu.servergi.com:8071/OPACSPSU/#/search/basic

(f) **Digital Library** - The Digital Library consists of 24 thin client systems with internet connections. Online resources are accessible.

Library has taken the initiative to update the profile of faculty members in IRINS-INFLIBNET portal. https://spsu.irins.org/

TOTAL LIBRARY COLLECTION

Total Nos. of Books	15008
Total Nos. of Title	6550
Total CDs/VCDs/DVDs (Received along with Books and magazines)	897
Journals and magazines (print)	51 (Journals - 44 & Magazines - 7)
Journals and magazines (online)	32
DELNET Database Subscription	https://delnet.in/
Newspaper	6
Ph.D thesis (awarded) uploaded on Shodhganga-Inflibnet portal	77

1.5 INFORMATION TECHNOLOGY SERVICES (ITS)

The primary goal of the Information Technology Services (ITS) Department is to provide comprehensive IT services to students, faculty, staff, and residents on campus. ITS oversees the entire SPSU network, including network infrastructure, devices, peripherals, computer laboratories, and the digital library. All services are centrally managed from the server room located in the LAB block of the University. The ITS team is also responsible for designing and maintaining the SPSU domain and website (www.spsu.ac.in), ensuring it delivers the latest information about the University.

Some achievements/highlights of ITS in the 2023-24 session are as follows:

- Optimization of Network/IT infrastructure
- Wi-Fi installation done in BH-2, BH-3 & GH-2
- BYOD Computer Lab Networking

The **procurements** made during the 2023-24 year are as follows:

HARDWARE

S. No.	Description and Specification	Qty
1	D-Link DGS-F1018P-E PoE gigabit Switch	3
2	WIFI Devices 1200 NPTech 042023	1
3	LaserJet Cartridge 925	1
4	TP-Link Wireless N Router TL-WR845N S.No: 222A1E7003508, 222A166003377,222B4Y1004421, 222B441001139, 22351J6009753	5
5	Dynamic 15U Wall Mount Rack 775X570X600 MM with power Spick, Cable Manager	2
6	UTP 48 Port Patch Panel CAT6 Make: D-Link	2
7	UTP IO Keystone Jack CAT6 Make: D-Link	170
8	Face Plate	170
9	Wall Mount Box	170
10	Wire Spring	1
11	Bosch Rotary Hammer Dill GBH-220 with Drill bits: HDC6110, HDC8160, HDC12460, HDC12310, HDC10160	1
12	D-Link DGS-F1018P-E PoE gigabit Switch	3

13	CISCO Switch CBS220-48T-4G-IN 5YR Limited Lifetime Warranty S.No: DNI26480B7E,DNI26480B57, DNI26420270,DNI2642026W	4
14	SFP Modules GLC-SX-MMD: Multimode Fiber 1G SFP Module 1 Yr Limited Warranty S.No: FNS15310X3F,FNS15450NPS,FNS15311605,FNS15450NPS	4
15	CISCO Switch C9300X-24Y-A S.No: SFOC2734Y5LN, C9300X-NM: SFOC27265FYH	1
16	PWR-C1715 Power Supply WAC-P	2
17	Power Cable	2
18	STACK T1 3 MTR Stacking Cable	1
19	Stack Power Cable 150 CM	1
20	C9300X-DNA LIC	36 Months
21	CON - SNT - C9300XYA	36 Months

SOFTWARE

Name of the Software	Type of Licence
Microsoft Cloud Education Learning Campus Agreement	Yearly Subscription
Adobe Systems Software Creative Cloud All Apps 100GB	1 Year Subscription
Site Ground Hosting	2 Years Subscription
Zoom Workplace Pro Annual subscription with 500 Participants meeting	1 Year Subscription

FUTURE PLANS

- WiFi installation in the BH-4, GH-1, GH-3, Studio Apartment
- Camera Surveillance phase II includes: BH-2, BH-3, BH-4, and Studio Apartments
- Emphasis on Servers/Application virtualization:
- Redesign and installation of virtual machines and backup domain controller in the
- servers, moving some of the SPSU ERP systems to cloud
- Creation of L3 switch as a load balancer to provide network redundancy
- Creation of complete ERP system implementation
- Installation of complete surveillance system in the University

1.6 SPSU ALUMNI ASSOCIATION

Sir Padampat Singhania University Alumni Society was registered on April 6, 2022 with the Registration No. COOP/2021/UDAIPUR/201656 under the Rajasthan Societies Registration Act, 1958. There are certain numbers of elected faculty members and non-teaching staff from SPSU with their respective responsibility and designation in this registered society. There are elected student members in this society at the time of formation (who joined with their respective AADHAR IDs). The structure of this registered society is being reorganized and shall be updated very soon from the concerned associated Department in the Collectorate Division of Udaipur City. The number of the present registered alumnus is 725.These alumni will extend their help in Placements Activities, Incubation and Entrepreneurial Works as well as Admission Procedure. The elected faculty members and non - teaching staff are as follows.

1. Dr. Amrit Ghosh, Chairman

2. Dr. Harish Tiwari, Vice Chairman

3. Dr. Manish Dadhich, Secretary & Treasurer

4. Dr. Chandani Joshi, Joint Treasurer

5. Mr. Aman Jain, Joint Treasurer

6. Prof. Suneel Gupta, Director Member

7. Dr. Prithvi Singh, Director Member

8. Mr. Mukesh Mishra, Director Member

On August 28, 2024 this society executed an online process for New SAN (Sanstha Aadhar Number) and the SAN is 1067300000000061 which is registered under the Department of Statistics, Directorate of Economics & Statistics, Jaipur, Rajasthan and under this scheme, the registered society of SPSU ALUMNI, i.e. SPSU ALUMNI SOCIETY (REGD.) can do the work of an NGO.

1.7 VISITS OF DIGNITARIES

S.No.	Dignitaries Visited	Affiliation	Visited for	Date of Visit
1	Mr. Puneet Sharma Chief Planning Officer	Nagar Nigam, Udaipur	Smart India Hackathon Prelims	September 27, 2023
2	Mr. Jayesh Sharma Director	i-Diary IT Solutions Pvt. Ltd.		
3	Dr. Yogesh K Meena	IIT Gandhinagar		
4	Prof. O P Vyas	IIIT-Allahabad	International Faculty Development programme (IGRP 24)	March 14, 2024
5	Dr. Karan Nathwani	IIT Jammu		March 15, 2024
6	Mr. Kshitiz Verma	JKLU, Jaipur		March 16, 2024
7	Dr. Govind L Kumawat	IIM Udaipur		March 16, 2024
8	Prof. Rahamatullah Khondoker	THM University of Applied Sciences, Germany		March 17, 2024
9	Dr. Kanwar S Nalwa	IIT Kanpur		March 18, 2024
10	Mr. Vinay K Yadav	VISRON Pvt. Ltd. Rajasthan	Session on advancements in Drone Technology	April 25, 2024
11	Ms. Nidhi Sharma and Mr. Rajat Agarwal	RedHat Academy and GRRAS Pvt. Ltd., Jaipur	Session on Linux Operating System & awareness about Global Certification on RedHat Platform	May 10, 2024
13	Ms. Charu Jain	Xebia	Session on Advancements in AI and ML	June 12-13 2024

18

2.0 PROGRAMMES OFFERED

INTRODUCTION

As part of its commitment to excellence in education, Sir Padampat Singhania University (SPSU) has aligned its academic framework with the National Education Policy 2020 (NEP 2020), introduced by the Ministry of Human Resource Development, Government of India. Starting from the academic year 2023-24, the curriculum for all undergraduate (UG) and postgraduate (PG) programmes across the School of Engineering, School of Management, and School of Liberal Studies have been redesigned to meet NEP 2020's recommendations for higher education. This redesigning applies to batches admitted in the 2022-23 academic year.

KEY OBJECTIVES OF SPSU'S ACADEMIC FRAMEWORK (2023 CURRICULUM):

- Equip students with industry-ready skills through a multidisciplinary and application-oriented approach
- Empower students to pursue their interests by allowing them to select courses aligned with their strengths
- Foster creativity and innovation through a broad array of course offerings

The courses in each semester are structured into the following categories:

1. Major Core Courses
2. Minor Courses
3. Multidisciplinary Courses (MDC)
4. Ability Enhancement Courses (AEC)
5. Skill Development Courses (SEC)
6. Value-Added Courses (VAC)
7. Summer Internship
8. Research Project/Dissertation
9. Discipline-Specific Elective Courses

The curriculum meets the minimum credit requirements as recommended by NEP 2020. In the Minor category, students can select tracks from various departments, while MDC, AEC, SEC, and VAC categories offer a range of courses from which students can choose. The curriculum also emphasizes experiential learning through internships, research projects, and dissertations.

SPSU's academic framework follows the CBCS system, emphasizing flexibility, multidisciplinary studies, industry-led Programmes, holistic development, and student-centric approaches. Other features include industry integration, technology-enabled learning, blended learning, classroom sessions, workshops, seminars, certification Programmes, and assignments relevant to industry needs.

PROGRAMMES OFFERED

SCHOOL OF ENGINEERING (SoE)
SPSU offers both undergraduate and postgraduate industry-integrated programmes in the following:
- Department of Biotechnology
- Department of Civil Engineering
- Department of Computer Science and Engineering
- Department of Electronics and Communication Engineering
- Department of Electrical Engineering
- Department of Mechanical Engineering
- Department of Mining Engineering

UNDERGRADUATE PROGRAMMES
- B.Tech Civil Engineering
- B.Tech Computer Science & Engineering
- B.Tech Electronics & Communication Engineering
- B.Tech Mechanical Engineering
- B.Tech Mining Engineering

POSTGRADUATE PROGRAMMES
- M.Tech Civil Engineering (Specializations - Structural, Environment, Transportation)
- M.Tech Civil Engineering (Part-Time - Specializations - Structural, Environment, Transportation)
- M.Tech Computer Science and Engineering (Specializations - Computer Networks, Data Science)
- M.Tech Electronics and Communication Engineering (Specializations - VLSI and Embedded Systems)
- M.Tech Electrical Engineering (Specialization - Power Systems)
- M.Tech Mining Engineering (Specializations - Mine Environment, Mine Planning)

DOCTORAL PROGRAMMES

- Civil Engineering
- Mechanical Engineering
- Electronics & Communication Engineering
- Computer Science & Engineering
- Mining Engineering
- Physics
- Chemistry
- Mathematics

SCHOOL OF MANAGEMENT (SoM)

SPSU's School of Management offers industry-integrated BBA and MBA programmes. New programmes introduced for 2022-23 and 2023-24 include:

UNDERGRADUATE PROGRAMMES

- BBA (Specializations - Hospitality, Tourism, Digital Marketing)
- B.Com Honours

POSTGRADUATE PROGRAMMES

- MBA (Specializations - Finance, HR, IT, Marketing)
- MBA - Business Analytics
- MBA for Working Professionals (Specializations - Finance, HR, IT, Marketing)
- MBA - Business Analytics for Working Professionals

DOCTORAL PROGRAMMES

Ph.D. in Management

SCHOOL OF LIBERAL STUDIES

The School of Liberal Studies introduced new programmes in 2023-24, emphasizing multidisciplinary and technology-driven education.

UNDERGRADUATE PROGRAMMES

- BCA (Specializations - Data Science, AI/ML)
- Bachelor of Design (Specializations - UX Design, Game Design & Animation)

POSTGRADUATE PROGRAMMES

MCA

2.1 ADMISSIONS 2023-24

Program wise Admissions - 2023-24 (Total Intake 522)
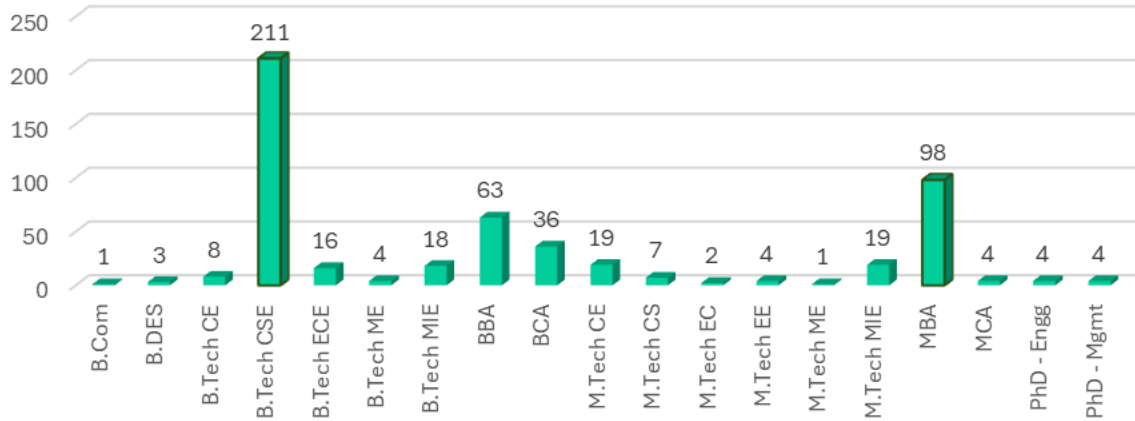
Program	Admissions
B.Com	1
B.DES	3
B.Tech CE	8
B.Tech CSE	211
B.Tech ECE	16
B.Tech ME	4
B.Tech MIE	18
BBA	63
BCA	36
M.Tech CE	19
M.Tech CS	7
M.Tech EC	2
M.Tech EE	4
M.Tech ME	1
M.Tech MIE	19
MBA	98
MCA	4
PhD - Engg	4
PhD - Mgmt	4

Stream-wise last Qualification of Admitted Students - Engineering

Program	Science
B.DES	3
B.Tech CE	8
B.Tech CS (AIML)	127
B.Tech CS (Core)	84
B.Tech ECE	16
B.Tech ME	4
B.Tech MIE	18
BCA	1, 35
MCA	4
M.Tech	52
PhD - Engg	4

■ Arts ■ Commerce ■ Mgmt ■ Science
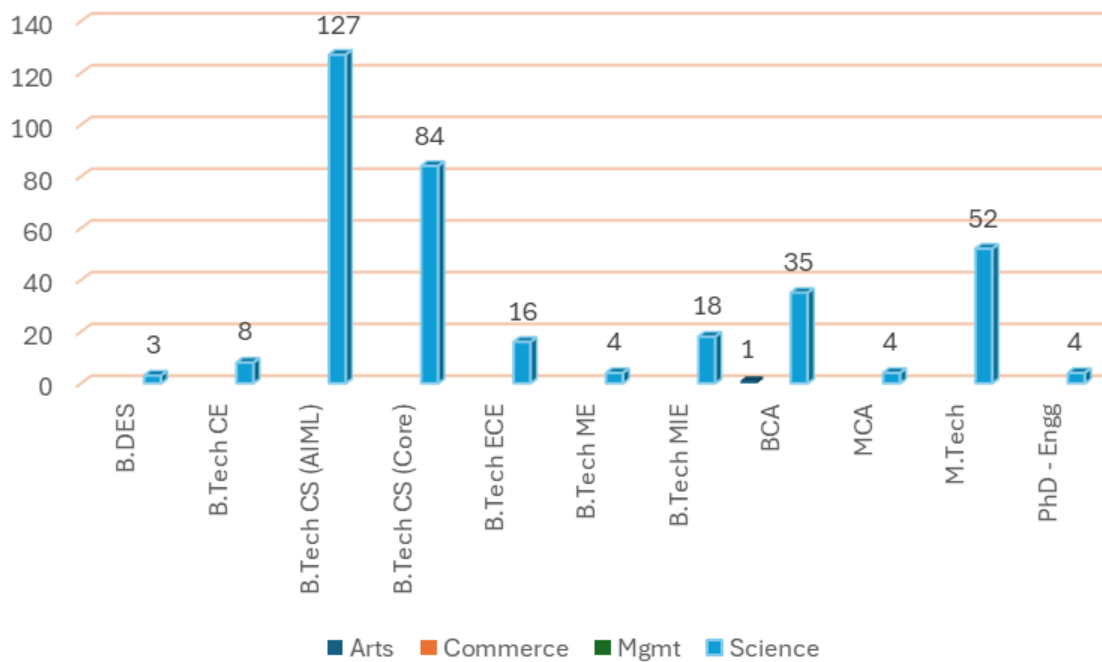
Stream-wise last Qualification of Admitted Students - Management
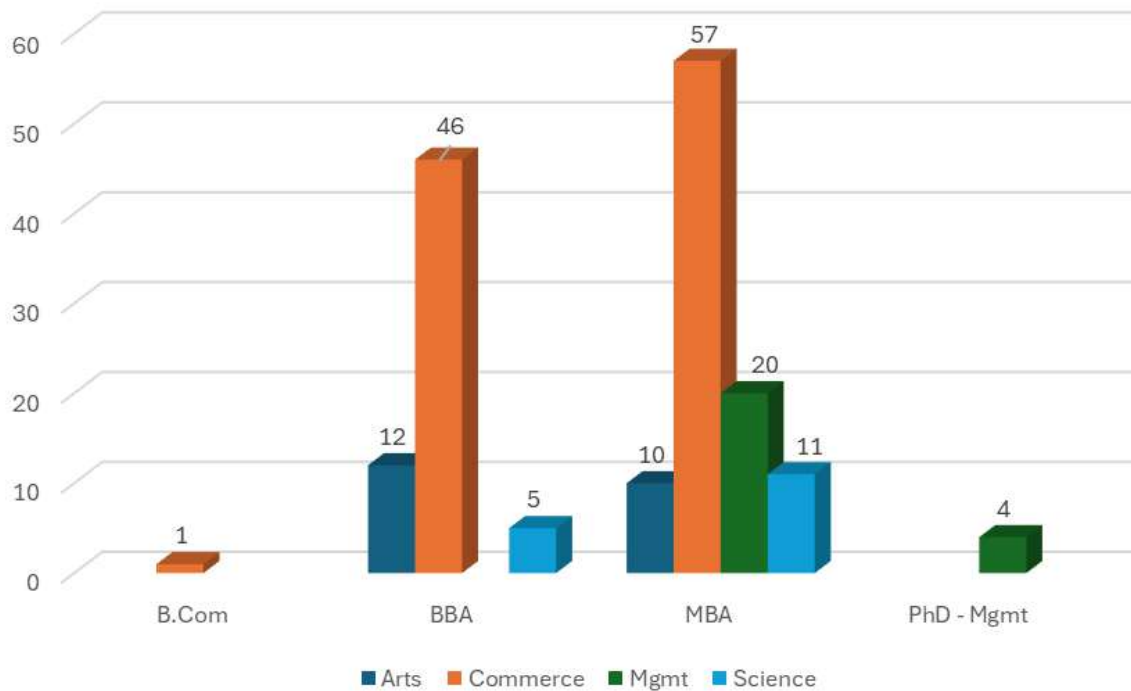
Stream-wise last Qualification of Admitted Students - Engineering
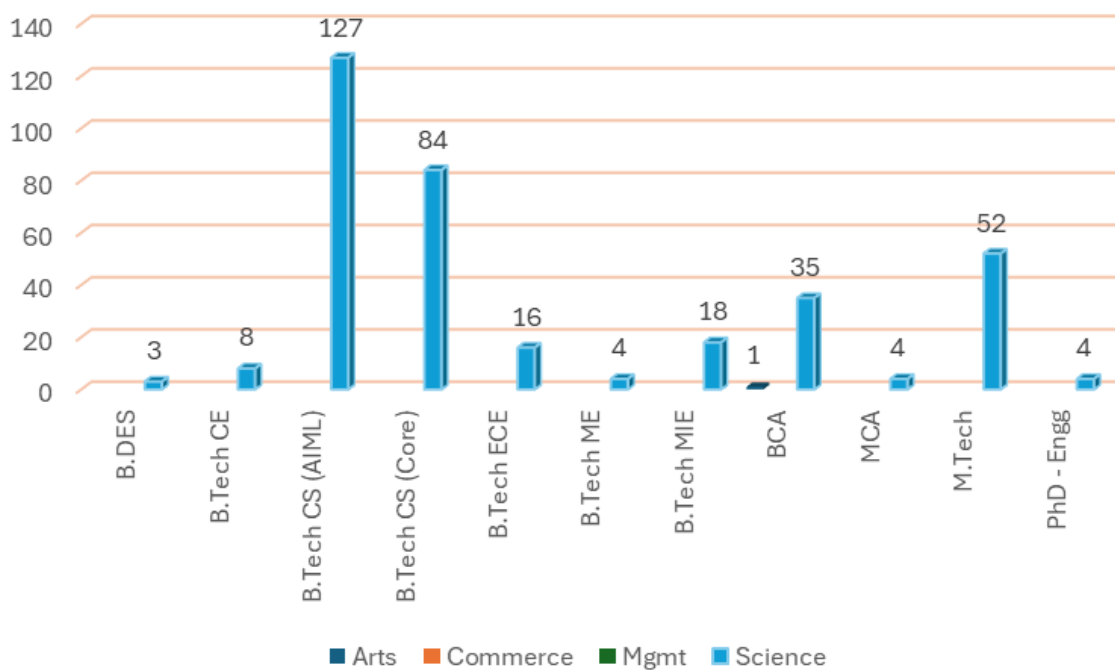
2.2 OUTREACH ACTIVITIES

INTRODUCTION

With a steadfast commitment to empowering the educational ecosystem in Udaipur and beyond, SPSU has been actively conducting various outreach initiatives aimed at enriching the local educational landscape. These activities, led by the Outreach Manager Mr. D.K. Gupta, emphasize skill development, career advancement, teacher capacity building, leadership development, and SDG awareness.

Career Clubs in Schools: SPSU has established Career Clubs in fifteen schools, providing ongoing support for skill development and career advancement throughout the academic year. These clubs serve as vital resources for students, offering guidance and opportunities to explore various career paths. Some of the schools are Alok Sr. Sec.

L. K. Singhania Education Centre, Gotan

School, Udaipur, St. Anthony's Sr. Sec. School, Udaipur, L. K. Singhania Education Centre, Gotan, St. Paul's Sr. Sec. School, Udaipur, PM Shree Kendriya Vidyalaya No. 2, Udaipur.

Campus Visits: To enhance career awareness, SPSU organized campus visits for 520 Grade 12 students, accompanied by Career Enrichment Workshops designed to help them in making informed career choices. These workshops aimed at providing practical insights and focused on interactive sessions with professionals. Students from St. Mathews School, Udaipur, B. N. Public School, Udaipur, L. K. Singhania Public School, Nimbahera, Jawahar Navodaya Vidyalaya, Mavli.

PM Shree Kendriya Vidyalaya No. 2, Udaipur

Capacity Building Workshop: SPSU conducted Capacity Building Workshops for 583 teachers from 12 schools focusing on enhancing their pedagogical skills and subject matter expertise. These workshops equipped the teachers with innovative teaching strategies and nurtured a collaborative environment for sharing best practices as per NEP-2020 guidelines.

Maharana Mewar Public School, Udaipur

Leadership Development: The university hosted Leadership Development Workshops for 150 School Leaders of 15 schools emphasizing effective school management and strategic planning. Through these sessions, SPSU aimed to nurture visionary leaders capable of inspiring transformative change within their institutions

150 Leaders of 15 schools in the Leadership Development Workshop

SDG Workshops: SPSU conducted SDG workshops in 10 schools, aligning with the UN's 2030 Agenda, raising awareness among 2,000 students and educators on sustainable development and responsible practices.

The outreach activities enhanced career readiness for 2,500 students, improved teaching methods for more than 200 educators and strengthened leadership among 150 school leaders. Partnerships with 40 schools and local stakeholders promoted awareness and boosted admissions. A consultancy project with Jawahar Navodaya Vidyalaya further deepened community engagement.

2.3 ACADEMIC CALENDAR

Academic Calendar for Even Semester

Academic Calendar - Even Semester 2023-24
For Odd Semester - II, IV, VI & VIII (January-June 2024)

		II , IV, VI & VIII (UG-PG)
Even Semester Commencement (Jan - June 2024)		03-Jan-24
Total Number of Weeks		17
Odd Semester Commencment (July - Dec 2024)		15-Jul-24
MONTHS/WEEKS	**ACTIVITIES/EVENTS**	**DAY / DATE**
Jan-24	Total Nos. of Teaching days	23
	HOLIDAY (Guru Gobind Singh Jayanti)	**Wednesday, January 17**
	HOLIDAY (Republic Day)	**Friday, January 26**
Feb-24	Total Nos. of Teaching days	25
Mar-24	Total Nos. of Teaching days	23
	HOLIDAY-Mahashivratri	**Friday, March 8**
	Mid Term Examination (Sessional), Regular Classes will be held as per time table	**11 - 15 March**
	HOLIDAY (Holika Dahan)	**Sunday, March 24**
	HOLIDAY (Dhulandi)	**Monday, March 25**
	HOLIDAY (Good Friday)	**Wednesday, March 29**
Apr-24	Total Nos. of Teaching days	22
	HOLIDAY Eid-Ul-Fitr (Ramzan Id)	**Thursday, April 11**
	HOLIDAY (Ambedkar Jayanti)	**Sunday, April 14**
	HOLIDAY (Ram Navami)	**Wednesday, April 17**
	HOLIDAY (Mahavir Jayanti)	**Sunday, April 21**
	Last Teaching Day	**Saturday, April 27**
	End Term Practical Examinations	**Monday, April 29**
May-24	Total Nos. of Teaching days	
	End Term Theory Examinations	**Monday, May 06**
	End Term Exam Result	**Friday, May 31**
Jun-24	Total Nos. of Teaching days	
	HOLIDAY (Maharana Pratap Jayanti)	**Sunday, June 09**
	HOLIDAY (Eid ul Adha/ Eid ul Juha)	**Monday, June 17**
Jul-24	**Registration & Commencement of Odd Semester 2024**	**Monday, July 15**
Even Sem	**Total Nos. of Teaching days**	**93**

Academic Calendar for Odd Semester

Academic Calendar - Odd Semester 2023
For Odd Semester - I , III, V & VII (July 2023 - Jan 2024)

MONTHS/WEEKS	ACTIVITIES/EVENTS	III, V & VII Sem (UG-PG)	I Sem (UG-PG)
	Odd Semester Commencment (July 2023- Jan 2024)	18-Jul-23	24-Jul-23
	Even Semester Commencement (Jan – July 2024)	3-Jan-24	3-Jan-24
		DAY / DATE	
Jul-23	HOLIDAY-Hariyali Amavasya	Monday, July 17	
	HOLIDAY-Muharram	Saturday, July 29	
	Orientation & Induction- SANGYAN 2023	Tuesday, July 18	July 24-28
Aug-23	HOLIDAY-Independence Day	Tuesday, August 15	
	HOLIDAY-Raksha Bandhan	Wednesday, August 30	
Sep-23	HOLIDAY-Janamashtami	Thursday, September 7	
	Engineer's Day: Yadupati Singhania Memorial Lecture	Friday, September 15	
	Mid Term Examination, Regular Classes will be held as per time table	September 18 - 22	-
	HOLIDAY-Ramdev Jayanti	Monday, September 25	
	HOLIDAY-Milad un-Nabi	Thursday, September 28	
	Sports Meet- UMANG 2023	Friday, September 29	
Oct-23	HOLIDAY-Mahatma Gandhi Jayanti	Monday, October 2	
	Mid Term Examination, Regular Classes will be held as per time table	-	October 3 - 6
	HOLIDAY-Navratra Sthapna	Sunday, October 15	
	HOLIDAY-Dussehra Break	October 23-24	
Nov-23	HOLIDAY-Diwali Break	November 13-18	
	Last Teaching Day	Monday, November 20	-
	End Term Practical Examinations	Tuesday, November 21	-
	HOLIDAY-Guru Nanak Jayanti	Monday, November 27	
	End Term Theory Examinations	Tuesday, November 28	-
Dec-23	Last Teaching Day	-	Monday, December 4
	End Term Practical Examinations	-	Tuesday, December 5
	End Term Theory Examinations	-	Monday, December 11
	End Term Exam Result	Friday, December 22	Friday, January 5
	HOLIDAY-Christmas	Monday, December 25	
	HOLIDAY-Winter Break	December 26 - 31	
Jan-24	HOLIDAY-Winter Break	January 1-2	
	Registration & Commencement of Even Semester 2024	Wednesday, January 3	

Dr. Bhavana Adhikari
Dean Academics

2.4 THE TENTH CONVOCATION CEREMONY

The Tenth Convocation of Sir Padampat Singhania University for the graduating batches of 2023 was held on Monday, November 20, 2023 with great grandeur and fanfare. Prof. (Dr.) M.K. Vajpayee, President, SPSU welcomed Honourable Chairperson Dr. Nidhipati Singhania, distinguished guest Mrs. Vidhi Singhania, Chairperson - LK Singhania Education Center, Dr. Raghavpat Singhania, Managing Director, JK Cement, Mr. Ajay Saraogi, Deputy Managing Director and CFO JK Cement, Col. Sanjay Sinha, Head of Education, Education Vertical, JK Cement, Mr. Amit Kothari, Group President Strategy, JK Cement, Shri. Mangal Dev, Head, Hitachi Railway Systems, Business India and South Asia and Dr. Ashok Khosla, Chairman, Taralife Sustainability Solutions Pvt. Ltd. The Guests of Honour were Shri. Nitin Mukesh, celebrated playback singer, Mr. Sudhanshu Mani, Creator of Vande Bharat Train, Ms. Mithali Raj Ace Cricketer, Mr. Mukesh S Bhatt, renowned actor and theatre artist and Mr. Anil Kejriwal distinguished scientist and venture capitalist. They were also conferred with Honoris Causa for the significant contribution in their respective fields.

The President's address in the convocation highlighted the strategic industry-academia partnerships, international collaborations, University ranking, research and Centers of Excellence. He also briefed the august gathering about the various prominent events of the University like the fourth YP Singhania Memorial lecture, Panache- the Annual Techno Cultural Management Fest, Sangyaan - The Orientation Programme and other major accomplishments of the University.

The students from School of Engineering and Management were awarded the degrees. S Gnana Varshine, B.Tech (ECE) was awarded the Chairperson's Gold Medal. The President's Medal were awarded to S Gnana Varshine B.Tech (ECE), Yashpriyadeep Katta B.Tech (CSE), Mamuru Deepika Reddy B.Tech (ME), Ruchi Doshi (M.Tech) and Manjot Kaur Bhatia (MBA). The Sushila Singhania Scholarship of 100% tuition fee waiver was awarded to Yashpriyadeep Katta B.Tech (CSE).

Miltai Raj receiving the prestigious Honoris Causa

Board of Management and the dignitaries

2.5 GRADUATION DETAILS 2023 - 24

Details of the students graduated in the academic year 2023-24 are as follows:

SCHOOL OF ENGINEERING

Programme	Number of Students
B. Tech	
Biotechnology	1
Civil Engineering	1
Computer Science and Engineering	19
Electronics and Communication Engineering	3
Mechanical Engineering	5
Mining Engineering	2
Total	31

Programme	Number of Students
M Tech	
Civil Engineering	22
Computer Science & Engineering	3
Electrical Engineering	1
Electronics & Communication Engineering	2
Mining Engineering	3
Total	31

Programme	Number of Students
Ph.D	9

SCHOOL OF MANAGEMENT

Programmes	Number of Students
BBA	21
MBA	81
Total	102

2.6 NEW ACADEMIC INITIATIVES

2.6.1 VISRON PRIVATE LIMITED

President Prof. (Dr.) Prithvi Yadav and team SPSU with Mr. Vinay Yadav

Sir Padampat Singhania University signed a Memorandum of Understanding (MoU) with Visron Private Limited to integrate drone technology into its educational curriculum. This initiative will provide students with comprehensive knowledge and skills in various technical aspects of drone technology, including GIS, designing, drone flying, and software technology related to drones. Prof. Prithvi Yadav, Vice Chancellor, SPSU, expressed his vision for this collaboration, stating, "Our goal is to empower SPSU students with in-depth knowledge and skill sets in drone technology. This agreement will open new avenues and future prospects for our students."

This partnership aims to enhance students' understanding of drone technology through workshops and curriculum courses and equip students to meet modern technological demands and excel in diverse industries. The collaboration marks a revolutionary step in SPSU's education system, offering students a competitive edge and preparing them for successful careers.

2.6.2 RED HAT ACADEMY

In a significant step towards enhancing technical education and career readiness for its students, Sir Padampat Singhania University, Udaipur (SPSU) proudly inaugurated the Red Hat Academy on May 16, 2024 This strategic collaboration with Red Hat, a global leader in open-source solutions, is geared towards equipping students with industry-relevant skills and certifications in Linux and open-source technologies. The ceremony was graced by Prof. (Dr.) Prithvi Yadav, the Honourable Vice Chancellor and President, SPSU who highlighted the importance of industry-academia collaboration in today's rapidly evolving technological landscape. He illustrated that the launch of Red Hat Academy at SPSU signifies the university's commitment to providing students with cutting-edge education and practical skills, thus enhancing their employability. Ms. Nidhi Sharma, Red Hat Coordinator and IT Head, GRRAS Solution Pvt Ltd, emphasized the global demand for open-source professionals and the pivotal role that Red Hat Academy plays in bridging the skills gap. The academy offers hands-on training, industry-

recognized certifications, and access to Red Hat's extensive resources and expertise, preparing students for the challenges of the IT industry. The event witnessed the participation of various dignitaries including Rajat Goyal, Director of GRRAS Solutions Pvt. Ltd, Prof. Prasun Chakrabarti, Dean, School of Engineering, Prof. Alok Kumar, Head, CSE, Industry Collaboration Coordinator Dr. Chandani Joshi, faculty members, industry partners and enthusiastic students.

2.6.3 L&T EduTech

Sir Padampat Singhania University, Udaipur and L&T EduTech signed MoU on May 27, 2024 to jointly run industry integrated B.Tech programmes in Mechanical Engineering, Civil Engineering, Electronics & Communication Engineering and Computer Science and

President Prof. (Dr.) Prithvi Yadav and team SPSU with Mr. Ashok Sahu and Mr. Apurva Sinha

Engineering. SPSU is the first university to launch the industry integrated engineering programmes in association with L&T EduTech in southern Rajasthan. Prof. (Dr.) Prithvi Yadav, President and Vice Chancellor SPSU, stated that this partnership would revolutionize engineering education by providing students with live industry exposure through simulated laboratories and immersive programmes. Representatives from L&T EduTech, Mr. Ashok Sahu and Mr. Apurva Sinha, emphasized that the company will offer internship support and job opportunities to students. L&T EduTech is a subsidiary of Larsen and Toubro (L&T), an Indian multinational company that operates in over 50 countries worldwide. The joint BTech programmes aim to enhance students' conceptual understanding and expose them to professional practices from an industry perspective, thereby increasing their employability and creating industry-ready talent.

2.6.4 IDEALABS FUTURE TECH VENTURES

Sir Padampat Singhania University marked a significant milestone during its International Conference on 'Navigating the Future, AI, Blockchain, and Sustainable Development in the G20 World' held on April 19-20, 2024. The conference culminated in a pivotal Memorandum of Understanding with Idealabs Future Tech Ventures, Hyderabad, to establish a 'Start-up Studio and Incubation Centre' at the university. Additionally, SPSU secured a research collaboration with the Singapore Institute of Technology, highlighting its commitment to fostering innovation and global partnerships.

2.6.5 LA TROBE UNIVERSITY, AUSTRALIA

Fostering internationalization and enriching student experience Sir Padampat Singhania University, Udaipur signed a Memorandum of Understanding (MoU) with La Trobe University, Australia on August 10, 2023. Prof. (Dr.) Padmakali Banerjee, President and Vice Chancellor, SPSU remarked that the MoU focuses on establishing a Centre of Excellence in the field of cyber security, promote interdisciplinary collaboration, serve as a knowledge hub, engage in policy and advocacy, incubate innovation, faculty and student exchange programmes, conduct outreach and community engagement. She highlighted that this landmark agreement aims to pave the way for collaborative efforts, knowledge exchange and ground-breaking research initiatives. Dr. Stacey Farraway, Deputy Vice Chancellor (Future Growth) from La Trobe University, Australia along with Mr. Mathew Johnston from the Australian High Commission highlighted the significance of Indo-Australian academic collaboration. The SPSU team worked dexterously along with Prof. Amalia Di lorio, Prof. Wenn Rahayu, Prof. Naveen Chilamkurti, Mr. Amit Malhotra, Ms Lisa Kendal from La Trobe University Australia, experts from Acumen Prof. Bhawna Kumar, Ms. Marnie Watson, Mr. Mark Taylor, and Mr. Harish Ananth to turn this unique partnership into a reality.

2.6.6 IMAGINXP

Sir Padampat Singhania University, Udaipur signed a Memorandum of Understanding with ImaginXP - leading Ed-tech organization in Future-Skills for Design, Business and Technology. The collaboration emphasizes on internationalization, gamification, start-up ecosystems, dynamic industry ready curriculum, hands on learning as the key focus areas of the teaching learning pedagogy at SPSU. Mr. Chinmoy Rajwanshi, Founder, ImaginXP signed the MoU. The University under the broad umbrella of School of Liberal Studies has launched one of the most sought after programme: B.Des in User Experience Design, Game Design and animation and Visual graphics. The programme shall cater to the needs of the industry by providing real time learning experience, interaction and live projects with the corporates and shall work on a pedagogy leading to employability.

2.6.7 INTI INTERNATIONAL UNIVERSITY, MALAYSIA

Sir Padampat Singhania University, committed to providing its students with global exposure, strengthened its international partnerships by signing an MOU with INTI International University, Malaysia, on October 4, 2023. This MoU is an initiative of the School of Management.

2.7 SWAYAM LOCAL CHAPTER

The SWAYAM NPTEL Local Chapter at Sir Padampat Singhania University was established in February 2016. The University President nominated Mr. Aman Jain, an Assistant Professor in the Department of Civil Engineering, as the Single Point of Contact (SPOC).

CHAPTER RESPONSIBILITIES

The Local Chapter has been actively raising awareness and promoting the diverse array of courses offered by SWAYAM NPTEL. The Chapter is crucial in assisting students and faculty members with enrolment and identifying suitable faculty members to serve as mentors for enrolled students.

SUPPORT AND SERVICES

One of the Local Chapter's primary responsibilities is supporting online certification exam registrations. Additionally, it facilitates the seamless implementation of the Credit Transfer Policy and Framework through the SWAYAM Portal, ensuring a smooth credit transfer process for the University's students.

SWAYAM NPTEL LOCAL CHAPTER ACHIEVEMENTS
STUDENT AND FACULTY ENGAGEMENT

A number of students and faculty across multiple departments, including Computer Science and Engineering, Electronics and Communication Engineering, Business Administration, Mining Engineering, and Commerce, actively participated in SWAYAM NPTEL courses during the Academic Year 2023-24 leading to more than 350 enrolments.

ACHIEVEMENT HIGHLIGHTS

Participants earned a total of 29 certifications during this period, with a few students achieving 'Elite' and 'Elite + Silver' certificates

ELITE + SILVER CERTIFICATE HOLDERS (Students)

Ms. Varnika Gupta (Computer Science and Engineering)
Mr. Bibek Jaishi (Electronics and Communication Engineering)
Mr. Syed Afroz Hussain (Mining Engineering)

ELITE CERTIFICATE HOLDERS (Faculty)

Dr. Ashutosh Gupta, Department of Computer Science and Engineering, earned 'Elite' certificates in "Affective Computing" and "Edge Computing."

COURSE COMPLETION AND CERTIFICATION

Students successfully completed their coursework and earned a certificate in various courses such as "AI in Marketing", "The Joy of Computing using Python", "Data Analytics with Python" and "Advances in Strategic Human Resource Management (HRM)."

RECOGNITION

Mr. Aman Jain was awarded a certificate of appreciation as an Active SPOC (January - April 2024) by the SWAYAM NPTEL Coordinator at IIT Madras for his instrumental role in managing the SWAYAM NPTEL Local Chapter at the university.

3.0 DIRECTORATE OF RESEARCH AND PUBLICATIONS AND OFFICE OF INTERNATIONAL AFFAIRS

3.1 INTRODUCTION

The Directorate of Research at the university serves as a hub for fostering innovation, advancing knowledge, and addressing global challenges through cutting-edge research. It supports and coordinates multidisciplinary research initiatives across various departments, promoting collaboration among faculty, students, and external partners. With a focus on both fundamental and applied research, the Directorate is dedicated to driving excellence, expanding the university's research capabilities, and contributing to societal progress through meaningful innovations and solutions.

3.2 RESEARCH COLLABORATIONS

Research collaborations provide immense benefits by fostering the exchange of knowledge, ideas, and resources across disciplines and institutions. They enable faculty and students to tackle complex global challenges, leverage diverse expertise, and access advanced research infrastructure. These partnerships enhance innovation, accelerate discoveries, and expand the university's research impact. By engaging in collaborative efforts, the university strengthens its reputation, attracts funding opportunities, and creates a vibrant academic community that drives progress and contributes to societal advancement. The DRP has initiated five research collaborations, namely,

- **Newcastle University, UK (Malaysia campus)**

Foreign collaborator - Dr. Anurag Sharma

SPSU collaborators - Prof. Prasun Chakrabarti and Dr. Amrit Ghosh

Topic - Artificial Intelligence and Mathematical modelling of strategic management towards environmental sustainability - Energy and Power Optimization Perspective

- **Lincoln University College, Malaysia**

Foreign collaborator - Prof. Sandeep Poddar

SPSU collaborators - Prof. Deepak Vyas, Dr. Tulika Chakrabarti, Dr. Archana Gajbhiye

Topic - Biomedical analysis of plant extracts

- **Industrial University of Ho Chi Minh City Vietnam**

Foreign collaborator -Prof Bui Thanh Hung

SPSU collaborators - Dr. Yashoverdhan Vyas, Dr. Arvind Sharma, Lt (Dr.) D S Chouhan, Prof. Alok Kumar and Dr. Chandani Joshi

Topic - Artificial Intelligence and Stochastic Modelling perspectives of human thought process

- **Asian Institute of Technology Bangkok Thailand**

Foreign collaborator - Dr. Indrajit Pal

SPSU collaborators - Dr. Avinash Ojha, Mr. Aman Jain and Dr. Lokesh Gupta

Topic - Crisis Communication and Community Resilience - A Study on Public Awareness and Preparedness for disasters in India

- **Singapore Institute of Technology Singapore**

Foreign collaborator - Dr. Sivaneasan Bala Krishnan

SPSU collaborators - Dr. Tulika Chakrabarti, Dr. Amrit Ghosh and Prof. Prasun Chakrabarti

Topic - Environmental sustainability - A green chemistry and machine learning perspective

3.3 ADJUNCT INTERNATIONAL FACULTY MEMBERS

To enhance global academic collaboration and bring diverse expertise to our students, the DRP has actively engaged three internationally renowned adjunct faculty. These distinguished scholars and professionals contribute to the academic rigor and global perspective of our programmes, enriching the learning experience through cutting-edge research, real-world insights, and innovative teaching approaches. Their presence strengthens our university's commitment to providing a world-class education and fostering international partnerships. The term of these faculty members shall be for three years from November 1, 2023 - October 31, 2026.

- Prof Martin Margala, Director - School of Computing and Informatics, University of Louisiana USA. He is associated as Honorary Adjunct Research Professor in the School of Engineering.
- Prof Bhuvan Unhelkar, Professor, Muma School of Business, University of South Florida, USA, is associated as Honorary Adjunct Research Professor in the School of Management.
- Prof Sheng Lung Peng, Professor and Director (Head), Department of Creative Technologies and Product Development, National Taipei University of Business Taiwan, is associated as Honorary Adjunct Research Professor in the School of Management.

3.4 INTERNATIONAL CONFERENCES ORGANIZED BY THE DRP

- **INTERNATIONAL RESEARCH CONVENTION 2024 - March 19, 2024**

International Research Convention 2024 (IRC 24) provided an excellent international forum for sharing knowledge and research work in multiple disciplines. About ninety-two research papers were presented in the convention. It was a platform a platform where 16 foreign professors of reputed universities along with one senior industry delegate from research oriented company as well as another senior scientist from national reputed government institute delivered keynote speeches.

The following were the keynote speakers –

(a) Prof. Rahmatullah Khondokar, THM University of Applied Sciences, Friedberg, Germany

(b) Prof. Bhuvan Unhelkar, University of South Florida, USA

(c) Prof. Sheng-Lung Peng, National Taipei University of Business, Taiwan

(d) Dr. Min Xu, Carnegie Mellon University, USA

(e) Dr. Xiaoyang Wei, The University of Nottingham (China Campus)

(f) Prof. Chinthaka Premachandra, Shibaura Institute of Technology, Japan

(g) Dr. Yonghui Wu, Fudan University, China

(h) Dr. Mohammad Nami, Canadian University Dubai, Dubai, UAE

(i) Prof. Yuanwei Liu, Queen Mary University of London, London

(j) Prof. Mark Goh, National University of Singapore, Singapore

(k) Dr. Muhammad Imran, University of Glasgow, UK

(l) Dr. Sivaneasan Bala Krishnan, Singapore Institute of Technology, Singapore

(m) Prof. Indranil SenGupta, Florida International University, USA

(n) Prof. Chin Shiuh Shieh, National Kaohsiung University of Science and Technology Taiwan

(o) Prof. Bui Thanh Hung, Industrial University of Ho Chi Minh City, Vietnam

(p) Dr. Indrajit Pal, Asian Institute of Technology, Thailand

- **INTERNATIONAL CONFERENCE ON NAVIGATING THE FUTURE: AI, BLOCKCHAIN, SUSTAINABLE DEVELOPMENT IN THE G-20 WORLD April 19-20, 2024**

In a world marked by rapid transformations, this conference serves as a compass for navigating the intricate landscapes shaped by Artificial Intelligence (AI), blockchain, and the imperatives of sustainable development within the context of the G-20 world. As we stand at the crossroads of innovation and responsibility, the conference is designed to be a convergence point for thought leaders, scholars, industry practitioners and policymakers. Together, we aim to unravel the potential synergies between AI and blockchain technologies, their impact on reshaping industries and economies, and their role in steering the course towards sustainable development goals. The G-20, representing a significant global influence, plays a pivotal role in shaping economic policies and fostering international collaboration. This conference offers a unique platform to dissect and discuss the implications of G-20 decisions on technological advancements, sustainability initiatives and the future of global work.

The following were the keynote speakers (foreign) –

(a) Prof Bernardo Nicoletti, Temple University, Rome Campus, Italy

(b) Prof Martin Margala, University of Louisiana, USA

(c) Prof Sheng-Lung Peng, National Taipei University of Business, Taiwan

(d) Dr Sivaneasan Bala Krishnan, Singapore Institute of Technology, Singapore

(e) Prof Mark Goh, National University of Singapore, Singapore

(f)   Prof Bhuvan Unhelkar, University of South Florida, USA

(g)   Prof Naveed Yasin, Canadian University Dubai UAE

(h)   Prof Chinthaka Premachandra, Shibaura Institute of Technology, Japan

(i)   Prof Tingwen Huang, Texas A&M University, Qatar campus

(j)   Dr Bui Thanh Hung, Industrial University of Ho Chi Minh City Vietnam

(k)   Dr Indrajit Pal, Asian Institute of Technology Thailand, Bangkok

(l)   Prof Sandeep Poddar, Lincoln University College Malaysia

The following were the Keynote speakers (National) –

a)   Prof Pravakar Sahoo, NITI Aayog and Institute of Economic Growth

b)   Prof Poonam Garg, IMT Ghaziabad

c)   Mr Shubham Chatterji, SAS India

Mr Pankaj Diwan, IDEALABS Future Ventures Ltd., Hyderbad was the Invited Speaker In the conference.

3.5 FACULTY DEVELOPMENT PROGRAMME

MASTERING THE ART OF CRAFTING INTERNATIONAL GRANTS AND RESEARCH PROJECT PROPOSALS - March 14-18, 2024

The primary goal of this Faculty Development Programme was to equip participants with practical insights and skills on effectively navigating the process of preparing and submitting Indian/International grants, research/consultancy project proposals. The sessions were designed to provide a step-by-step guide, emphasizing key elements and strategies essential for successful submissions.

Resource Persons –

(a)   Prof. Rahamatullah Khondoker - THM University of Applied Sciences, Germany

(b)   Prof. O.P. Vyas - Professor & Dean (Tech. & Develop.), IIIT Allahabad

(c)   Dr. Karan Nathwani, IIT Jammu

(d)   Dr. Kanwar Singh Nalwa, IIT Kanpur

(e)   Dr. Govind Singh Kumawat, IIM Udaipur

3.6 INTERNATIONAL EXPERT COLLOQUIUM SERIES

The Expert Lecture Series at the university provides a platform for students and faculty to engage with leading professionals and scholars from various fields. A total of ten lectures were organized. These lectures offer valuable insights into emerging trends, industry practices, and cutting-edge research, enriching the academic environment and broadening the knowledge base of participants.

The following is a list of lectures organized by the DRP under the International Expert Colloquium Series:

- **Self-driving cars: The Future of Travel or a Road to nowhere**

Speaker - Er. Kuldeep Singh, University of Loughborough, UK. May 30, 2024

- **Wavelet Spectrogram Analysis of Surface Waves for Soil Dynamics Characteristics**

Speaker - Prof. Sri Atmaja P. Rosyidi, Universitas Muhammadiyah Yogyakarta, Indonesia. May 29, 2024

- **An optimal portfolio analysis and machine learning**

Speaker - Prof. Indranil SenGupta, Florida International University, USA. April 30, 2024

- **Exploring the potential of nano nutraceuticals**

Speaker - Dr. Tanima Bhattacharya, Lincoln University College, Malaysia. April 29, 2024

- **Key capabilities of Leadership in digital business**

Speaker - Prof. Bhuvan Unhelkar, Muma College of Business, University of South Florida, USA. March 29, 2024

- **Sustainable Energy and Technological Advancements**

Speaker - Prof. Sandeep Poddar, Lincoln University College, Malaysia. March 28, 2024

- **Spectra of measures, tiling's and wandering vectors**

Speaker - Prof. Palle E Jorgensen, University of Iowa, USA. February 29, 2024

- **Condition monitoring of electrical assets in smart grids**

Speaker - Prof. Sivaneasan Bala Krishnan, Singapore Institute of Technology Singapore. February 14, 2024

- **A novel fusing image and text sentiment analysis approach**

Speaker - Prof. Bui Thanh Hung, Industrial University of Ho Chi Minh City, Vietnam. January 15, 2024

- **Detection of unknown DDoS Attacks**

Speaker - Prof. Chin Shiuh Shieh, National Kaohsiung University of Science and Technology, Taiwan. January 10, 2024

3.7 STUDENT INTERNATIONAL RESEARCH INTERNSHIP - December 1, 2023 - March 31, 2024 (Remote mode)

- 20 students in National Taipei University of Business Taiwan under Prof Sheng-Lung Peng
- 20 students in City University, Malaysia under Prof S B Goyal
- 17 students in Industrial University of Ho Chi Minh City, Vietam under Prof Bui Thanh Hung
- 05 students in Singapore Institute of Technology, Singapore under Prof Sivaneasan Bala Krishnan
- 20 students in National Ksohsiung University of Science and Technology, Taiwan under Prof Chin-Shiuh Shieh
- 20 students in University of South Florida, USA under Prof Bhuvan Unhelkar

4.0 STUDENT AFFAIRS

4.1 INTRODUCTION

Co-curricular activities play a pivotal role in fostering holistic development and preparing students for real-world challenges by complementing academic learning. These activities, encompassing sports, arts, community service, and other extracurricular pursuits, provide valuable opportunities for students to develop essential life skills. Through participation in co-curricular activities, students enhance attributes such as leadership, teamwork, time management, problem-solving, and communication.

At the University, all extracurricular activities are organized by twenty student-run clubs, each supervised by a faculty mentor. These clubs regularly host events and activities for their members.

STUDENT ACTIVITY CLUBS

There are **eleven** activity clubs dedicated to various sports and **nine** clubs for cultural, literary and technical activities. The following is a list of the clubs with their respective faculty coordinators -

SPORTS

1. Arena (Garners Club) - Yashoverdhan Vyas
2. Atom Club (Table Tennis) - D S Chauhan and Pankaj M Rastogi
3. Bracing Club (Kho Kho) - Archana Gajbhiye
4. Cluster Club (Volleyball) - Deepak Vyas
5. Energy Club (Football) - Aman Jain, Amrit Ghosh
6. Grand Masters Club (Carrom & Chess) - Shweta Lalwani, Arvind Singh and Manjeet S Bhullar
7. Motion Club (Cricket) - Yashoverdhan Vyas and Om Prakash Suwalka
8. Power (Club Kabaddi) - Manish Dadhich and Harish Tiwari
9. Snatchers Club (Basketball) - Anand Bhaskar, Deepak Pandey
10. Target Club (Badminton) - Lokesh Gupta
11. Track and Field Club (Athletics) - Amrit Ghosh

CULTURAL, LITERARY AND TECHNICAL CLUBS

1. Drone and Robotics Club - Anand Bhaskar and D S Chauhan
2. Elements (Writer's Club) - Shibani Banerjee
3. Entrepreneurship, Design and Development Cell - Amrit Ghosh and Shweta Lalwani
4. Flash (Photography Club) - Avinash Ojha
5. Hope (Environment Club) - Tulika Chakrabarti
6. Magnitude (Theatre Club) - Monika Anand
7. Programming Club - Chandani Joshi

8. Renewable Energy Club - Ritesh Tirole
9. Spotlight (Music and Dance Club) - Avinash Ojha and Disha Mathur

4.2 EVENTS

The student activity clubs create an enriching and vibrant campus environment. The various events organised by these clubs are as under -

GAMING TOURNAMENT - ARENA CLUB - August 26, 2023

A online gaming tournament was organised by the Arena Club. A total of 59 students registered for the event. 5 matches were played and the winner and runner up were based on the top 2 position holders of the online generated point table from the BGMI website. The winning team DEATH EATERS led by Kondra Sharath Reddy (21CS002388) and R. Yashwanth (21CS002410) were awarded a memento, medals, and a cash prize of Rs 1500. The runner-up team DARK SPIRITS led by Abhijit Tiwari (21CS002302) and Sonu (21CS002349) were awarded a memento, medals, and a cash prize of Rs 1000.

TABLE TENNIS TOURNAMENT - ATOM CLUB - April 20, 2024

The Atom Club regularly organizes singles, doubles matches at the campus. A Table Tennis tournament was organized. Eleven students participated in the tournament. The Gold Medal was awarded to Jivesh Tripathi (22MBA00220) and Raghav Joshi (21CS002339) bagged the Silver Medal.

VOLLEYBALL TOURNAMENT - CLUSTER CLUB - February 28, 2024

The club organised various inhouse events round the year. The CLIUSTER Volleyball Team participated in competitions organized by other universities and institutes. The team participated in the inter-university competition organised on April 10, 2024 and qualified to the semi-finals.

Volleyball Match

MOTION PREMIER LEAGUE - MOTION CLUB - February 27, 2024

Interuniversity Cricket Match

The Motion Club of the university organised various intra and inter-college matches during the session 2023-24 and in the final match held on Geetanjali Institute Technical Studies, Udaipur were the winners and the Pacific University were the Runner up.

INTERUNVIERSITY BASKETBALL TOURNAMENT - SNATCHERS CLUB - February 15, 2024

Warm up session before Basketball Tournament

The Basketball Girls team of the Snatchers Club showcased impressive talent and sportsmanship in basketball, securing the position of Runner-up in the Interuniversity Basketball Tournament organised by SPSU. The first position was bagged by the College of Technology and Engineering, Udaipur.

KABADDI COMPETITION - POWER CLUB - September 27, 2023

A Kabaddi competition was organized by the Power Club. Various teams across the city participated enthusiastically in the competition. The Olympus Club, Udaipur was the Winner while the Team of the Veterinary College, Navaniya bagged the Runner-up position.

FOOTBALL TOURNAMENT- ENERGY CLUB - February 28, 2024

The Energy club organised a football tournament. The tournament was won by the GR Sports Udaipur and the Team CTAE, Udaipur was the Runners up.

5 KM WALKATHON - May 18, 2024

Promoting environmental conservation and sustainable practices a 5 km Walkathon: Steps for Sustainability was organised at Fateh Sagar Lake. The event showcased SPSU's solidarity and dedication towards nurturing holistic development and endorsing sustainable ethos within its community and beyond. The Walkathon was inaugurated by Prof. (Dr.) Prithvi Yadav, the Honourable Vice Chancellor and President, SPSU. The guest of honour was Mr. Tanishq Patwa, International Kayaking player. With over 600 enthusiastic participants, including residents of the city and the members of the SPSU fraternity, the Walkathon not only advocated for sustainability but also embodied a spirit of collective action and responsibility towards our environment. The event was coordinated by Mr. Gurpreet Singh, Director Sports, Lt. Col. Neeraj Kumar, Campus Director, Dr. DS Chouhan, Deputy Dean Student Welfare and Mr. Praveen Jhala Sports Officer.

Walkathon at Fateh Sagar Lake

The Office of the **Deputy Dean, Student Welfare**, in collaboration with the Cultural, Literary, and Technical Student Activity Clubs, is dedicated to providing students with a dynamic platform to showcase their talents. By working closely with these clubs, the office has ensured that students have access to diverse opportunities for creative expression, intellectual engagement, and technical innovation. This partnership has not only nurtured student potential but also contributed to a vibrant and inclusive campus culture.

The following is the list of events:

ANANT 2024 - FAREWELL TO THE GRADUATING BATCH OF 2024 - April 23, 2024

In a splendid celebration of solidarity and achievement, Sir Padampat Singhania University bid adieu to the graduating batch of 2024 on April 23, 2024. The pre-final year students organized the farewell party for the graduating Engineering and Management batches. The President and Vice Chancellor Dr. Prithvi Yadav, Registrar, Deans and faculty members extended their heartfelt wishes for a prosperous future, filled with success and fulfilment, to the departing graduates as they embarked on their new journeys. Dressed in a traditional and dazzling attires the students transformed the ambiance into a spectacle of beauty and elegance. The students showcased their talents through scintillating dance performances and soul- stirring music. Amidst emotions ranging from elation to nostalgia, the graduating students bid farewell to their alma mater, carrying with them the spirit of resilience and creativity nurtured within its walls, determined to embark on new journeys and brighten the world with their brilliance. The event was coordinated by Dr. D.S. Chouhan, Dy Dean, Student Welfare and Dr. Archana Gajbhiye, Coordinator, Student Welfare

SUMMER SPARKLE - Office of Student Welfare - April 3, 2024

The Summer Sparkle event held at Girls Hostel - 2 was a delightful celebration of creativity and talent. The event featured two exciting Competitions, namely, Mehandi Competition, Trending Dance Competition and Musical Chair Race. Participants showcased their skills, and winners were rewarded with hampers and appreciation gifts. The event created a fun and engaging atmosphere for the hostel residents, featuring exciting activities including a Mehandi competition, trending dance performances, and a lively game of musical chairs.

ORIGAMI WORKSHOP - Shri Jayant Vasant Joshi - Office of Student Welfare - March 5, 2024

The Office of Student Welfare organised an Origami Workshop on March 5, 2024 which was a unique initiative aimed at blending art with engineering principles. Designed specifically for engineering students, the workshop was conducted by the renowned architect Shri Jayant Vasant Joshi who demonstrated the intersection of creativity and technical skills, showing how the ancient Japanese art of paper folding can inspire innovative problem-solving approaches in engineering. The workshop was divided into three main sessions: Introduction to Origami and its Engineering Applications, Hands-on Origami Folding Session, and Advanced Origami and Engineering Design Challenge. The Origami Workshop was a resounding success, providing engineering students with a new perspective on how art and engineering can intersect to create innovative solutions. The skills and concepts learned through the workshop have the potential to influence their approach to engineering problems in the future.

Origami Workshop by Shri Jayant Vasant Joshi

INTERNATIONAL WOMEN'S DAY - Office of Student Welfare and Internal Complaints Committee - March 15, 2024

The celebration of International Women's Day was a significant event that highlighted the importance of gender equality and celebrated the achievements of women. The event commenced with a welcome address by Dr. Monika Anand who emphasized the significance of International Women's Day and the need to continue advocating for womens' rights and gender equality. Dr. Archana Gajbhiye delivered an inspiring speech on the theme of the year, focusing on the progress made in women's empowerment and the challenges that still lie ahead. Several students presented speeches on topics such as Women in Leadership, Gender Equality, and The Role of Education in Women

Empowerment. The celebration also included a cultural programme showcasing the talents of the students. The students staged a skit highlighting the struggles and triumphs women in society and gave musical and dance performances celebrating womanhood and empowerment.

International Women's Day Celebration

PANACHE 2024 - THE ANNUAL SPORTS CULTURAL TECHNO MANAGEMENT FEST - February 28 - March 1, 2024

Panache 2024 showcased a diverse array of activities, catering to varied interests and passions. From intellectually stimulating technical competitions to culturally rich performances that celebrated diversity, from sports events fostering teamwork and athletics to management challenges refining leadership and organizational skills, the festival offered an enriching experience for all attendees. Students from diverse institutions citywide as Mohanlal Sukhadia University, College of Technology and Engineering, Geetanjali Institute of Technology, Pacific

Cultural performances by students and Sufi Band

University and many others participated in the event and contributed to its vibrant atmosphere. Workshops on Block Printing, Molela Terracotta, Origami Art, and many more activities conducted during the fest not only nurtured creativity but also brought

forth the best in participating students. Under the guidance of skilled instructors, participants delved into the rich traditions of these crafts, cultivating a deeper appreciation for cultural heritage. The Shark Tank Competition provided a platform for entrepreneurial minds to shine, unveiling unique and globally relevant solutions. The evenings witnessed a splendid show of vivacious dances, foot-tapping music and the Sufi Band performance. Adorned in ethnic attire, the students immersed themselves in the melodic notes, resonant cheers, and enthralling displays, infusing the festivity with an atmosphere of excitement, joy, and positivity. The event was coordinated by Dr. Deepak Vyas, Dr. Monika Anand, Dr. Shibani Banerjee and Dr. Archana Gajbhiye.

Glimpses of various events in Panache 2024

NAVANKUR: POETRY COMPETITION - Magnitude Club - February 22, 2024

Magnitude Club organized Navankur: Poetry competition on February 22, 2024 drawing a significant turnout. Judged by Dr. Deepak Pandey, Dr. Arvind Sharma, and Mr. Manjeet

Darshana Soni reciting a self-composed poetry

Singh, the event featured around 20 participants presenting their original compositions and works by renowned poets. Mahipal Singh Rao clinched the top spot, with Anmol Srivastava and Suhani Bafna as runners-up. Pradhuman Dadhich, Ashmit Gupta, and Achyut Pancholi secured second runner-up positions. Noteworthy recitations included Mr. Aman Jain's self-composed piece, Dr. Arvind Sharma's excerpt from Ramdhaari Singh Dinkar's Rashmirathi, and Dr. Monika Anand's rendition of Dwarka Prasad Maheshwari's famous poem Mann ke jeetey jeet. Dr. Deepak Pandey and Mr. Manjeet Singh motivated the students and shared some tips on poetry recitation and increasing stage presence.

GREEN RAKHI - Hope Club - February 21, 2024

Hope: The Environment Club organized the Green Rakhi event on February 21, 2024. Students and senior faculty members joined hands to tie traditional protective threads, Rakhis, to plants and trees.

They pledged to safeguard and preserve nature, recognizing the pressing need to address climate change for a healthier future. The event witnessed the presence of forty individuals, including the faculty advisor, club members, and esteemed faculty members.

Preserving Environment- Green Rakhi Celebration

INTERNATIONAL MOTHER LANGUAGE DAY CELEBRATION - Extempore Competition - Hope Club - February 21, 2024

Participants with Judges and Faculty in the International Mother Language Day Celebration

International Mother Language Day was commemorated with an Extempore Competition. The day honoured the sacrifices made during the language movement and highlighted the struggle for linguistic and cultural rights. The event, anchored by Dr. Tulika Chakrabarti, the faculty advisor of HOPE Club, saw active participation from Prof. Deepak Vyas, Prof. Monika Anand, Dr. Anand Bhaskar, Dr. Anurag Shukla, Mr. Aman Jain and students who contributed through songs, poem recitals and speeches in their respective mother languages.

Fifteen students participated in the Extempore Competition which was judged by Prof. Deepak Vyas, Dr. Anand Bhaskar and Dr. Anurag Shukla. Khushi Modi (B.Tech II year), G. Jahanvi (B.Tech I year) and Priyanshi Patwa (BBA, I year) stood at first, second and third position respectively.

ABHIVYAKTI- THE POSTER DESIGNING AND INTERPRETATION COMPETITION - Elements Club - February 15, 2024

Elements - The Writer's Club organised Abhivyakti - The Poster Designing and Interpretation competition. The Theme of the event was 'India of my Dreams'. The event provided an opportunity to creative minds to express their ideas, articulate their visions and convey

Students displaying their creativity in the Poster Designing and Interpretation Competition

impactful messages with precision and effectiveness. The participants' diverse imaginations and vivid interpretations captured the essence of a progressive and inclusive India. Their active engagement highlighted the boundless potential of creativity within the student body, embodying the spirit of university life with its blend of creativity,

enjoyment and camaraderie. Dr. Shibani Banerjee, the Faculty Advisor, guided and urged the students to leverage such platforms to excel in their future endeavours. Dr. Tulika Chakrabarti meticulously   judged the event. Dr. Sarika Singh too appreciated and motivated the students. The team consisting of Khushi Modi and Sakshi Kachchawah, Suhani Bafna and C Uday Charan, Jyoti Pandey and Wasfa Haider, Raj Aryan Soni and Harshita Maratha were adjudged at first and second and third position respectively. The student coordinators Suhani Bafna, B.Tech, II year and Manan Jain, MBA, I year efficiently coordinated the entire event.

ALUMNI GUEST LECTURE - Interview Skills - Mr. Apoorv Upadhyay - Office of Student Welfare - February 5, 2024
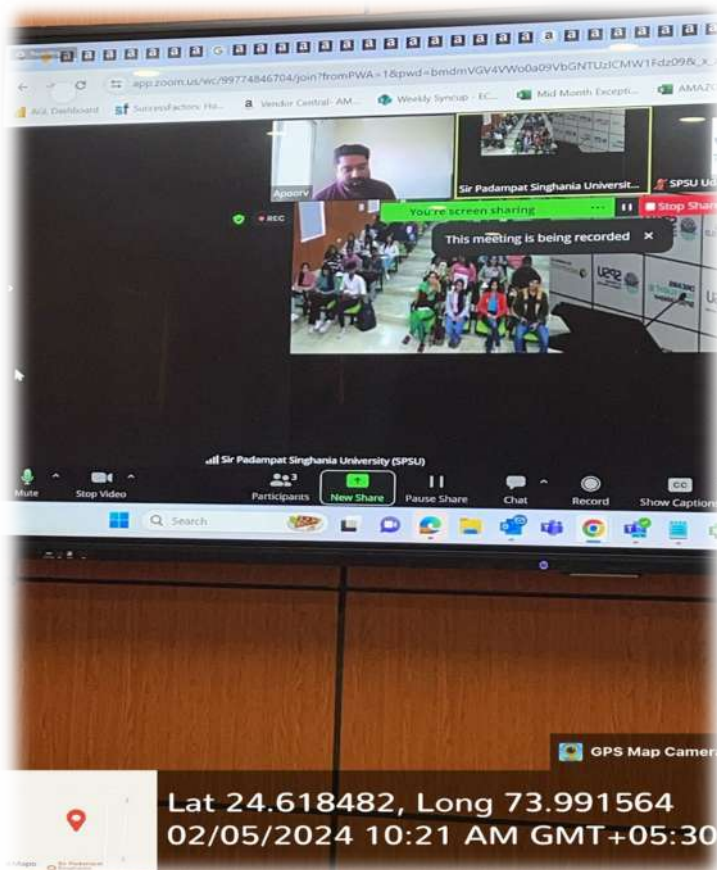
Apoorv Upadhyay delivering the online lecture

An enriching guest lecture organized via Zoom, focused on Interview Skills for Semester VI students was organized on February 5, 2024 at 9:30 am in LT-02. The speaker for this insightful session was Mr. Apoorv Upadhyay, an esteemed alumnus from the class of 2007 B.Tech ECE, currently serving as Associate Director, Tata Consumer Products Limited - Ecommerce Vertical, Bangalore. The engaging and interactive session by Mr. Upadhyay provided our students with valuable guidance on interview preparation, effective resume building, and leveraging LinkedIn for exploring new opportunities. This initiative not just was a step towards bridging the gap between academia and industry but also to offer invaluable insights and guidance from an industry perspective to our students as they prepare to embark on their professional journeys. This session also helped us engage with our alumni, encouraging them to reconnect with their alma mater, SPSU.

DENTAL CHECK-UP CAMP - in association with Bansal Dental Clinic - Office of Student Welfare - February 1, 2024

Dr. Surbhi Gandhi examining the staff during the dental check-up camp

A total of 340 students, faculty members and staff, class IV employees, residents and security personnel were checked by the dentists and advised upon in the Dental Check-up Camp organized by the university on February 1, 2024. It was heartening to see a few also seek consultation. About 20-35 students consulted the dentists only for their queries and sought their advice for better oral care and hygiene.

75th REPUBLIC DAY CELEBRATION - January 26, 2024

Unfurling of the National Flag by Students, Deans, Proctor and Registrar

Sir Padampat Singhania University, Udaipur celebrated the 75th Republic Day with great zeal and enthusiasm. The Vice-Chancellor and President of the University Prof. (Dr.) M.K Vajpayee paid tribute to the revered leaders of our Nation and highlighted the institution's dedicated efforts in fostering the development of students and actively contributing to the process of Nation-building. The AvaGuardians, SPSU student team- Toshik Soni, Dhruv Lodha, Kusum Menaria, Mitali Thapa, Mohammed Tauqeer Raza and Wasfa Haider Kazmi from B.Tech CSE II year who stood first and won the prize money of One lac Rupees in the Smart India Hackathon (SIH) Grand Finale hosted by the Ministry of Education, Government of India received a special appreciation on this day. The team was mentored by Mr. Harsh Bansal, Faculty, CSE.

The NCC cadets of the University led by Lt. Dr. DS Chouhan Associate NCC officer venerated the occasion by marching through the campus while saluting the national flag and instilling patriotic fervour. The NSS Cell of the University led by Mr. Harish Tiwari

conducted the 'Fit India Run'. The poster exhibition organized by the Department of Chemistry aimed at increasing awareness on cleanliness and emphasized the significance of environmental conservation. The emotive patriotic song and dance performances organized by the Spotlight Club of the University added to the nationalistic ambience and nurtured a sense of unity among the audience, creating a memorable and impactful event. The Proctor, Dr. Deepak Vyas coordinated the event. Prof. Prasun Chakrabarti, Director Research and Dean International Affairs, Prof. Sadananda Prusty, Dean, School of Management, Prof. Arun Kumar, Dean, School of Engineering, Prof. Naveen Kumar, Registrar, Prof. Monika Anand, Deputy Dean Student Welfare, Heads, faculty members, administrative staff, students and entire SPSU fraternity participated actively in the celebration.

OPEN MIC SESSION - NATIONAL GIRL CHILD DAY - Office of Student Welfare - January 24, 2024

Sir Padampat Singhania University, Udaipur celebrated National Girl Child Day on January 24, 2024 to promote awareness about the rights of the girl child, to bridge the gender divide and emphasized on the importance of education, health and nutrition of girl child. Lavanya Agarwal, Suhani Bafna, Ashwini Kumar Sharma, Dilkhush Giri Goswami and many others participated in the open mic session and expressed their views on National Girl Child Day. Dr. Monika Anand, Dr. Shibani Banerjee and Mr. D. K. Gupta motivated the students with their words of wisdom on this day. They also highlighted the distinct challenges encountered by girls like gender inequality, school dropouts, healthcare challenges, child marriage, gender-based violence and stressed on the need for collective efforts to overcome these challenges. The University aspires to empower every girl, encouraging them to overcome obstacles, pursue education, and actively contribute to the creation of a brighter future.

MAKAR SANKRANTI - January 14, 2024

The harvest festival Makar Sankranti was celebrated with great zeal and enthusiasm at SPSU. The day marks the transition of the Sun into the zodiac sign of Makara Rashi (Capricorn) on its celestial path. A highlight of the celebration was the Kite Flying event, where a kaleidoscope of colorful kites adorned the clear blue sky. Participants showcased their creativity with kites of various shapes and hues, making the sky come alive with a burst of colors. The students engaged in the age-old tradition of flying kites, adding an extra layer of excitement by running and ducking to maintain their kites' airborne status. The spirit of sportsmanship was evident in the various games organized during the celebration. Participants exhibited commendable enthusiasm and skill, contributing to the lively and competitive atmosphere.

Beyond the games, the entire university community, including students, faculty, and residents, joined in the festivities with great fanfare. Makar Sankranti at SPSU became more than a festival; it was a collective expression of joy and togetherness, uniting

everyone in the celebration of nature's cycle and the spirit of camaraderie. The event was coordinated by Prof. Deepak Vyas and team.

LOHRI FESTIVITIES - January 13, 2024

The festival Lohri was celebrated with much fanfare. The university applauded the collective spirit of unity and joy, encouraging everyone to uphold the values and traditions embedded in our rich cultural heritage. The event was filled with vibrant music, enchanting songs, and captivating dance performances that added to the festive atmosphere. Students, faculty, and residents of the university participated actively in the event, creating a lively and celebratory ambience that resonated with the university's commitment to inclusivity and cultural appreciation.

SPEECH - NATIONAL YOUTH DAY - Office of Student Welfare and NCC - January 12, 2024

SPSU celebrated **National Youth Day** on the theme - It's All In The Mind in association with NCC. Dr. Monika Anand, Dr. DS Chouhan, Dr. Bright Akwasi Gyamfi, Mr. D.K. Gupta urged the students to follow the ideals of Swami Vivekananda and emphasised on leading a disciplined life. Students also shared their views on how youth can bring change and lead the country.

CONSTITUTION DAY - Office of Student Welfare - November 26. 2023

The students of SPSU under the able guidance of Mr. D. K. Gupta, Assistant Professor, engaged in diverse activities to celebrate Constitution Day. 15 students shared insights and engaged in a thought-provoking group discussion on the Indian Constitution. Dr. Monika Anand, Dy Dean, Student Welfare, commended their efforts and initiative. She highlighted that Sir Padampat Singhania was one of the signatories of the Constitution of India. She urged the youth to embrace our nation's collective heritage, traditions, values, achievements, and historical contributions that have shaped our country's identity over time. She emphasised that understanding and preserving a nation's legacy is crucial for fostering a sense of identity, pride, and continuity among its citizens.

ORION'S 2023: THE FRESHERS' PARTY - October 19, 2023

Col.(Dr.) Sanjay Sinha, HoE, felicitating Mr. and Ms. Fresher 2023

Numerous new faces each with a million dreams' is what describes Orion's 2023, as both newcomers and senior students, gathered for the Fresher's Party on October 19, 2023. The event was brought to life through the leadership and guidance of distinguished individuals including Col. Sanjay Sinha, Head of Education, JK Cement Ltd, Prof. (Dr.) M.K. Vajpayee, President, and Col. (Dr.) Sanjiv Tomar, Pro President. The event was full of fun-filled activities, a pulsating ambience, flashing lights and foot-tapping music that showcased the abundance of talent of the students. The extravaganza reached its pinnacle with the rocking band performance that added to the fiesta. The most awaited event of the day was Mr. and Ms. Fresher. The final round of the competition was judged by Col. Sanjay Sinha, Dr. Prasun Chakrabarti, Dr. Arun Kumar and Dr. Shweta Lalwani. Pranav Sankhla (B.Tech, CSE) and Priyanshi Patwa (BBA) were crowned as Mr. and Ms. Fresher 2023. Orion's 2023 focused on building harmonious bonds, and celebrating equity and diversity. The camaraderie and the enthusiastic participation of the students set the tone for a fantastic year ahead.

PICTURE INTERPRETATION COMPETITION - Elements- the Writer's Club - October 11, 2023

The Picture Interpretation competition served as a platform for individuals to showcase their unique perspectives and interpretations of emotions behind the images promoting both artistic expression and insightful analysis. Fifteen students participated in the competition. The students presented a plethora of vibrant and insightful interpretations, weaving their thoughts into captivating stories and compelling anecdotes. Ms Anjali Jain, MBA I year and Ms Manisha Sen, MBA I year were adjudged at the first and second positions respectively. Dr. Shibani Banerjee, faculty advisor congratulated the participants and stressed that the competition succeeded in not only encouraging ingenuity and critical thinking but also honing the students' storytelling skills.

INTERNATIONAL GIRL CHILD DAY - Office of Student Welfare and Magnitude Club - October 11, 2023

Dy. Dean, Student Welfare and Dean Research along with the participants celebrating the International Girl Child Day

International Girl Child Day is a momentous occasion to celebrate the achievements, aspirations, and boundless potential of young girls across the globe. To mark this day, an Open Mic Session was organized by the Office of Dy Dean, Student Welfare in association with Magnitude: The Theatre Club. The students were encouraged to share their thoughts, stories, poetry, and talent. This event was an opportunity to showcase their creativity and a platform to amplify the voices of and for the girl child. The event witnessed heartfelt renditions of self-composed poems that spoke of the strength of women, stories of personal triumph, speeches and songs that resonated with the spirit of girlhood.

ESSAY COMPETITION - Renewable Energy Club - September 30, 2023

To encourage creativity and promotes awareness and understanding of one of the most critical issues of our time - Renewable Energy - an Essay Competition was organized. The Role of Renewable Energy in Shaping a Sustainable Future. The essays were judged on the following criteria - Originality and creativity, Clarity of expression, Relevance to the topic, Overall writing quality. Harshi Pandey was adjudged as the winner and Rajveer Singh Rathore and N. Rishitha stood second.

IMPRESSIONS - INSPIRATIONS FROM GREAT LEADERS - Elements - The Writers' Club - September 27, 2023

Faculty Advisor and Judges with the participants of impressions - Inspirations from Great Leaders

This engaging activity focused on nurturing and showcasing the hidden talents of our students. It aimed to explore their creative thinking abilities, refine their public speaking skills and oratory. A total of eight students enthusiastically participated in this competition, each of them bringing their unique perspectives and inspirations to the forefront. The event provided a platform for these young minds to articulate their thoughts, drawing inspiration from the remarkable lives and leadership qualities of great leaders from history and contemporary times. Impressions- highlighted

that our youth are not only the leaders of tomorrow but also the voices of today, capable of making a meaningful impact on the world. Dr. Monika Anand, Dy Dean Student Welfare, judged the event. Lavanya Agarwal, B.Tech III year and Anjali Jain, MBA I year won the first and second positions respectively.

FOURTH YP SINGHANIA MEMORIAL LECTURE - September 23, 2023

Fostering innovating thinking and promoting technological advancements, Sir Padampat Singhania University, under the visionary leadership of Honourable President Prof. (Dr.) Padmakali Banerjee organized the fourth YP Singhania Memorial lecture - in the fond memory of the founder Chancellor Late Shri Yadupati Singhania on September 23, 2023. The eminent speaker of the day was

Energy Swaraj Bus Founder Prof. Chetan Singh Solanki with SPSU family

Prof. Chetan Singh Solanki, Professor, Department of Energy Science and Engineering, IIT Bombay, founder of Energy Swaraj Foundation, Brand Ambassador of Solar Energy of Govt. of MP, India. He spoke about climate change, corrective actions and the vitality of embracing solar energy in the future, as it is the only unending source of energy available for humans on earth. He also pointed out the adverse effects of increased consumption of fossil fuels and created awareness regarding the growing issues of climate change. He said, "Nobody has to be told to keep away from the cobra as it is poisonous. Similarly, instead of preaching on climate change, if we create awareness among people on the issue and tell them about mindful use of available renewable sources of energy; the road to climate correction can begin more effectively." Prof. Solanki further spoke about the 2 Laws, Limit your consumption and Localize your Production. The founder of Energy Swaraj Foundation has embarked on a bus 'yatra' to create awareness about solar energy and its mindful consumption across the country. The bus on which Solanki travels has a bedroom, office space, plants, kitchen with induction cooker and a refrigerator - all powered by solar panels installed on the roof of the vehicle.

GANESH CHATURTHI - 19 - 22 September 2023

President Prof.(Dr.)Padmakali Banerjee worshipping Lord Ganesha

SPSU Udaipur celebrated the arrival of Lord Ganesha, a momentous occasion marked by vibrant festivities and profound devotion. Our esteemed leaders, the Hon'ble President & Vice-Chancellor, Prof. (Dr.) Padmakali Banerjee, Pro President, Col. (Dr.) Sanjiv Tomar, along with our enthusiastic students and faculty welcomed the Vighanaharta and sought his blessings for bestowing wisdom, prosperity and elimination of obstacles. The campus throbbed with joy as the festivities unfolded, filling the environment with an air of spirituality and devotion.

ENGINEERS' DAY - September 15, 2023

Promoting technological innovations and new age learning Sir Padampat Singhania University, Udaipur celebrated Engineers Day with great zeal and enthusiasm. The President of the University Prof. (Dr.) Padmakali Banerjee in the opening remarks paid tribute to Dr. M. Visveswaraya - the iconic engineer of the Nation and also commemorated the founder Chairperson and Chancellor of the University Late Shri Yadupati Singhania for his visionary leadership, business

The SPSU fraternity paying tribute to the iconic engineers Dr. M. Visveswaraya and Founder Chancellor of SPSU, Shri Yadupati Singhania

acumen and transformative contributions to the cement industry. Commending the technological advancements of the Nation and focusing on the Engineer's Day theme 2023 - Engineering for a Sustainable Future she applauded the invaluable contributions of the engineers towards societal development, emphasized on social engineering, stressed on the efforts of G20 summit, and urged to put in collective efforts for building a better community, better world and a more inclusive and sustainable future. Dr. Arun Kumar, Dean, School of Engineering highlighted the achievements of School of engineering, incorporation of the National Education Policy 2020 into the curriculum and the University's continued progress in the field of research, student placements and

faculty development. The Pro President, Col. (Dr.) Sanjiv Tomar focusing on the innovative technology drew attention on the need for research collaborations in the multidisciplinary domains for the benefit of mankind and the Nation at large.

MEHANDI COMPETITION - Spotlight Club - September 14, 2023

Spotlight Club organised a Mehandi Competition on September 14, 2023. The Mehandi Competition showcased the rich artistry of participants in the application of Mehandi. It was a part of our cultural celebration and aimed to promote creativity and traditional art forms among the students. A total of 16 participants took part in the competition. The enthusiasm and artistic flair of the students was remarkable. The participants exhibited an array of designs, from traditional to contemporary, showcasing their versatility and creativity. The competition was judged by a panel of experts who evaluated the designs based on their intricacy, neatness, and originality. Anamika Kumari emerged as the winner, and Tanisha Agrawal secured the

Faculty members and participants of the Mehandi Competition

runner-up position. It provided a platform for students to showcase their talent and creativity, reinforcing our commitment to fostering cultural appreciation and artistic expression. The winners and participants alike left the event with a sense of accomplishment and pride. Such events not only celebrate tradition but also encourage our students to explore their artistic inclinations.

DEBATE COMPETITION - Magnitude: The Theatre Club - September 13, 2023

Magnitude Club organized a thought-provoking debate competition on the topic "Genetic Modifications of Plants and Human Beings is Necessary for the Betterment of the World at Large" on 13 September 2023. A total of eight participants enthusiastically engaged in the debate competition, with four speakers supporting the motion and four speakers opposing it. The participants showcased remarkable skills and a deep understanding of the topic. All participants delivered impressive performances, showcasing their well-researched arguments, remarkable oratory skills and passionate discourse. This competition provided a platform for thoughtful discourse on the topic of genetic modifications and highlighted the importance of such discussions in shaping the future of science and ethics. The event left a lasting impression, fostering intellectual growth and encouraging critical thinking among the participants and attendees. It was a testament to the power of debate in generating constructive dialogue on complex issues that impact our world. The esteemed judge for the competition was Dr. Shibani Banerjee,

a national-level debater. She provided insightful feedback on the performances, commending the participants for their dedication and depth of knowledge on the topic. Her comments were instrumental in encouraging the debaters to improve their skills further. T. Sathvik Reddy secured the 1st position and Navaneetha Reddy won the 2nd position.

FRAME FLICKS: SHORT FILM MAKING COMPETITION - Flash Club - September 9, 2023

Flash Club organized a short film-making competition. This competition aimed to build and enhance the filmmaking skills of the participants. The competition has the following themes - Love & and drama, Change and transformation, and College days. The team - **Alpha** led by Sameer Shaik was the winner and the team **Brothers Till Death** led by P. Karthik was the runner-up.

MATKI FOD SABKO EK DUSRE SE JOD - Hope: The Environment Club - September 6, 2023

Hope: The Environment Club organized an enthusiastic event called Matki Fod Sabko Ek Dusre se Jod on September 6, 2023. The primary goal of the event was to promote team spirit, camaraderie, equality, and peace. The programme started with the introductory speech on the importance of the event by Darshana Soni (B.Tech II year) and Suhani Bapna (B.Tech II year).

Student teams in the Matki Fod Ek Dusre Se Jod Competition

60

TEACHERS' DAY - September 5, 2023

Teachers' Day - the birth Anniversary of the timeless teacher Dr. Sarvepalli Radhakrishnan was celebrated on September 5, 2023. The Honourable President Prof. (Dr.) Padmakali Banerjee highlighted the role of teachers as the torchbearers and reinforced the notion that educators are not merely knowledge providers but also mentors who nurture the potential of the students and help them become responsible and compassionate members of society. The students of the University fondly celebrated the day and expressed their gratitude to their dedicated mentors, recognizing the unwavering commitment and tireless effort put forth by their teachers in fostering their educational journeys. Celebrating knowledge, enriching creativity and empowering the youth through education the Honourable President Prof. (Dr.) Padmakali Banerjee also conducted a workshop for teachers that heightened the spirit of the day.

MOLELA TERRACOTTA DESIGN WORKSHOP - CISSE and School of Liberal Studies - August 22, 2023

Fostering art, culture, sustainability and the creative acumen the Centre for Innovation in Skills and Social Entrepreneurship (CISSE) and School of School of Liberal Studies, organised Molela Terracotta design workshop on August 22, 2023. Prof. (Dr.) Padmakali Banerjee, Honourable President emphasised the university's commitment to promoting such workshops exemplifying its dedication to holistic education and facilitating learning beyond textbooks, engaging with real-world experiences and enriching the personal and cultural growth of the students. Renowned artisan Mr. Mannalal Kumhar and his team conducted the session wherein the students gained a hands-on experience of crafting beautiful eco-friendly clay articles and ceramic tiles using the unique Molela Terracotta technique. Mitali Thapa, B.Tech CSE student stated that the workshop not only enabled students to learn a traditional craft but also helped them connect with their cultural roots and develop an understanding of the importance of preserving and promoting indigenous art forms. During the workshop, students had the opportunity to learn about the history, cultural importance, and technical aspects of Molela Terracotta. The artisans guided them at various stages of the craft-making process, from shaping the clay to intricate detailing and finishing touches. Dr. Shibani Banerjee, Director Public Relations and Dr. Shweta Lalwani, Head, School of Management organized the workshop.

WORLD ENTREPRENEURSHIP DAY CELEBRATION - CISSE - August 21, 2023

Promoting innovation, creativity and empowerment the Centre for Innovation in Skills and Social Entrepreneurship (CISSE) celebrated World Entrepreneurship Day on August 21, 2023. Honourable President Prof. (Dr.) Padmakali Banerjee highlighted that the University engages in various activities to create awareness, stimulate creative thinking, encourage students to consider entrepreneurship as a viable career option and foster a culture of innovation and start-ups ecosystem among the students. The chief guest Mr. Virendra Singh Ranawat, Cofounder, Woodenstreet inspired the young attendees by

emphasizing that entrepreneurship holds significance not only in terms of job generation but also as a critically important component of our economic advancement fostering the process of solving various challenges. He shared his arduous journey, challenges and life lessons learnt towards being a successful entrepreneur. In the interactive session the students came out with innovative ideas, business plans and an array of pioneering approaches towards employability and sustainable resources.

DEBATE COMPETITION (Online) - CSES and Renewable Energy Club - August 20, 2023

Akshay Uurja Diwas, also known as Renewable Energy Day, is marked to raise awareness about the importance of renewable energy. On this occasion, Centre of Sustainable Energy Studies, (CSES), SPSU and the Renewable Energy Club (REC) jointly organized an Online Debate Competition on **Renewable Energy: Really a Game Changer or Buzz Word**. Tarang Srivas was the winner.

77th INDEPENDENCE DAY CELEBRATION - August 15, 2023

President, Prof.(Dr.) Padmakali Banerjee and Pro President Dr. Sanjiv Tomar hoisting the flag on the 77th Independence Day

The vibrant student-led, technologically driven splendid campus of Sir Padampat Singhania University, Udaipur resonated with patriotism as the National Flag was hoisted by the Honourable President Prof. (Dr.) Padmakali Banerjee on the 77the Independence Day Celebration. The Honourable President in her speech highlighting the transformative journey of the corporate-led University briefed about the milestones, achievements, initiatives and the way the University has transcended as a new-age learning University. Stressing on Indian Independence @ 100 and celebrating 'Azadi ka Amrit Mahotsav' she focused on India's global prominence and the country's rapid strides at the economic, social, sustainable, digital and technological domains and the pivotal role of the Higher Education institutions towards holistic development of the students, youth engagement, equipping them with the knowledge and skills that contribute to the country's evolution. She commended the potential of the youth in propelling the nation's growth and referring them as trailblazers and change makers of modern India urged them to harness their innovative ideas and participate actively in the advancement of the country. She also accentuated the urgent need for eco-friendly practices to combat climate change, reduce carbon footprints and exemplified the university's commitment

to this cause through initiatives such as the integration of electric vehicles and establishment of a clean and sustainable campus.

The University's implementation of '**Meri Maati Mera Desh Camp**aign' included tree plantation and, pledge ceremony focusing on self-reliance and celebrating the National heritage. Various cultural programmes highlighting the Nation's pride and unity in diversity were showcased by the students. The Honourable President Prof.(Dr.) Padmakali Banerjee was joined by the officials of the University including the Pro President Col.(Dr.) Sanjiv Tomar, Registrar Dr. Naveen Kumar, Proctor Dr. Deepak Vyas, Deans, Head of the Depts, NCC cadets, faculty members and entire SPSU fraternity in the Independence Day Celebration.

UDAAN - ANTI RAGGING DAY - Hope Club - August 12, 2023

HOPE' The Environment Club of the University has organized a cultural event called Udaan as part of the celebration of 'Anti Ragging Day' in SPSU campus on 12th August 2023 at Open Auditorium area from 6:30 pm - 7:30 pm. This event was organized as per the directions of UGC. Its primary goal was to strengthen the bonds between

Students and faculty united in a human chain, standing together for a Ragging-Free Campus

the junior and senior student batches. The programme started with the introductory speech on the Importance of the Day by Proctor, Prof. (Dr) Deepak Vyas followed by a stunning dance performance by six first year girls that portrayed the theme of friendship. Nukaad Natak was also performed by a mixed batch of students which upheld the principles of mutual respect, empathy, and dignity within the academic community. The title of the Natak was "NO RAGGING". Fun games were also planned to boost cordiality between seniors and juniors. Finally, a human chain was created to foster a sense of harmony and togetherness among all students. The students, teachers and staff members of SPSU formed a long human chain by holding each other hands. Almost one hundred students along with faculty and staff of SPSU witnessed the event.

Dr. Tulika Chakrabarti, faculty advisor of HOPE Club presented vote of thanks to the University Management for encouraging the club activities on campus. She also thanked University faculty, staff and students for making the event a grand success.

SPIC MACAY (Cultural Show) - August 5 - 6, 2023

President, Prof.(Dr.) Padmakali Banerje and team SPSU welcoming the
SPIC MACAY representatives

Renowned Kathak Artist, Ms. Swati Sinha from Delhi and famous Hindustani classical singer Ms. Adrija Basu from Calcutta performed a live concert in SPSU.

PHAD PAINTING WORKSHOP - August 6, 2023

Famous Phad painter from Bhilwara Mr. Kalyan Joshi conducted a Phad Painting workshop for the students. 50 students from SPSU worked under the guidance of Mr. Kalyan Joshi and at the end showcased their Phad Paintings.

TALENT SHOW - CULTURAL PROGRAMME - RJ Mridul Joshi and RJ Anshuman (Big FM) - August 4, 2023

A talent show was organised for all the newly admitted students of the university. It was a cultural extravaganza where the students displayed their varied talents. Many mesmerizing dance performances, melodious songs, excellent poetry, etc. were among the many performances. To add to the excitement RJ Mridul Joshi and RJ Anshuman from Big FM engaged the students. With various interesting rounds of performances, the engaging show was a treat for all.

Expert Talk - Yoga: Mind and Body Wellness Dr Rashmi Bohra and Mrs. Ragini Sharma - August 3, 2023

A session on 'Yoga - Mind and Body Wellness' was conducted for the new batch of 2023 students by the eminent speaker invited for the session.

Dr. Rashmi Bohra and Mrs. Ragini Sharma during the session on Yoga: Mind and Body Wellness

Dr Rashmi Bohra, Director, VMOU, Udaipur center and Mrs. Ragini Sharma from the Art of Living were the speakers for the session. The session started with welcome speech by the Proctor and Director Hostel Prof Deepak Vyas. He introduced the speakers to the attendees. Mrs. Ragini Sharma, the zonal head and coordinator of Yoga for a government institution conducted a practice session on yoga. She spoke on the importance of yoga in our day-to-day life and insisted students perform yoga for at least 5-10 min in the morning. Dr Rashmi Bohra highlighted the importance of good mental health in everyday life. She insisted on keeping mobile gadgets away from children and laid stress on physical and mental activities to be more in day-to-day life. She stressed that the biggest challenge is to accept our weakness and then with the help of meditation and yoga one can improve upon the mental health and state of mind for keeping us away from stressful life.

THEATRE WORKSHOP - Mr. Prabuddha Pandey - August 2, 2023

Mr. Prabuddha Pandey, an accomplished theatre artist and awardee from National School of Drama, conducted a theatre workshop for the students on August 2 in the Orientation Programme Sangyaan 2023. The workshop aimed to introduce the participants to the world of theatre, offering them a unique opportunity to delve into the various aspects that constitute the art form. Mr. Pandey shared his knowledge and practical insights, guiding the students through a range of activities and exercises designed to enhance their understanding of theatrical techniques. The participants were engaged in a series of activities that encompassed diverse elements of theatre, including voice modulation, body language, improvisation, and character development. Through role-playing and improvisational exercises, the students gained a deeper appreciation for the nuances of storytelling, communication, and expression within the realm of theatre. The hands-on approach gave the students a chance to apply these concepts practically and interactively.

EXPERT TALK ON DRONE TECHNOLOGY - Prof. Akash Sinha - August 1, 2023

Prof. Aakash Sinha, CEO, Omnipresent Robotics Pvt. Ltd. And Prof. in Practice Shiv Nadar University conducted a seminar on "Drone Technology." During the interactive session, students were introduced to the basic concepts of robotics and drones. Drones developed by Omnipresent robotics like Omni Hansa V5, Omni Garun V8 and V6 were demonstrated to the students.

Prof. Aakash Sinha delivering a session on Drone Technology

PANEL DISCUSSION ON CAREER OPPORTUNITIES WITH CUTTING-EDGE TECHNOLOGIES - August 1, 2023

Experts engaging in a dynamic panel discussion on Career Opportunities in Cutting-Edge Technologies

A Panel Discussion on 'Career Opportunities with Cutting Technologies' was organized. The Panellists were Dr. Charu Jain, Programme Head and Academic Lead at Xebia, Ms. Richa Agarwal from Boston Consulting Group, Prof. Arun Kumar, Dean School of Engineering, SPSU and Prof. Darpan Anand, Head Department of Computer Science & Engineering. The session was moderated by Dr. Chandani Joshi. The panel discussion on cutting-edge technology brought together experts from Industry and Academia to explore the latest advancements and their implications for society and for the young technocrats. The event provided a platform to discuss breakthroughs in technology, their potential benefits, and the challenges they may pose. The panellists shed light on emerging trends, including Artificial Intelligence (AI), Cloud Computing, Blockchain, Data Security, Full Stack Development, etc. The discussion illuminated the remarkable progress being made in AI, Cloud Computing and Blockchain.

PANEL DISCUSSION ON COMPETENCIES AND SKILLS FOR THE 21ST CENTURY - August 1, 2023

A panel discussion on the topic 'Competencies and Skills for the 21st Century' was organised by the School of Management. The panellists were Mr. Freddy W, SAS, Prof. (Dr.) Sadananda Prusty, Dean SOM, Dr. Disha Mathur, Dr. Anurag Shukla and Mr. Deepesh Vaya. Dr. Disha Mathur moderated the session. All the panellists provided detailed insights into essential skills, competencies, and qualities required for the future business landscape.

EXPERT TALK ON GENDER SENSITIZATION - Dr. Gayatri Tiwari - July 28, 2023

Dr. Gayatri Tiwari, faculty and students in the session promoting equality and awareness for a more inclusive society

An expert talk on 'Gender Sensitization' was organized for the newly admitted students during the Orientation Programme. The invited speaker for the workshop was Dr. Gayatri Tiwari, Head, Department of Human Development and Family Studies, Sr. Scientist and National Technical Coordinator, CCAS, Maharana Pratap Univ. of Agriculture and Technology, Udaipur. She emphasized the crucial need to understand and uphold equality and respect in society. She highlighted the significance of maintaining a healthy environment in both personal and professional settings. Gender roles and professionalism in the workplace were particularly emphasized as important aspects of creating a harmonious and inclusive atmosphere. She focused that breaking down the barriers of gender imbalance requires a collective effort, and it is the need of hour to build a world that celebrates diversity, promotes equality and unlocks the full potential of every individual.

EXPERT TALK ON HAPPINESS AND WELL-BEING - Mr. Yogesh Kochhar - July 28, 2023

An inspiring session on happiness and well-being conducted by Mr. Yogesh Kochhar, Global Ambassador for Happiness, 'CEO YoL'- Your Own Happiness on July 28, 2023. He discussed the vital role happiness plays in our lives. Drawing on research and insights from his years of experience, he explained how happiness

Mr Yogesh Kochhar, faculty and students in a session on Happiness and well being

positively impacts our mental and physical well-being and emphasized why happiness should be prioritized in our personal and professional pursuits. He introduced his app, YOL, and its mission to cultivate happiness in the digital age. He shared how YOL helps users navigate the challenges of excessive screen time and attention span. The students were also enlightened about the practical strategies to embrace a more mindful and balanced approach to technology, fostering happiness in their daily lives.

PANEL DISCUSSION ON CAMPUS TO CORPORATE - July 28, 2023

To bridge the gap between industry and academia a Panel Discussion 'Campus to Corporate' was organized. Eminent professionals from the industry as Mr. Amit Kataria, CHRO, Minfy Technologies Pvt. Ltd, Dr. Sunita Agrawal, Dubai Golden visa International Research, Teaching, Prof. (Dr.) Mohan Lal Agarwal Government GOLDEN VISA - National Talent & Contributor, UAE, Mr. Yogesh Kochhar Global Ambassador-Happiness and Dr. Anurag Shrivastava, Vice President Marketing, Wonder Cement Limited interacted with the students. Throughout the discussion, these eminent experts engaged with students on the significance of AI and blockchain, the importance of critical thinking and communication skills, the role of emotional intelligence in professional growth, fostering creativity and innovation, and the pursuit of happiness in the corporate environment. Their insights emphasized the need for sustainable development and adaptability in today's competitive landscape. The Panel Discussion served as a guideline for empowering our students to stay ahead in their careers and become valuable assets to their future employers.

SANGYAAN 2023: THE ORIENTATION PROGRAMME - 27 July - 4 August 2023

President Prof. (Dr.) Padmakali Banerjee, Dr. MK Vajpayee, Dr. Sanjiv Tomar and Deans lighting the lamp

Sangyaan 2023: The Orientation Programme was organized to familiarize the students with the ethos and culture of our university and bond with other students. All the offices and departments of the university The focus of the orientation programme was to give the students a sneak peek into university life - a life which is not just about academics but also full of fun, joy, events, interaction with experts from industry and academia, and sports. The programme consisted of interaction with all officials and faculty members of the university, ice-breaking and technical sessions, hands-on workshops, panel discussions, interaction with eminent personalities from industry and academia, guest lectures focussing on health and mental well-being, gender sensitisation, and entrepreneurship, sports, city tour, competitions, tree plantation drive, goal setting exercises, motivational lectures, and cultural events, etc.

4.3 ACTIVITIES OF NCC UNIT

The University has several infrastructure facilities as permanent firing range, obstacle course. Till date more than 35 cadets have secured B certificate and about 25 cadets have secured C certificate.

BLACK DAY - PULWAMA ATTACK ANNIVERSARY - February 14, 2024

The NCC platoon organized a Black Day to commemorate the Pulwama Attack Anniversary. The objective of the event was to extend sincere condolences to those who lost their lives during Pulwama Attack on February 14, 2019. The programme began with the introduction of the day and lamp lighting by Prof. Prasun Chakrabarti, Prof. Sadananda Prusty and Lt.(Dr.) DS Chauhan. A tribute was paid to the 40 CRPF soldiers on Black Day, followed by a respectful observance of two minutes of silence. NCC Lance Corporal Suhani Gupta delivered a poignant speech on the occasion. This was followed by a heartfelt recitation of a poem by another NCC cadet.

BLOOD DONATION CAMP - January 19, 2024

With the motive to serve the community, the NCC Army Wing of the university joined hands with HDFC Bank and Blood Bank, RNT Govt. Medical College, Udaipur to organize a Blood Donation Camp in the campus. The event was conducted under the guidance of Prof. (Dr.) M.K. Vajpayee, President, SPSU, and was inaugurated by Prof. (Dr.) Prasun Chakrabarti, Director Research and Dean International Affairs. The initiative highlighted the university's commitment towards social welfare and fostering a spirit of generosity among its members. Prof. Sadananda Prusty, Prof. Arun Kumar, Heads of various departments and Lt.(Dr.) DS Chouhan appreciated and motivated the students and faculty members to contribute for this noble cause. More than 70 units of blood was donated in the drive. As a token of acknowledgment, the donors were presented with certificates of recognition and donor cards, entitling them to receive one unit of blood free from the Blood Bank within the next six months.

CLEANLINESS DRIVE - October 1, 2023

The NCC unit organized a cleanliness drive in the campus. The NCC cadets cleaned the surroundings of the Mess. The NCC cadets presented slogans on Swachh Bharat Abhiyan and spoke about the importance of hygiene and benefits of cleanliness.

ORIENTATION SESSION - August 2, 2023

The NCC Unit of the university organized an NCC orientation session in Sangyaan 2023:The Orientation Programme for the newly enrolled students for the session 2023-24. The objective of the session was to make the students aware about the initiatives of the NCC unit at SPSU. The perspective of NCC is to make the youth of the country not only economically productive but also groom them to be socially responsible and to provide India its righteous position at the international forum. The presentation emphasised on skill development and employment, entrepreneurship, health and healthy lifestyle, sports, social values and community engagement. The cadets were shown a video that showcased the events organized by the NCC unit SPSU in the last year few years. The session was taken by Lt. D S Chouhan.

EACH ONE, PLANT ONE - TREE PLANTATION DRIVE - August 1, 2023

Promoting the 'Go Green' initiative and highlighting the benefits of healthy, environment-friendly lifestyle the university organized a tree plantation drive "Each One Plant One" in collaboration with 94.3 My FM Udaipur. More than 250 trees were planted and the initiative aimed at creating awareness among the students about the multifaceted benefits of trees to the environment, society and the well-being of all. The response from the students, NCC cadets, staff of University and Team FM Udaipur was heartening, showcasing their dedication to a greener future. RJ Samay and RJ Kavya briefed about the importance of tree plantation. Lt.(Dr.) DS Chouhan, Associate NCC Officer coordinated the event.

ACHIEVEMENTS

NCC cadet Jayaditya Singh Rathore (National Shooter) has been selected for **Maharana Fateh Singh Award 2024** for his outstanding performance in Rifle Shooting by Maharana Mewar Foundation 40th Annual Award **(MMFAA-2024)**. March 3, 2024

ALLOTTMENT OF MORE NCC ARMY WING - January 26, 2024

Sir Padampat Singhania University has been allotted a sub-unit of the NCC Army Wing, consisting of 80 cadets by the Commanding Officer 2 Raj R & V Regt NCC at College of Veterinary and Animal Science, Navania, Udaipur. The allotment has received approval from DDG, NCC Directorate Rajasthan, Jaipur, and NCC Group Headquarters, Udaipur. Lt.(Dr.) DS Chouhan, Associate NCC Officer highlighted that the 2 Raj R & V Regt NCC Navania shall also offer an exclusive horse-riding facility for NCC cadets.

NCC 'C' CERTIFICATE EXAMINATION 2023

Ten NCC cadets, namely, Ravi Paliwal, Shashwat Tiwari, Mohit Swami, Vinay Choudhary, Sneha Binod Tiwari, Anamika Gupta, Anjali Teli, Kajal Janwa, Lakshmi Rajput and Aadhya Gajjar of the School of Engineering and Management have exceled in the NCC 'B' Certificate Examination which was held in March 2023.

NCC 'C' CERTIFICATE EXAMINATION 2023

It is commendable that eight NCC cadets of SPSU, namely, Gnana Varshine, Bhanupratap Singh, Mudit Maharshi, Tarang Srivas, Prateek Modi, Ukant Jadia, Rudrasksh Tak and Jayant Singh Jhala exceled in the NCC 'C' Certificate Examination in February 2023. Seven out of eight cadets have been exempted from written exam conducted by UPSC and will be directly called for SSB interview. They shall also be awarded bonus marks in various examinations like recruitment of Central and State police services and paramilitary forces.

SELECTION IN INDIAN AIR FORCE

NCC cadet Yuvraj Singh Chouhan successfully cleared SSB interview, medical test and has been selected as a Flying Officer in the Indian Air Force.

PRE THAL SANIK CAMP - July 21-30, 2023

Five NCC cadets took part in Pre Thal Sanik Camp held at Dabok, Udaipur. Four cadets namely Pradhuman Dadhich, Siddharth Singh, Ditya Saini and Yuvraj Lohar were selected for firing in the next phase of Pre Thal Sanik Camp.

COMBINED ANNUAL TRAINING CAMP - August 30-September 8, 2023

Around 13 NCC cadets took part in Combined Annual Training Camp (CATC) held at Dabok, Udaipur.

NCC cadet Mohit Swami (B.Tech-ECE) successfully completed **Ek Bharat Shrestha Bharat** (EBSB) Camp, August 3-14, 2023 at NTA Idyapatti, Madurai.

NCC REFRESHER COURSE

Lt.(Dr.) DS Chouhan, Associate NCC Officer successfully completed NCC Refresher Course held at Officers Training Academy, Kamptee, Nagpur and secured A grade.
March 6-25, 2024.

The efforts of Lt.(Dr.) DS Chouhan were commended by the Air Commodore L K Jain, Deputy Director General, NCC Rajasthan Directorate for the service rendered by him to escalate the image of the National Cadet Corps by winning several laurels for NCC Directorate Rajasthan. June 27, 2023.

4.4 ACTIVITIES OF NSS CELL

INDEPENDENCE DAY CELEBRATION - August 15, 2024

The university's NSS Cell celebrated the 75th Independence Day with great zeal and enthusiasm. The cell also organized the 'Go Green, Go Fit' Cycle Rally, promoting the adoption of a healthy, environmentally friendly lifestyle. This initiative encouraged participants to embrace sustainability while prioritizing physical fitness, highlighting the university's commitment to fostering wellness and ecological consciousness.

ORIENTATION SESSION - August 1, 2023

The NSS Cell organized an orientation session for the newly enrolled students for the session 2023-24 in Sangyaan 2023: The Orientation Programme. The aim of the session was to spread awareness of the NSS Cell, its concept, history, philosophy of NSS and about the plan, implementation and evaluation of the activities of the NSS Cell.

POSTER MAKING COMPETITION - August 1, 2023

A vibrant poster-making competition was organized by the NSS Cell for the children of staff members. The young artists brought the themes of patriotism and "Save the Girl Child" to life through their colourful and lively drawings, enhancing the spirit of national pride and social awareness.

TREE PLANTATION DRIVE - August 1, 2023

A tree plantation drive was organized where students and staff members planted over 30 trees, symbolizing a commitment to environmental sustainability.

WORLD TOBACCO DAY - May 31, 2024

The NSS Cell of the university of organized an Oath Taking Ceremony to mark World No Tobacco Day. The event focused on the critical theme of "Say No to Tobacco," drawing participation from approximately 100 NSS volunteers and 50 staff members. The programme began with a welcome address followed by the oath-taking ceremony, during which students and staff pledged to abstain from all forms of tobacco, including cigarettes, bidis, and gutka, while also committing to encourage others to do the same. NSS Programme Coordinator Mr. Harish Tiwari, Dr. Manish Dadhich, and Dr. Amrit Ghosh coordinated the event.

WORLD ENVIRONMENT DAY CELEBRATION - June 5, 2023

NSS Cell along with Hope -The Environment Club organized a Poster Making Contest on the World Environment Day. Students actively participated in the competition that focused on Clean India, Global Warming and Tree Plantation. Out of 22 registered students, 12 posters were submitted.

5.0 CORPORATE INTERFACE

5.1 INTRODUCTION

The Training and Placement Cell plays a pivotal role in preparing students for successful careers by facilitating industry interactions, skill development, and placement opportunities. Through targeted training programmes, workshops, and mock interviews, the cell equips students with essential skills in line with industry demands. Additionally, it fosters strong connections with leading companies, ensuring ample placement opportunities for students across various disciplines. The cell helps students transition seamlessly into the workforce.

5.2 SUMMER TRAINING AND INTERNSHIPS

SPSU has active collaborations with Microsoft, FL Smidth, AWS Academy, Xebia, Gainwell, SAS, GHH, TCSiON, Beumer Group, Intel and JK Cement.

The input given by above collaborators make our graduates to be more industry ready and equip them with the latest requirement of dynamic changes in the corporate world. Summer Trainings and Internships includes 30% from technology, 5% from Mining and Metals, 7.5% from Transportation and Infrastructure, 20% from Manufacturing and Construction, 7.5% from Financial Services, 7.5% from Retail and E-commerce, 10% from Consulting and 15% from diversified and other sectors.

Technology	Transportation and Infrastructure	Manufacturing and Construction	Financial Services	Retail and E-commerce	Consulting and Professional Services
Cognus Technologies	Indian Railway	JK Cement Ltd.	Adarsh Co-Operative Bank Ltd.	Basket Hunt	CA Jain Anshu & Co.
Digital Hammerr	Airport Authority of India	JK Lakshmi Cement Ltd.	FundVizer Financial Solutions	Mozo Hunt Pvt. Ltd.	AIM India Group
DSS Imagetech Pvt. Ltd	The Airport Authority, Dabok, Udaipur	Neelkamal Ltd.	Sharekhan Limited	VibesGood	Shree Radhe Traders
Lakebrain Technologies		Pushpa Artefacts			Sanjive Radhey & Co.
Deltron Technologies Pvt. Ltd.		Roar Fire Safety Equipment's Pvt Ltd.			
Avalon Tribe Infotech		EF Polymer Private Limited			
Perpetualblock Technologies Pvt. Ltd.					
Skill Labs Resource Skillish Pvt. Ltd.					
Web Anix Pvt. Ltd.					

SEMINARS & SKILL ENHANCEMENT ACTIVITIES

S. No.	Name of the Training Activity	Conducted By	Attended By
1	Communication Skill Training	Dr. Reena Nigam	SOE & SOM
2	Aptitude Training	Mr. Nachiket Joshi	SOE & SOM

5.3 PLACEMENTS

COMPANIES PARTICIPATED IN THE PLACEMENT OF 2023-24 BATCH

Among the companies participating in the placement 23% were from IT sector,15% from Manufacturing and Chemicals, 13% from finance and banking and rest sector includes e-commerce, automotive, retail and consumer good remaining sectors includes Education & Training, Advertising and Media and Others

IT & Software	E- commerce & Online Services	Finance & Banking	Automotive	Retail & Consumer Goods	Education & Training, Advertising & Media, Hospitality & Leisure	Others
TCS	IndiaMart	Mahindra & Mahindra Financial Services Ltd.	BSES (India) Pvt. Ltd.	Yutika Naturals	KCS Edutech Private Limited	Fusion
KPIT	Just Dial	AU Small Finance Bank Ltd.	Rajendra Toyota - M/s Goenka Auto Sales Pvt. Ltd.	Decathlon Sports India	Sigma Staffing Solutions Pvt. Ltd.	The Deep's System Pvt. Ltd.
Nucleus Software	Info Edge India Ltd. (Naukri.com)	Emkay Global Financial Services Ltd.	URBANE Vehicles India Pvt. Ltd.	Saffron Furnishing Pvt. Ltd.	Sagar Advertisers Pvt. Ltd.	Deep's System
Nupeak IT Solutions	Paytm Service	Fundvizer Financial Solutions	Bridgestone Accessories House	Bada Promotion Pvt. Ltd.	Linkruit HR Solutions	Kalva Engineers Pvt. Ltd.
HCL Technologies		Jain Anshu & Co.	Arihant Car Decor		Bamboo Saa Resort & Spa, Udaipur	Munish Exports
Tudip Technologies		Ambit Tax & Accounting Services LLP				
Cyfuture, Noida						
DeltaX						
Arcgate Technologies						
KodNest Technologies Pvt Ltd.						

Course	B.Tech	MBA	BBA	Total
Total No. of Students	32	77	31	140
Registered Students for Placement	31	66	19	116
Opted for Higher Studies / Entrepreneurship	5	11	12	28
Placed so far	16(60%)	50(100%)	19(100%)	85
Yet to be placed	10	0	0	10
Debarred	0	16	0	16

Placement - 2024

SOE :Highest Package offered	Rs 7 LPA	Average Package	Rs 3.38
SOM :Highest Package offered	Rs 10 LPA	Average Package	Rs 3.28

6.0 DEPARTMENTAL ACTIVITIES

6.1 DEPARTMENT OF BIOTECHNOLOGY

Established in 2007, the Department of Biotechnology is preparing trained biotechnologists with multidimensional skills through an interdisciplinary learning approach. The department offers B. Tech in Biotechnology and offers multidisciplinary courses at the University level. Students are exposed to various technical skills which make them ready to perform in the relevant industry. The department has a vision to progress through quality teaching and research for generating the biotechnologists with the calibre of bringing sustainable change in the area of biotechnology and beyond and to the society.

THRUST AREAS OF RESEARCH
- Microbial Biotechnology
- Plant Biotechnology

PAPERS PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIUM (IF NOT PUBLISHED AS FULL PAPER IN THE PROCEEDINGS)

- Gajbhiye A and Anand M. 2024. Technological advancements in biofuel production: the first generation to fourth generation biofuels. IRC, March 19, 2024, SPSU, Udaipur. The Essence: Journal of Management Science and Research, Vol. **1** (1): pp. 110.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS
- Dr. Archana Gajbhiye attended an all-India seminar on "Women in Engineering", organized by Institution of Engineers (India) Udaipur Local Chapter, Udaipur. July 15-16, 2023.
- Dr. Archana Gajbhiye successfully completed the online 12 module training on "Energy Literacy Training" by Energy Swaraj Foundation. October 2023.
- Dr. Archana Gajbhiye participated in a five-day FDP on "Mastering the Art of Effective International Grants and Research Project Proposals", organized by Sir Padampat Singhania University, Udaipur. March 14-18, 2024.
- Dr. Archana Gajbhiye participated in the "International Research Convention 2024 (IRC24)", organized by Sir Padampat Singhania University, Udaipur. March 19, 2024.

SUMMER INTERNSHIPS/TRAININGS

The following students of B. Tech VII Semester completed summer training/Internships -

Sr. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	**To**
1	Bhoomika Reddy	20BT002261	DSS Takara Bio India Pvt. Ltd., New Delhi	July 3, 2023	August 18, 2023

OTHER ACTIVITIES

- Dr. Archana Gajbhiye Organized the quiz competition on "Rajasthan Mission 2030," at Sir Padampat Singhania University, Udaipur, by the directives of the Ministry of Higher Education, Govt. of Rajasthan, September 2, 2023.
- Dr. Archana Gajbhiye Organized an essay competition on "Rajasthan Mission 2030," Sir Padampat Singhania University, Udaipur, under the directives of the Ministry of Higher Education, Govt. of Rajasthan, September 6, 2023.
- Dr. Archana Gajbhiye organized the speech competition on "Rajasthan Mission 2030," Sir Padampat Singhania, University, under the directives of the Ministry of Higher Education, Govt. of Rajasthan, September 7, 2023.

FUTURE PLANS

The Department plans to build up the industrial collaborations, alumni connections, research collaborations etc. to further enrich the UG and strengthen the department.

6.2 DEPARTMENT OF CHEMISTRY

INTRODUCTION

The Chemistry Department equips students for leadership roles in environmental engineering and environmental science. The curriculum addresses a wide range of environmental challenges through electives and independent projects. Key focus areas include water and wastewater treatment, solid and industrial waste management, air and noise pollution, water supply, sewage disposal, disaster mitigation, and climate change. The department's state-of-the-art laboratories offer hands-on experience, allowing students to conduct impactful experiments related to human health and environmental studies. Projects such as testing water samples for hardness, pH, solids, alkalinity, and chlorine levels help raise awareness about drinking water quality in nearby communities.

THRUST AREAS OF RESEARCH

- Soil and Water pollution problems
- Medicinal Plants and Drug Discovery
- Environmental Chemistry

PUBLICATIONS IN REFEREED JOURNALS

- Hazarika R, Maji A K, Kandar D, Chakrabarti P and Chakrabarti T. Rao K S. and Nami M. 2023. An evaluation on changes in hippocampus size for cognitively normal, mild cognitive impairment, and Alzheimer's disease patients using fuzzy membership function. Innovations in Systems and Software Engineering. https://doi.org/10.1007/s11334-023-00529-y
- Natarajan S, Sampath P, Arunachalam R, Shanmuganathan V, Dhiman G, Chakrabarti P, Chakrabarti T and Margala M. 2023. Early diagnosis and meta-agnostic model visualization of tuberculosis based on radiography images Scientific Reports, **13:** 22803
- Thangaraju P, Sudha T, Velmurugan H, Thangaraju CE, Chakrabarti T and Chakrabarti P. 2023. A Registry-based Audit of a Current Situation of Clinical Research in COVID-19 Using Artificial Intelligence Techniques: A Systematic Review. Coronaviruses. https://doi.org/10.2174/2666796704666230908124854

PAPERS PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIUM (IF NOT PUBLISHED AS FULL PAPER IN THE PROCEEDINGS)

- Gurjar N, Jain A and Chakrabarti T. 2024. Water quality analysis of Mines in Rajasamand District. Intl. Conf. Navigating the future: AI Block Chain, Sustainable Development in the G-20 World. Sir Padampat Singhania University, Udaipur. April 19-20. P. 46 (Only abstract).
- Gupta L and Chakrabarti T. 2024. A study of moisture sensitivity concern in the RAP based Bituminus Mix and its feasible Resolution. Intl. Conf. Navigating the future: AI Block Chain, Sustainable Development in the G-20 World. Sir Padampat Singhania University, Udaipur. April 19-20. P.49 (Only abstract).
- Hada H, Chakrabarti T, Chakrabarti P. 2024. Artificial Intelligence perspective in Green Chemistry. Intl. Conf. Navigating the future: AI Block Chain, Sustainable Development in the G-20 World. Sir Padampat Singhania University, Udaipur, April 1-20. P.46 (Only abstract).
- Tripathi A, Gupta L and Chakrabarti T. 2024. Analyzing Drinking water quality from different locations in smart city Udaipur. Intl. Conf. Navigating the future: AI Block Chain, Sustainable Development in the G-20 World. Sir Padampat Singhania University, Udaipur. April 19-20. P. 45 (Only abstract).
- Chakrabarti T, 2024. Water Pollution and its Green Chemical Solution. Intl. Research Convention 2024. Sir Padampat Singhania University, Udaipur. March 19-20. P.105 (Only abstract).
- Hada H, Chakrabarti T, and Chakrabarti P. 2024. Critical Thinking – A mathematical perspective. International Research Convention 2024 (IRC24), Sir Padampat Singhania University, Udaipur. March 19-20. P. 111 (Only abstract).

RESEARCH PAPER IN AN EDITED BOOK PART OF A SERIES

Kanthavel R, Margala M, Siva SS, Chakrabarti P, Dhaya R and Chakrabarti T. 2023. Osteoarthritis Detection Using Deep Learning Based Semantic GWO Threshold Segmentation, In: Lecture Notes in Networks and Systems (Eds.: Joby P, Alencar MS and Gilski PF). Springer Nature. 789. Pp. 603-620.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Dr. Tulika Chakrabarti attended the International Conference on Navigating the future: AI Block Chain, Sustainable Development in the G-20 World. Sir Padampat Singhania University, Udaipur. April 19-20, 2024.
- Dr. Deepak Vyas and Dr. Tulika Chakrabarti participated in a five-day International Faculty Development Programme on International Grant and Research Project Proposals. Sir Padampat Singhania University, Udaipur. March 14–18, 2024.

INTELLECTUAL PROPERTY

- **Design Number: 6320641** UK Design Granted
  Grant date: October 27, 2023
  Registration date: October 20, 2023
  Title of invention: Milk quality analyzing device

- **Design Number: 6338622**
  Grant date: January 22, 2024
  Registration date: January 11, 2024
  Title of invention: Nano High Performance Liquid Chromatography Apparatus

- **Design Number: L-136223/2023**
  Grant date: November 15, 2023
  Registration date: January 11, 2024
  Title of invention: PLC based solid waste management system

ONLINE CERTIFICATION BY THE FACULTY

Dr. Tulika Chakrabarti successfully completed the following online Certificate programme NEP Orientation & Sensitization Programme, UGC-MMTTC and GAD-MMTTC, University of Delhi. June 18-28, 2024.

FUTURE PLANS

The Department of Chemistry plans to initiate undergraduate and postgraduate in the field of Environmental science and sustainability.

6.3 DEPARTMENT OF CIVIL ENGINEERING

INTRODUCTION

The Department of Civil Engineering at Sir Padampat Singhania University, Udaipur is producing high quality technical manpower needed by industry, R&D organizations, and academic institutions. The academic activity of the Department emphasizes deep understanding of fundamental principles, development of creative ability to handle the challenges of Civil Engineering.

THRUST AREAS OF RESEARCH

- Sustainable Construction Materials & Techniques
- Cement and Concrete Technology
- Pavement Material Characterization
- Water and Wastewater Engineering

PUBLICATIONS IN REFEREED JOURNALS

- Gupta L, Kumar R, Chakrabarti T, Chakrabarti P and Margala M. 2024. Data analytics and modeling in context to determine moisture susceptibility of reclaimed asphalt foamed bituminous mix. Scientific Reports. **14** (1).
- Fatima E, Gupta L and Kumar R. 2024. Exploratory Study for the Development of Road Safety Index on Indian Roads. Periodica Polytechnica Transportation Engineering. **52** (1): 96-103.
- Agrawal V, Jain A, Shandilya T and Gupta R. 2024. Performance assessment and statistical analysis of concrete mixes incorporating glass waste powder. Proceedings on Engineering Sciences. **06** (2): 683-688.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Dr. Lokesh Gupta participated in one day webinar on Stability Analysis of Caisson Foundations: Theoretical and Numerical Analysis, National Institute of Technical Teachers Training and Research, Chennai, August 09, 2023.

INTELLECTUAL PROPERTY

- **Design number: 402025-001**
  Grant Date: April 5, 2024
  Registration date: December 12, 2023
  Title - Wheel Mounted Fly Ash Ball Mill Machine

ONLINE CERTIFICATIONS BY THE FACULTY

- Mr. Aman Jain participated in a Short-Term Course on Quality Control of Concrete, NITTTR, Chandigarh, October 9-13, 2023.
- Dr. Avinash Ojha participated in one week FDP on Quality Control of Concrete, NITTTR, Chandigarh, October 9-13, 2023.
- Dr. Avinash Ojha participated in one week FDP on Approaching Zero Waste Cities, NITTTR, Chandigarh, September 18 - 22, 2023.

RESEARCH COLLABORATION

Research collaboration with the Asian Institute of Technology, Bangkok on "Crisis Communication and Community Resilience: A Study on Public Awareness and Preparedness for Disasters in India," October 11, 2023.

SUMMER INTERNSHIPS/TRAININGS

The following students of B. Tech VII Semester completed the summer internship/training

Sr. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	**To**
1	Rudraksh Taunk	20CE002264	Shree Enterprises, Udaipur	June 10, 2023	July 28, 2023

OTHER ACTIVITIES

- Dr. Avinash Ojha delivered an expert lecture on Concrete Manufacturing Process, Sangyaan 2023: The Orientation Programme, SPSU. July 25, 2023.
- Dr. Avinash Ojha served as team Member for Summer Spectrum - National Art and Design Symposium, organized at Sir Padampat Singhania University, May 10-12, 2023.
- Dr. Avinash Ojha served as Coordinator of Workshop Session on Understanding of Self and Achieving Goals in Life, School of Engineering, SPSU. April 18, 2023.
- Dr. Lokesh Kumar served as convenor for the international seminar on Global Perspectives in Civil Engineering: Advancements & Innovations, Sir Padampat Singhania University. February 21, 2024.
- Dr. Lokesh Kumar served as convenor for one day workshop and bridge making contest SETU 2024, Sir Padampat Singhania University. March 7, 2024.

- Dr. Lokesh Kumar served as convenor for one day International Research Convention (IRC 2024), Sir Padampat Singhania University. March 19, 2024.
- Dr. Lokesh Kumar served as an organizing committee member for the International Conference on Navigating the Future: AI, Blockchain, Sustainable Development In The G-20 World, Sir Padampat Singhania University, Udaipur, April 19-20, 2024.
- Dr. Lokesh Kumar delivered an expert lecture on Contemporary and Conventional Construction Mixes in the Indian Road Transportation Sector, Aditya College of Technology & Science, Satna. November 7, 2023.

FUTURE PLANS

The Department plans to further strengthen the research and consultancy activities through funded research projects from various government and non-government agencies and industry collaborations and MOUs.

6.4 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

INTRODUCTION

The department of Computer Science and Engineering is committed to delivering a cutting-edge curriculum that is both academically rigorous and aligned with evolving industry trends. To enhance the learning experience, the department has established strategic partnerships with leading organizations. These collaborations provide our students with invaluable opportunities for hands-on learning through internships, workshops, and joint projects. By integrating expertise in areas such as digital transformation, agile development, and data analytics, the department ensures that the curriculum equips students with the skills needed to thrive in the dynamic global IT landscape.

THRUST AREAS OF RESEARCH

- Artificial Intelligence and Machine Learning
- Cloud-edge Computing
- Internet of Things (IoT)
- Cyber Security

PUBLICATIONS IN REFEREED JOURNALS

- Bhati A., Hiran KK, Vyas AK, Mijwil MM, Aljanabi M, Metwally ASM and Ahmad, H. 2024. Low-cost Artificial Intelligence Internet of Things based water quality monitoring for rural areas. Elsevier Journal, Internet of Things. **27**: 101255.
- Charanarur P, Hung BT, Chakrabarti P, Shankar SS. 2024. Design optimization-based software-defned networking scheme for detecting and preventing attacks. Multimedia Tools and Applications
  (https://doi.org/10.1007/s11042-024-18466-8)
- Chen X, Zhao Y, Liu K, Wang G, Song Y and Chakrabarti P. 2024. Shifting quality analysis of unmanned tractor equipped with series hydro-mechanical transmission. Transactions of the Canadian Society for Mechanical Engineers.
  (https://doi.org/10.1139/tcsme-2023-0123)
- Ghantasala SPG, Hung BT, Chakrabarti P, Sathiyaraj R and V Pellakuri. 2024. Artificial intelligence-based machine learning algorithm for prediction of cancer in female anatomy. Multimedia Tools and Applications
  (https://doi.org/10.1007/s11042-024-19655-1)
- Horng MF, Shieh CS, Ho F, Tuan NT and Chakrabarti P. 2024. Open-Set Recognition in Unknown DDoS Attacks Detection with Reciprocal Points Learning. IEEE Access,
  (https://doi.org/10.1109/ACCESS.2024.3388149)

- Koshti D, Gupta A, Kalla M and Sharma A. 2024. TRANS-VQA: Fully Transformer-Based Image Question-Answering Model Using Question-guided Vision Attention. Inteligencia Artificial. **27**(73): 111-128.

- Koshti D, Gupta A, M. Kalla, Kanjilal P and Shanbhag S. 2024. EDUVQA- Visual Question Answering: An Educational Perspective. Journal of Advanced Research in Applied Sciences and Engineering Technology. 42(1): 144-157.

- Kumar A, Upadhyay UK, Sharma G, Sharma RS, Mishra N and Kumawat J. 2024. Strengthening AI Governance through Advanced Cryptographic Techniques. International Journal of Intelligent Systems and Applications in Engineering, **12(**17): 553-560.

- Kumar J, Gupta R, Sharma S, Chakrabarti T, Chakrabarti P and Margala M. 2024. IoT-Enabled Advanced Water Quality Monitoring System for Pond Management and Environmental Conservation. IEEE Access (https://doi.org/10.1109/ACCESS.2024.3391807)

- Mangalampalli S, Syed SH, Gupta A, Reddy KG, Chakrabarti T, Chakrabarti P and Margala M. 2024. Multi Objective Prioritized workflow scheduling using Deep reinforcement based Learning in Cloud Computing. IEEE Access. (https://doi.org/ 10.1109/ACCESS.2024.3350741

- Muralidhar K, Shankar SS, Unhelkar B, Chakrabarti T and Chakrabarti P. 2024. Intelligent computational offloading for mobile-edge server computing and hybrid optimal resource allocation. Multimedia Tools and Applications. (https://doi.org/10.1007/s11042-024-18117-y)

- Nagarajan G, Margala M, Shankar SS, Chakrabarti P, Minu RI. 2024. A trust-centric approach to intrusion detection in edge networks for medical internet of thing ecosystems. Computers and Electrical Engineering. (https://doi.org/10.1016/j.compeleceng.2024.109129)

- Nanade A, Kumar A, Gupta A, Sharma A. 2024. Strengthening Fake News Detection: A Resilient Model with TweetTruth. International Journal of Intelligent System & Applications in Engineering. **12**(3): 2335-2342.

- Reddy DKP, Margala M, Shankar SS, Chakrabarti P. 2024. Early fire danger monitoring system in smart cities using optimization-based deep learning techniques with artificial intelligence. Journal of Reliable Intelligent Environments. (https://doi.org/10.1007/s40860-024-00218-y)

- Saini P, Shaktawat P. 2024. Identifying Affective Features of Music Tracks to Determine their Popularity using Machine Learning Approach. International Journal of Intelligent Systems and Applications in Engineering. **12**(4): 117-129.

- Shukla A, Dadhich M, Vaya D and Goel A. 2024. Impact of Behavioral Biases on Investors' Stock Trading Decisions: A Comprehensive Quantitative Analysis. Indian Journal of Science and Technology. **17**(8): 670-678.

- Sreenivas V, Sivaneasan BK, Vani S, Chakrabarti P. 2024. Twin Attention based multi-task convolution bidirectional long short term memory for facial expression recognition. Multimedia Tools and Applications.
(https://doi.org/10.1007/s11042-024-19201-z)

- Upadhyay UK, Kumar A, Sharma G, Saini AK, Arya V, Gaurav A and Chui KT. 2024. Mitigating Risks in the Cloud-Based Metaverse Access Control Strategies and Techniques". International Journal of Cloud Applications and Computing. **14**(1): 1-30.

- Upadhyay UK, Sharma A, Sharma G, Arya S, Panigrahi PK and Gupta BB. 2024. A systematic data-driven approach for targeted marketing in enterprise information system. Enterprise Information Systems. **18**(8):1058-1080.

- Upadhyay UK, Kumar A, Roy S and Rawat U. 2024. Balancing Innovation and Privacy: A Machine Learning Perspective. Journal of Discrete Mathematical Sciences & Cryptography. **27**(2-B):547-557

- Vijayan K, Kshirsagar PR, Sonekar SV, Chakrabarti P, Unhelkar B and Margala M. 2024. Optimizing IoT-enabled WSN routing strategies using whale optimization-driven multi-criterion correlation approach employs the reinforcement learning agent. Optical and Quantum Electronics. **56**: 568
(https://doi.org/10.1007/s11082-023-06269-4)

- Koshti D, Gupta A and Kalla M. 2023. Design of knowledge incorporated VQA based on spatial GCNN with structured sentence embedding and linking algorithm. Journal of Intelligent & Fuzzy Systems. 1-18.

- Koshti D, Gupta A, Kalla M and Sharma A. 2023. A comprehensive review and open challenges on visual question answering models. Aibi Research Management and Engineering Journal. **11**(3): 126-142.

- Kachare A, Kalla M, and Gupta A. 2023. Visual Question Generation Answering (VQG-VQA) using Machine Learning Models. WSEAS Transaction on Systems. **22**(67): 663-670.

- Mangalampalli S, Reddy KG, Gupta A, Chakrabarti T, Nallamala SH, Chakrabarti P, Unhelkar B and Margala M. 2023. Fault tolerant Trust based task scheduling algorithm using Haris Hawks optimization in Cloud Computing. Sensors. **23(**18):8009
https://doi.org/10.3390/s23188009)

PUBLICATIONS IN PROCEEDINGS OF CONFERENCES/ SYMPOSIA

- Bansal H, Gupta D and Anand D. 2024 Blockchain in Education 4.0: A Review. IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS), New Raipur, India. pp. 1-7.

- Koshti D, Gupta A, Kumar A and Kalla M. 2024. Knowledge Incorporated Image Question Answering using Wikidata Repository. Proc. Fourth Intl. Conf. Innovation in Computational Intelligence and Computer Vision. Manipal University Jaipur, India. April 10-11.

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- Mantoo BA and Bansal H. 2023. Darkness Behind the Darknet: A Comparative Analysis of Darknet Traffic and the Crimes Behind the Darknet Using Machine Learning. Proc. Intl. Conf. Recent Innovations in Computing. Lecture Notes in Electrical Engineering. Springer, Singapore. May 03. pp. 141-151.
- Shashi M, Saxena A, Vaya D, Pillai N, Chavan SS and Balarama CK. 2023. Enhancing Trust and Privacy in Edge and Cloud Computing Through Blockchain Technology. 6th International Conference on Contemporary Computing and Informatics (IC3I), Gautam Buddha Nagar, India, September 14-16. pp. 1812-1816.
- Hardas M, Mathur S, Dadhich M, Bhaskar A and Hiran KK. 2023. Multi-Class Classification of Retinal Fundus Images in Diabetic Retinopathy Using Probabilistic Neural Network. Proc. Intl. Conf. Emerging Trends in Networks and Computer Communications. August 16-18. pp. 275-282.
- Padate R, Gupta A, Kalla M, Sharma A. 2023. Federated Learning for Image Captioning: A Comprehensive Review of Privacy-Preserving Collaborative Model Training in Distributed Environments. Proc. Intl. Conf Edge Computing and Applications. GCT Tamil Nadu, India. July 19-21. pp. 857-865.
- Roy S, Saini P, Thakkar TH, Maranan R, Salve AR and Hemabala K. 2023. Data Mining Technology in Student Management Using SVM Techniques. Proc. 6th Intl. Conf Contemporary Computing and Informatics (IC3I), Gautam Buddha Nagar, India, September 14-16, pp. 1449-1453.

PAPERS PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIUM (IF NOT PUBLISHED AS FULL PAPER IN THE PROCEEDINGS)

Vaya D. 2023. Comparative Analysis of Natural Language Processing Techniques for Text Classification by Assessing Accuracy, Speed, and Robustness Performance Metrics. IEEE Intl. Conf. Multidisciplinary Research in Technology and Management. September 22-23.

CHAPTER(S) IN AN EDITED BOOK

- Aggarwal K, Doshi R, Mijwil MM, Hiran KK, Gök M and Bala I. 2024. A Simple Way to Comprehend the Difference and the Significance of Artificial Intelligence in Agriculture. In: Intelligent Techniques for Predictive Data Analytics. Wiley. pp. 189-201.

- Bansal H, Gupta D, and Anand D. 2024. Blockchain and Artificial Intelligence in Telemedicine and Remote Patient Monitoring. In: Handbook on Augmenting Telehealth Services. Taylor & Francis. pp. 279-294.

- Doshi R, Hiran KK. 2024. Explainable Artificial Intelligence as a Cybersecurity Aid. In: Advances in Explainable AI Applications for Smart Cities. IGI Global. pp. 98-113.

- Hiran KK and Dadhich M. 2024. Predicting the core determinants of cloud-edge computing adoption (CECA) for sustainable development in the higher education institutions of Africa: A high order SEM-ANN analytical approach. In: Technological Forecasting and Social Change. Elsevier. pp. 1-17.

- Jain RK, Hiran KK. 2024. BIONET: A Bio-Inspired Neural Network for Consensus Mechanisms in Blockchain Systems. In: Bio-Inspired Optimization Techniques in Blockchain Systems. IGI Global. pp. 78-100.

- Mijwil MM, Naji AS, Doshi R, Hiran KK, Bala I and Guma A. 2024. The Effect of Human-Computer Interaction on New Applications by Exploring the Use Case of ChatGPT in Healthcare Services. In: Modern Technology in Healthcare and Medical Education: Blockchain, IoT, AR, and VR. IGI Global. pp. 74-87.

- Mijwil MM, Bala I, Guma A, Aljanabi M, Abotaleb M, Doshi R and El-Kenawy ESM. 2024. Sensing of Type 2 Diabetes Patients Based on Internet of Things Solutions: An Extensive Survey. In: Modern Technology in Healthcare and Medical Education: Blockchain, IoT, AR, and VR. IGI Global. pp. 34-46.

- Singh G, Anand D and Bansal H. 2024. Application of AI for Disease Prediction. In: Handbook on Augmenting Telehealth Services. CRC Press. pp. 45-60.

BOOK(S) PUBLISHED

Khachariya HD, Saini P, Revathi P and Deepadharshana M. 2024. Web Technology. Scientific International Publishing House.

EDITED BOOK(S) PUBLISHED

- Hiran KK, Doshi R and Patel M (Eds.). 2024. Modern Technology in Healthcare and Medical Education: Blockchain, IoT, AR, and VR: Blockchain, IoT, AR, and VR. IGI Global.

- Hiran KK, Doshi R and Patel M (Eds.). 2024. Applications of Virtual and Augmented Reality for Health and Wellbeing. IGI Global.
- Doshi R, Dadhich M, Poddar S and Hiran KK (Eds.). 2024. Integrating Generative AI in Education to Achieve Sustainable Development Goals, IGI Global.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Ms. Poonam Saini attended a one-day workshop on "AI Tools," Be10X. May 5, 2024.
- Dipesh Vaya (Core Committee Member) attended International Conference on Navigating the Future: AI, Blockchain, Sustainable Development in the G-20 World, Sir Padampat Singhania University, Udaipur. April 19-20, 2024.
- Ms. Poonam Saini attended a one-week FDP on "Innovations and Applications of Computational Science in Indian Higher Education System," AIU, CUHP, AIU-CUHP-AADC and IQAC Chitkara University, HP. April 16-24, 2024.
- Dr. Kamal Hiran attended the International Research Convention, Sir Padampat Singhania University, Udaipur. March 19, 2024.
- Dr. Kamal Hiran attended a five-day International Faculty Development Programme on "Mastering the Art of Effective International Grants and Research Project Proposals," Sir Padampat Singhania University, Udaipur. March 14-18, 2024.
- Mr. Harsh Bansal attended a five-day Bootcamp on Innovation, Design, and Entrepreneurship, SKIT Jaipur organized by the Ministry of Educations Innovation Cell and the All-India Council for Technical Education. January 29-February 2, 2024.
- Mr. Harsh Bansal attended a five-day faculty development programme on "Building Advanced Data Analytics Applications with Cloud," AICTE and Edunet Foundation. September 25-29, 2023.

INTELLECTUAL PROPERTY

- **Design Number: 202411039774** Indian Patent Publication
  Grant date: June 21, 2024
  Registration date: May 21, 2024
  Title of invention: AI-Powered Innovation: Tracking Software Development Progress in Scaled Agile Framework with Precision and Efficiency
- **Design Number: 411981-001** Indian Design Patents Granted
  Grant date: May 17, 2024
  Registration date: March 29, 2024
  Title of invention: Route follower based shopping robot
- **Design Number: 410588-001** Indian Design Patents Granted
  Grant date: May 16, 2024
  Registration date: March 15, 2024

Title of invention: Advanced robotic hand for industrial application

- **Design Number: 6363135** UK Design Granted
  Grant date: May 9, 2024
  Registration date: April 30, 2024
  Title of invention: Artificial Intelligence based lung cancer detecting device

- **Design Number: 409873-001** Indian Design Patents Granted
  Grant date: May 2, 2024
  Registration date: March 8, 2024
  Title of invention: Optical filter for microscope condenser lens

- **Design Number: 408925-001** Indian Design Patents Granted
  Grant date: May 2, 2024
  Registration date: February 27, 2024
  Title of invention: Apparatus to separate proteins as per molecule

- **Design Number: 407234-001** Indian Design Patents Granted
  Grant date: April 25, 2024
  Registration date: February 11, 2024
  Title of invention: AI based device to identify functioning of blood circulation

- **Design Number: 407665-001** Indian Design Patents Granted
  Grant date: April 25, 2024
  Registration date: February 2, 2024
  Title of invention: IoT based wireless charging station

- **Design Number: 406169-001** Indian Design Patents Granted
  Grant date: April 18, 2024
  Registration date: January 31, 2024
  Title of invention: IoT based device to manage home appliance through hand gestures

- **Design Number: 6357450** UK Design Granted
  Grant date: April 15, 2024
  Registration date: April 6, 2024
  Title of invention: Remote Controller for live streaming devices

- **Design Number: 6356365** UK Design Granted
  Grant date: April 10, 2024
  Registration date: April 01, 2024
  Title of invention: Machine learning based humanoid device for object identification

- **Design Number: 6355762** UK Design Granted
  Grant date: April 9, 2024
  Registration date: March 28, 2024
  Title of invention: Sensor based jacket for early detection of cervical cancer

- **Design Number: 405163-001** Indian Design Patents Granted
  Grant date: March 15, 2024
  Registration date: January 19, 2024
  Title of invention: Attendance Management System

- **Design Number: 405973-001** Indian Design Patents Granted

  Grant date: March 15, 2024

  Registration date: January 29, 2024

  Title of invention: IOT based cutting machine for agricultural purpose

- **Design Number: 403541-001** Indian Design Patents Granted

  Grant date: March 1, 2024

  Registration date: December 12, 2023

  Title of invention: IOT enabled respiratory sensing device

- **Design Number: 408845-001**

  Grant date: February 2024

  Title of invention: Machine Learning Based Wearable Device to Reduce Workplace Accident

- **Design Number: 6347195** UK Design Granted

  Grant date: February 27, 2024

  Registration date: February 16, 2024

  Title of invention: Wireless Laptop Charger with Cooling Pad

- **Design Number: 6345789** UK Design Granted

  Grant date: February 20, 2024

  Registration date: February 8, 2024

  Title of invention: Multi-purpose cauterization tool for ayurveda

- **Design Number: 403294-001** Indian Design Patent Granted

  Grant date: February 2, 2024

  Registration date: December 12, 2023

  Title of invention: Mathematics teaching kit to enhance learning

- **Design Number: 6338377** UK Design Granted

  Grant date: January 29, 2024

  Registration date: January 10, 2024

  Title of invention: Wearable Device for visually impaired people

- **Design Number: 6338621** UK Design Granted

  Grant date: January 22, 2024

  Registration date: January 11, 2024

  Title of invention: Blockchain based medical data storage cloud device

- **Design Number: 6330696** UK Design Patent Grant

  Grant date: December 12, 2023

  Registration date: December 4, 2023

  Title of invention: AI-Enhanced Diagnostic Imaging System for Early Disease Detection

- **Design Number: 6330587** UK Design Granted

  Grant date: December 12, 2023

  Registration date: December 02, 2023

  Title of invention: Hybrid Solar and wind powered charging station for e-vehicle

- **Design Number: 6329402** UK Design Granted
  Grant date: December 06, 2023
  Registration date: November 28, 2023
  Title of invention: Artificial intelligence enabled device for singer recognition
- **Design Number: 6326050** UK Design Granted
  Grant date: November 22, 2023
  Registration date: November 14, 2023
  Title of invention: Sensor based automated rail track inspection trolley
- **Design Number: 395627-001** UK Design Patent Grant
  Grant date: November 10, 2023
  Registration date: September 21, 2023
  Title of invention: Laptop Charging Device using Artificial Intelligence Techniques
- **Design Number: 6322511** UK Design Granted
  Date of grant: November 07, 2023
  Date of registration: October 28, 2023
  Title of invention: Sensor Based Breath Analyser
- **Design Number: 6320952** UK Design Granted
  Grant date: November 02, 2023
  Registration date: October 23, 2023
  Title of invention: Sensor based streetlight changing robot
- **Design Number: 6320795** UK Design Granted
  Grant date: October 30, 2023
  Registration date: October 21, 2023
  Title of invention: Smart Floor Cleaning Robot
- **Design Number: 6320793** UK Design Granted
  Grant date: October 27, 2023
  Registration date: October 21, 2023
  Title of invention: Solar tree for energy generation

RESEARCH COLLABORATION

- Dr. Kamal Kant Hiran collaborated with the following to carry out research on specific areas of Artificial Intelligence, Cloud-edge Computing and Technology adoption:
  - Aalborg University, Copenhagen, Denmark
  - Tecnologico de Monterrey, Monterrey, Nuevo Leon, Mexico
  - Lincoln University College, Petaling Jaya, Malaysia as a Post Doc research scholar in the domain of Sustainable Development Goals

Dipesh Vaya collaborated with Muma College of Business, University of South Florida (Sarasota-Manatee Campus) as Co-Supervisor for International Internship Project to carry out research on specific areas of Artificial Intelligence.

SUMMER INTERNSHIPS/TRAININGS

The following students of B. Tech VII Semester completed the summer internship/training

S. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	To
1	C Laxita M	21CS002311	Xebia	May 21, 2024	July 4, 2024
2	Himanshu Choudhary	21CS002315	Xebia	May 21, 2024	July 4, 2024
3	Mohammed Amin	21CS002327	Xebia	May 21, 2024	July 4, 2024
4	Aadhya Gajjar	21CS002356	Xebia	May 21, 2024	July 4, 2024
5	Naman Bharat Gour	21CS002328	Vachved Digital Sol	May 25, 2024	July 4, 2024
6	Anamika Gupta	21CS002360	Xebia	May 21, 2024	July 4, 2024
7	Angothu Muni	21CS002361	Xebia	May 21, 2024	July 4, 2024
8	Bairagoni Manikanth	21CS002362	Xebia	May 21, 2024	July 4, 2024
9	Biradhar Nithin Kumar	21CS002364	Xebia	May 21, 2024	July 4, 2024
10	Chennuru Giridhar	21CS002368	Feynn Labs	May 22, 2024	July 5, 2024
11	Cheryala Nikhil	21CS002369	Xebia	May 21, 2024	July 4, 2024
12	Dharita Bhoi	21CS002372	Xebia	May 21, 2024	July 4, 2024
13	G Karthik Reddy	21CS002374	Xebia	May 21, 2024	July 4, 2024
14	G Harish Reddy	21CS002375	Metaforge IT Sol	May 27, 2024	July 10, 2024
15	Karthik Burgula	21CS002385	BHE Hyderabad	May 26, 2024	July 9, 2024
16	K Sharath Reddy	21CS002388	Xebia	May 21, 2024	July 4, 2024
17	Miqdad Dalal	21CS002394	Lantern Digital	May 25, 2024	July 4, 2024
18	Mogulla Shiva Kumar	21CS002395	Xebia	May 21, 2024	July 4, 2024
19	Priyanka Joshi	21CS002404	Xebia	May 21, 2024	July 4, 2024
20	Puppala Tharun	21CS002406	Xebia	May 21, 2024	July 4, 2024
21	Raja Rawat	21CS002408	Xebia	May 21, 2024	July 4, 2024
22	Rakhi Pancholi	21CS002409	Xebia	May 21, 2024	July 4, 2024

23	Ramansh Tolambiya	21CS002411	Xebia	May 21, 2024	July 4, 2024
24	Ravi Paliwal	21CS002412	Xebia	May 21, 2024	July 4, 2024
25	Shashwat Tiwari	21CS002417	Xebia	May 21, 2024	July 4, 2024
26	S Shiva Kumar	21CS002421	Xebia	May 21, 2024	July 4, 2024
27	Syed Roshan	21CS002424	Xebia	May 21, 2024	July 4, 2024
28	Tati Sai Raghava	21CS002425	Xebia	May 21, 2024	July 4, 2024
29	Vedant	21CS002432	R.Tech	May 20, 2024	July 3, 2024
30	Yash Choudhary	21CS002435	Lantern Digital	May 22, 2024	July 5, 2024
31	Vikash Lohar	21CS002354	Beyoung	May 26, 2024	July 9, 2024
32	B P Keerthi Priya	21CS002365	Brightgeeks Technology	May 23, 2024	July 6, 2024
33	Butti Nithin	21CS002366	Prodigy infotech	May 21, 2024	July 4, 2024
34	G Kalyan Teja	21CS002373	Codealpha	May 31, 2024	July 14, 2024
35	G Gowtham Reddy	21CS002378	VOIS foundation	May 31, 2024	July 14, 2024
36	K Hrishikesh Reddy	21CS002382	Monomark Engineering India Pvt Ltd	May 27,2024	July 10, 2024
37	K Vishnu Vardhan Reddy	21CS002383	ByteUprise	May 21, 2024	July 4, 2024
38	Kapil Patel	21CS002384	Aditya Birla Century Pulp	May 21, 2024	July 4, 2024
39	Keshav Meena	21CS002387	Octal IT Solution	May 21, 2024	July 4, 2024
40	L Avinash Yadav	21CS002389	Slashmark IT Solutions	May 21, 2024	July 4, 2024
41	M Vimal Kumar	21CS002391	Topperworld E-Learning	May 21, 2024	July 4, 2024
42	Mandava Vasu	21CS002392	Prodigy Infotech	May 21, 2024	July 4, 2024
43	M Shiva Keshav Reddy	21CS002396	Codealpha	May 21, 2024	July 4, 2024
44	M Bhanuchander Reddy	21CS002397	Prodigy	May 21, 2024	July 4, 2024
45	Muppala Jeethu	21CS002398	Prodigy	May 21, 2024	July 4, 2024
46	Pabba Advik	21CS002399	Technophilia Business Club, IIT Kharagpur	May 21, 2024	July 4, 2024

47	A Nithees Reddy	21CS002357	YBI foundation Inc.	May 21, 2024	July 4, 2024
48	Abbu Sridhar	21CS002358	IBM Skill Build	May 21, 2024	July 4, 2024
49	Chaya Ameta	21CS002367	Kadel Labs	May 21, 2024	July 4, 2024
50	C Sathwika	21CS002370	Slash Mark IT Startup	May 21, 2024	July 4, 2024
51	K Uday Kumar	21CS002386	Slash Mark IT Startup	May 21, 2024	July 4, 2024
52	U Uday Kiran	21CS002427	Prodigy infotech	May 21, 2024	July 4, 2024
53	V C Suresh Reddy	21CS002429	CIT Intern Studio	May 21, 2024	July 4, 2024
54	V Maheshwar Rao	21CS002430	Codealpha	May 21, 2024	July 4, 2024
55	Y Vamsi Krishna Reddy	21CS002434	Prasunet Company	May 21, 2024	July 4, 2024
56	Tharun Puppala	21CS002406	Xebia	May 21, 2024	July 4, 2024
57	Abhijit Tiwari	21CS002302	Diginique	May 21, 2024	July 4, 2024
58	Anjali Ahuja	21CS002303	VOIS foundation	May 21, 2024	July 4, 2024
59	Anjali Teli	21CS002304	Salesforce	May 21, 2024	July 4, 2024
60	Anjali Upadhyay	21CS002305	IIT Patna	May 21, 2024	July 4, 2024
61	Ashish Patel	21CS002307	NESA Centre, ISRO	May 21, 2024	July 4, 2024
62	Bittu Kumar	21CS002309	IIT Patna	May 21, 2024	July 4, 2024
63	Deepak Jha	21CS002312	ResAIShala	May 21, 2024	July 4, 2024
64	Harshit Purohit	21CS002314	Salesforce	May 21, 2024	July 4, 2024
65	Himanshu Sen	21CS002316	Vachved Digital Solution	May 21, 2024	July 4, 2024
66	Jyotya Sachan	21CS002317	C-DOT	May 21, 2024	July 4, 2024
67	Kajal Janwa	21CS002318	Xebia	May 21, 2024	July 4, 2024
68	Kajal Tiwari	21CS002319	UltraTech Cement	May 21, 2024	July 4, 2024
69	Kavita Shaktawat	21CS002321	Xebia	May 21, 2024	July 4, 2024
70	Komal Sen	21CS002322	Salesforce	May 21, 2024	July 4, 2024
71	Lakshmi Rajput	21CS002324	Salesforce	May 21, 2024	July 4, 2024
72	Lokesh Chouhan	21CS002326	Vachved Digital Solution	May 21, 2024	July 4, 2024

73	Lavanya Agrawal	21CS002325	E Connect Solutions Pvt. Ltd.	May 21, 2024	July 4, 2024
74	Nikita Tejwani	21CS002331	Vachved Digital Solution	May 21, 2024	July 4, 2024
75	Om Prakash Patidar	21CS002332	Salesforce	May 21, 2024	July 4, 2024
76	Palak Choudhary	21CS002333	Technology Twist	May 21, 2024	July 4, 2024
77	Prashant Pal	21CS002336	IIT Patna	May 21, 2024	July 4, 2024
78	Princy Paliwal	21CS002338	EhrLogic It Services	May 21, 2024	July 4, 2024
79	Raghav Joshi	21CS002339	Aditya Birla Century Pulp	May 21, 2024	July 4, 2024
80	Rohit S Palawat	21CS002342	ByteUprise	May 21, 2024	July 4, 2024
81	Sarika K Dubey	21CS002343	Salesforce	May 21, 2024	July 4, 2024
82	Saurabh Jawaria	21CS002344	ByteUprise	May 21, 2024	July 4, 2024
83	Shifa S Sheikh	21CS002345	Xebia	May 21, 2024	July 4, 2024
85	Shivani Joshi	21CS002346	Vachved Digital Solution	May 21, 2024	July 4, 2024
86	Shruti Gaur	21CS002347	JK Cement	May 21, 2024	July 4, 2024
87	Suraj Joshi	21CS002350	ByteUprise	May 21, 2024	July 4, 2024
88	Tushar R Virwal	21CS002351	Vachved Digital Solution	May 21, 2024	July 4, 2024
89	Varnika Gupta	21CS002352	ResAIShala	May 21, 2024	July 4, 2024
90	Vedangi Vyas	21CS002353	Xebia	May 21, 2024	July 4, 2024
91	Bhupendra S Deora	21CS002436	Salesforce	May 21, 2024	July 4, 2024
92	Prince Yadav	21CS002452	Aditya Birla Century Pulp	May 21, 2024	July 4, 2024
93	Gopesh Mathur	22L3CS2463	ByteInfotech	May 21, 2024	July 4, 2024
94	P Naga Babu	21CS002403	Nujiveedu Solutions	May 21, 2024	July 4, 2024
95	T Gowtham Reddy	21CS002426	CIT Intern Studio	May 21, 2024	July 4, 2024
96	Vikram Mali	21CS002438	ResAIShala	May 21, 2024	July 4, 2024

ONLINE CERTIFICATIONS BY THE FACULTY

- Dr. Ashutosh Gupta completed the following online Certifications/Courses -
  Computer Science & Engineering, NPTEL DISCIPLINE STAR. January-April 2024
  Affective Computing, NPTEL. January-April 2024
  Edge Computing, NPTEL. January-April 2024
- Mr. Brajesh Kumar Sharma completed the following online Certifications/Courses
  National Education Policy2020: Professional Development Program, Swayam. May 1-31, 2024
  R Programming, IIT Bombay - Spoken Tutorial. May 15-21, 2024
  Moodle Test for Teachers, IIT Bombay - Spoken Tutorial. June 15-21, 2024
  NEP (2020) Orientation & Sensitization Programme, UGC MMTTC, Aligarh Muslim University, Aligarh. June 4-12, 2024
- Mr. Dipesh Vaya completed the following online Certifications/Courses -
  SAS® Visual Analytics 2 for SAS® Viya®: Advanced. SAS. Sep 28, 2023
  SAS® Visual Analytics 1 for SAS® Viya®: Basics. SAS. August 25, 2023.
  Beginners' Guide to Writing a Manuscript in LaTex, Elsevier Researcher Academy. July 13, 2023
- Mr. Harsh Bansal completed the following online Certifications/Courses
  Cybersecurity for Blockchain. Ground Up, EC-COUNCIL. August 11, 2024
  Agreement Management using Hyperledger Fabric V2.5 (Full Stack Application), BlocktechMedia. May28, 2024

ONLINE CERTIFICATIONS/COURSES BY THE STUDENTS

S. No.	Name of the Student	Enrolment No.	Name of Online Certification / Course	Organization	Duration
1	Abdul Rahman	23CS002674	Cloud Digital Leader	Google Cloud	Jan-May'24
2	Aryan Bunkar	23CS002741	Cloud Digital Leader	Google Cloud	Jan-May'24
3	D Karthik	23CS002669	Cloud Digital Leader	Google Cloud	Jan-May'24
4	Guduru Vaibhav	23CS002664	Cloud Digital Leader	Google Cloud	Jan-May'24
5	G Sai Ram Reddy	23CS002656	Cloud Digital Leader	Google Cloud	Jan-May'24
6	Jitendra Saini	23CS002720	Cloud Digital Leader	Google Cloud	Jan-May'24

7	Kashyap Ojha	23CS002718	Cloud Digital Leader	Google Cloud	Jan-May'24
8	Maduri Pramith	23CS002686	Cloud Digital Leader	Google Cloud	Jan-May'24
9	Manish Kumawat	23CS002721	Cloud Digital Leader	Google Cloud	Jan-May'24
10	M Abdul Maliq	23CS002670	Cloud Digital Leader	Google Cloud	Jan-May'24
11	N Rishitha	23CS002730	Cloud Digital Leader	Google Cloud	Jan-May'24
12	P.Sri Madhuri	23CS002714	Cloud Digital Leader	Google Cloud	Jan-May'24
13	Palepu Karthik	23CS002668	Cloud Digital Leader	Google Cloud	Jan-May'24
14	Pranav Sankhla	23CS002723	Cloud Digital Leader	Google Cloud	Jan-May'24
15	Revanth Reddy	23CS002660	Cloud Digital Leader	Google Cloud	Jan-May'24
16	Rohit Vaishnav	23CS002734	Cloud Digital Leader	Google Cloud	Jan-May'24
17	Samala Srikar	23CS002671	Cloud Digital Leader	Google Cloud	Jan-May'24
18	Areeb H Kazmi	22L3CS2465	Data Analyst	Google Cloud	Jan-May'24
19	B Sunitha	21CS002308	Data Analyst	Google Cloud	Jan-May'24
20	BP Keerthi Priya	21CS002365	Data Analyst	Google Cloud	Jan-May'24
21	Butti Nithin	21CS002366	Data Analyst	Google Cloud	Jan-May'24
22	Chaya Ameta	21CS002367	Data Analyst	Google Cloud	Jan-May'24
23	C Sathwika	21CS002370	Data Analyst	Google Cloud	Jan-May'24
24	G Kalyan Teja	21CS002373	Data Analyst	Google Cloud	Jan-May'24

25	G Gowtham Reddy	21CS002378	Data Analyst	Google Cloud	Jan-May'24
26	JNS Siva Rao	21CS002379	Data Analyst	Google Cloud	Jan-May'24
27	Kajal Giri	21CS002381	Data Analyst	Google Cloud	Jan-May'24
28	K Uday Kumar	21CS002386	Data Analyst	Google Cloud	Jan-May'24
29	Keshav Meena	21CS002387	Data Analyst	Google Cloud	Jan-May'24
30	M. Vimal Kumar	21CS002391	Data Analyst	Google Cloud	Jan-May'24
31	M Shiva Keshava Reddy	21CS002396	Data Analyst	Google Cloud	Jan-May'24
32	Pabba Advik	21CS002399	Data Analyst	Google Cloud	Jan-May'24
33	Pabba Deepak	21CS002400	Data Analyst	Google Cloud	Jan-May'24
34	P Saiteja	21CS002407	Data Analyst	Google Cloud	Jan-May'24
35	S Vikas	21CS002414	Data Analyst	Google Cloud	Jan-May'24
36	S Siddhartha	21CS002415	Data Analyst	Google Cloud	Jan-May'24
37	S Mohammad Ayub	21CS002416	Data Analyst	Google Cloud	Jan-May'24
38	S Sanjana	21CS002418	Data Analyst	Google Cloud	Jan-May'24
39	Siddharth Kumawat	21CS002419	Data Analyst	Google Cloud	Jan-May'24
40	S Rakesh Kumar	21CS002422	Data Analyst	Google Cloud	Jan-May'24
41	V C Suresh Reddy	21CS002429	Data Analyst	Google Cloud	Jan-May'24
42	V Surishetty	22L3CS2464	Data Analyst	Google Cloud	Jan-May'24

43	Varshraj Singh	21CS002431	Data Analyst	Google Cloud	Jan-May'24
44	Vishnu V Reddy K	21CS002383	Data Analyst	Google Cloud	Jan-May'24
45	Y Vamsi K Reddy	21CS002434	Data Analyst	Google Cloud	Jan-May'24
46	Abhinav Choudhary	20CS002267	Associate Cloud Engineer	Google Cloud	Jan-May'24
47	Anand Bhaskar	20CS002269	Associate Cloud Engineer	Google Cloud	Jan-May'24
48	Babu Priyatham P Chinta	20CS002270	Associate Cloud Engineer	Google Cloud	Jan-May'24
49	Jayant S Jhala	20CS002272	Associate Cloud Engineer	Google Cloud	Jan-May'24
50	Jhalak Soni	20CS002294	Associate Cloud Engineer	Google Cloud	Jan-May'24
51	Kavampally Vinay	20CS002273	Associate Cloud Engineer	Google Cloud	Jan-May'24
52	P Shritha Reddy	20CS002280	Associate Cloud Engineer	Google Cloud	Jan-May'24
53	P Siri Reddy	20CS002281	Associate Cloud Engineer	Google Cloud	Jan-May'24
54	P Maniteja	20CS002279	Associate Cloud Engineer	Google Cloud	Jan-May'24
55	Sathvik Reddy	20CS002268	Associate Cloud Engineer	Google Cloud	Jan-May'24
56	T Kiran Kumar	20CS002282	Associate Cloud Engineer	Google Cloud	Jan-May'24
57	T Srikanth Reddy	20CS002284	Associate Cloud Engineer	Google Cloud	Jan-May'24
58	Ukant Jadia	20CS002286	Associate Cloud Engineer	Google Cloud	Jan-May'24
59	Vardhan Kavvampally	20CS002274	Associate Cloud Engineer	Google Cloud	Jan-May'24
60	V Yeswanth Taladi	20CS002283	Associate Cloud Engineer	Google Cloud	Jan-May'24

61	V Pavan Kumar	20CS002287	Associate Cloud Engineer	Google Cloud	Jan-May'24
62	Yeggoni Vidyasagar	20CS002288	Associate Cloud Engineer	Google Cloud	Jan-May'24

FACULTY ACHIEVEMENTS

- Dr. Kamal Kant Hiran received the recognition from the IEEE, USA Advancing Technology for Humanity for Top 2% in the world as a Senior Member in the IEEE

- Prof.(Dr.) Prasun Chakrabarti delivered an expert research oriented lecture on Applications of Artificial Intelligence in Smart Grids, Power and Energy Laboratory, Engineering Cluster, Singapore Institute of Technology, Singapore. January 11, 2024.

- Mr. Harsh Bansal awarded with Jetson Nano Developer Kit for Embedded AI Lab from Nvidia

- Prof.(Dr.) Prasun Chakrabarti is a Visiting Senior Scientist at the Processing and Robotics Lab, Department of Advanced Electronic Engineering, Shibaura Institute of Technology, Tokyo, Japan. April 3, 2024 - April 2, 2026.

- Prof.(Dr.) Prasun Chakrabarti is an Honorary Adjunct Distinguished Professor, School of Innovative Design and Management, National Taipei University of Business, Taiwan. February 21, 2024 - February 20, 2027.

- Prof.(Dr.) Prasun Chakrabarti is an Invited Visiting Senior Scientist, Research Institute on IoT and Cybersecurity, National Kaohsiung University of Science and Technology, Taiwan. September 27, 2023 - September 26, 2026.

STUDENT ACHIEVEMENTS

- First Position, Smart India Hackathon, Ministry of Education, GoI for the problem statement "Novel Technology for Early Detection and Mitigation of Avalanches" posed by the Ministry of Defence. December 19 - 20, 2023
  Toshik Soni (22CS002485), Dhruv Lodha (22CS002558), Kusum Menaria (22CS002508), Mitali Thapa (22CS002602), M Tauqeer Raza 922CS0026140 and Wasfa Haider Kazmi (22CS002483)

- Best Performing Teams - Idea Pitching Session of Innovation, Design, and Entrepreneurship Bootcamp, SKIT Jaipur, Ministry of Education's Innovation Cell and the All-India Council for Technical Education, January 29 - February 2, 2024
  Toshik Soni (22CS002485), Dhruv Lodha (22CS002558), Kusum Menaria (22CS002508), Mitali Thapa (22CS002602), M Tauqeer Raza 922CS0026140 and Wasfa Haider Kazmi (22CS002483)

- Second position - CVMU Hackathon 2.0, ADIT, Gujarat for project JARVIS. March 4-5, 2024. Team Shakespeare - Ashish Patel (21CS002307), Anjali Upadhyay (21CS002305), Harshitha Maratha (22CS002502) and Dilkush Giri Goswami (22CS002490)

- Third position - CVMU Hackathon 2.0, ADIT, Gujarat for project named IoT- Driven Library Automation. March 4-5, 2024. Team Resolvers - Unnati Sutradhar (22CS002533), Priya Jagetiya (22CS002562) and Tarun Nagar (22CS002547) and Achyut Pancholi (22CS002544)

FUTURE PLANS

The Computer Science Department aims to advance its academic and research goals through key initiatives like strengthening industry collaborations to bring real-world expertise into the classroom and research projects, Faculty Development Programmes shall be organised to stay abreast with new technologies, and prioritizing undergraduate research. The department plans to apply for NBA accreditation and so shall focus on exceeding required standards and increasing industry engagement through seminars and guest lectures. Additionally, student exchange programmes with Indian and international institutes shall be explored, along with international mentorships for MTech and PhD students. The department also plans to promote social responsibility by offering computer literacy programmes to nearby communities.

6.5 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING AND ELECTRICAL ENGINEERING

INTRODUCTION

The Department of Electronics & Communication Engineering and Electrical Engineering offers undergraduate, postgraduate, and doctoral degree programmes aimed at enhancing students' fundamental knowledge and their experimental, computational, and analytical skills. The department emphasizes a "learning by doing" approach, ensuring students gain practical, hands-on experience.

To support this, the department is equipped with state-of-the-art laboratories, including the Electrical & Analog Electronics Lab, Microwave µW and Power Electronics Lab, Antenna Lab, Microprocessor and Microcontroller µC Lab, Digital Signal Processing and VLSI Lab, Digital Electronics and Communication Lab, Instrumentation Lab, Project Lab, Electrical Technology Lab, Electrical Machine Lab, Power Electronics Lab, Electrical Measurement Lab, Electric Drives Lab, Control System Lab, Power System Design Lab, and a software-based lab. These facilities provide students with comprehensive knowledge and real-world application experience. All programmes follow an outcome-based education model to ensure that learning is focused on measurable results and practical competencies.

THRUST AREAS OF RESEARCH

- Embedded Systems, Wireless sensor networks, IOT and energy harvesting
- Implementation of defected ground structure in antenna system
- Implementation of defected ground structure in ultra-wide band for band pass filter associated with microwave techniques
- Smart Grid and solar cell analysis
- Reactive power compensation in FACTS

PUBLICATIONS IN REFEREED JOURNALS

- Monali C and Bhaskar A A. 2024. Improved wLEACH Based on Real-time Wind Speed Meteorological Data. Wireless Personal Communication. 133**(1)**: 2321-2337.

PUBLICATIONS IN PROCEEDINGS OF CONFERENCES/ SYMPOSIA

- Dadhich M, Purohit H, Tirole R, Mathur S and Jain A. 2023. Industry 4.0 revolution towards a future-ready society and manufacturing excellence. Proc. AIP Conference Proceedings, pp. 2521.
- Singh N, Almas SK, Tirole R, Jain A, Shukla S and Kumar Y. 2023. Analysis of optimum cost and size of the hybrid power generation system using optimization technique.

Proc. IEEE 12th Intl. Conf. Communication Systems and Network Technologies (CSNT), pp. 284-291.

- Tirole R. 2023. Optimal Generation Scheduling of Cascade Hydroelectric Power Plant using NSAIW PSO Technique. Proc. 4th Electric Power and Renewable Energy Conference (EPREC-2023), NIT Jamshedpur, pp. 1-6.
- Narkhede N, Mathur S, Bhaskar A A and Dadhich M. 2023. A New Methodical Perspective for Classification and Recognition of Music Genre Using Machine Learning Classifiers. Proc. Intl. Conf. Emerging Trends in Networks and Computer Communications, ETNCC 2023, pp. 94–99.
- Hardas M, Mathur S, Dadhich M, Bhaskar A A. 2023. Multi-Class Classification of Retinal Fundus Images in Diabetic Retinopathy Using Probabilistic Neural Network. Proc. Intl. Conf. Emerging Trends in Networks and Computer Communications, ETNCC 2023, pp. 275–282.

CHAPTER(S) IN AN EDITED BOOK

- Hardas, M, Mathur S and Bhaskar A A. 2023. Classification of Fundus Images Based on Severity Utilizing SURF Features from the Enhanced Green and Value Planes, Lecture Notes in Electrical Engineering, 998 LNEE, pp. 859–871

RESEARCH COLLABORATION

- Ritesh Tirole collaborated with Michal Jasinski, Associate Professor, Wroclaw University of Science and Technology, Department of Electrical Engineering Fundamentals for International Research Internship (remote mode) on Energy Issues in Internet of Things (IoT). December 1, 2023 - March 31, 2024
  Students - Brijesh Saha (22EC002592), Deepak Raut (22EC002479), Bibek Jaishi (22EC002593), Tarang Srivas (20EC002285), Mohamed Ahmed Omer Ahmed (22EC002619)
- Anand A Bhaskar, collaborated with Michal Jasinski, Associate Professor, Wroclaw University of Science and Technology, Department of Electrical Engineering Fundamentals for International Research Internship (remote mode) on Applications of Internet of Things (IoT). December 1, 2023 - March 31, 2024
  Students - Yunik Salvi (22L5EC2462) , Telagathoti Teja (19EC002233) , Mayur Lohar (23L3EC2804), CS Venkata Krishna (21EC002446), Kaithy Yashwanth Nadesh (21EC002380), P Manoj C S (21EC002451)
- Anand A Bhaskar, collaborated with Michal Jasinski, Associate Professor, Wroclaw University of Science and Technology, Department of Electrical Engineering Fundamentals for International Research Internship (remote mode) on Investigations on industrial applications based on VLSI & Embedded System. December 1, 2023 - March 31, 2024

Students - Harshvardhan Pujari (21EC002441), Lavanya Mali (21EC002443), Mohit Swami (21EC002444), Karina Bairagi (21EC002457), Mohammed Amin Sheikh (21EC002439), Sharma Manish Shivavtar (22EC002594)

SUMMER INTERNSHIPS/TRAININGS

The following students of B. Tech VI Semester completed the summer internship/training

Sr. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	**To**
1	K Yashwanth Nadesh	21EC002380	Telangana Power Generation Cooperation Ltd	May 13, 2024	July 24, 2024
2	M Amin Sheikh	21EC002439	Shree Bhawani Engineering, Udaipur	May 20, 2024	July 13, 2024
3	Harshvardhan Pujari	21EC002441	Shree Bhawani Engineering, Udaipur	May 20, 2024	July 13, 2024
4	Lavanya Mali	21EC002443	Shree Bhawani Engineering, Udaipur	May 20, 2024	July 13, 2024
5	Mohit Swami	21EC002444	JK Cement, Nimbahera	May 27, 2024	July 13, 2024
6	C Sai Venkata Krishna	21EC002446	Telangana Power Generation Corporation Ltd.	June 13, 2024	July 24, 2024
7	P Manoj C Siddhardha	21EC002451	Telangana Power Generation Corporation Ltd.	June 13, 2024	July 24, 2024
8	Karina Bairagi	21EC002457	Shree Bhawani Engineering, Udaipur	May 20, 2024	July 13, 2024

ONLINE CERTIFICATIONS/COURSES BY THE STUDENTS

Name of the Student	Enrolment No.	Name of Online Certification / Course	Organization	Duration
Mohit Swami	21EC002444	CMOS Digital VLSI Design	NPTEL	Jan-Mar 2024
		Deep Learning	NPTEL	Jan-Apr 2024
		Industrial Automation and Control	NPTEL	Jan-Apr 2024
Hanumantha Navaneetha Reddy	23EC002644	The Joy of Computing using Python	NPTEL	Jan-Apr 2024

OTHER ACTIVITIES

- Dr. Anand A Bhaskar and Dr. Ritesh Tirole visited to e-Infochips Ahmedabad, Gujarat. December 11, 2023.
- Seminar on Robotics Display, Fateh School, Udaipur, District Level Science Fair 2023-24. September 21-23, 2023. Students demonstrated wheeled mobile robots, Raspberry Pi based Desktop and Drones (Quad & Hexa) developed by them at SPSU. The following students participated Tarang Srivas (20EC002285), Yunik Salvi (22L5EC2462), Harshvardhan Pujari (21EC002441) and Karina B (21EC002457)

Students at Robotics Display at Fateh School, Udaipur

- Department of E&CE organized Robotics Workshop at St. Mary's Senior Secondary School, Udaipur for 12th grade students. The following students participated - Tarang Srivas (20EC002285), Yunik Salvi (22L5EC2462), Harshvardhan Pujari (21EC002441) and Karina B (21EC002457). September 28, 2023

Dr. Anand Bhaskar and students of ECE Department at Robotics Workshop at St. Mary's Sr Sec School, Udaipur

- Department of E&CE organized Robotics Workshop at L K Singhania School, Gotan. October 3, 2023
- Dr. Anand A Bhaskar conducted workshops on 000 to IoT (July 24, 2023) and Entrepreneurship: Ideation to Innovation (August 3, 2023) in Sangyaan 2023:The Orientation Programme, Sir Padampat Singhania University, Udaipur.

Dr Anand Bhaskar in a workshop in Sangyaan 2023

FUTURE PLANS

The Department plans to strengthen the research activities in the areas of expertise of the faculty members through the funded research projects from DST, CSIR, DAE, etc and collaborate with industries.

6.6 DEPARTMENT OF ENGLISH

INTRODUCTION

The English department plays a significant role in strengthening students' communication skills, both in spoken and written forms. It offers a diverse array of courses at the undergraduate and postgraduate levels, designed to refine language proficiency and interpersonal abilities. Beyond language skills, the department helps in nurturing creative and critical thinking of the students and encourages them to explore literature, culture, and develop diverse perspectives. The students cultivate a deeper understanding of language as a tool for expression and persuasion by engaging in debates, presentations and creative writing.

THRUST AREAS OF RESEARCH

- Gender Studies
- Teaching Learning Pedagogy
- English Language and Literature
- Soft Skills

PUBLICATIONS IN REFEREED JOURNALS

- Banerjee S, Kaur S and Matharu SG. 2024. Exploring the Effect of Multilingualism on Cognitive Development and Academic Excellence. Migration Letters, **21**(S2): 1565-1574.

PAPERS PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIUM (IF NOT PUBLISHED AS FULL PAPER IN THE PROCEEDINGS)

- Banerjee S. 2024. Revolutionizing Management Education: Integrating Sustainability for Lifelong Impact. Intl. Conf. Navigating the Future, AI, Blockchain and Sustainable Development in the G20 World, The Essence: Journal of Management and Science (Special Issue), Vol 1 **(2)** pp 56.
- Banerjee, S. 2024. Empathetic Evolution: Transforming Education for Sustainable Development through Student Centered Pedagogies and Engaged Learning, International Research Convention 2024, The Essence: Journal of Management and Science, **1** (1) pp 106.
- Gajbhiye A and Anand M. 2024. Technological Advancements in Biofuel Production: The First Generation to Fourth Generation Biofuels in the International Research Convention 2024 (SPSU) The Essence: Journal of Management and Science, 1 **(1)** pp 110.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

Dr. Shibani Banerjee Chaired a technical session on 'Geo-centrism, Naturalism and Collectivism through Indigenous Literatures, XX Annual International Conference of Rajasthan Association for Studies in English, MLS University, Udaipur, December 26-28, 2023.

OTHER ACTIVITIES

- Dr. Monika Anand and Dr. Shibani Banerjee were invited speakers for a Workshop on Soft Skills, Meera Girls College Udaipur, December 13, 2023.
- Dr. Monika Anand and Dr. Shibani Banerjee participated in the Faculty Development Programme on Navigating Excellence through Outcome Based Research, School of Management, SPSU, October 12-14, 2023
- Dr. Monika Anand conducted a workshop on 'Developing Communication and Soft Skills' in the Induction programme for the First year B.Tech. and B. Arch. Students, Institute of Engineering and Technology and College of Architecture, MLS University, Udaipur, September 23, 2023.
- Dr. Monika Anand was the Invited Speaker for the Motivational Lecture, Society for Education of the Differently Abled (SEDA), September 9, 2023.
- Dr. Monika Anand and Dr. Shibani Banerjee served as reviewers for IGI Global Publications. Scopus, Web of Science, 2024.
- Dr. Shibani Banerjee received the best paper award in the International Conference on 'Navigating the Future: AI, Blockchain, Sustainable Development in the G-20 World' organized during April 19-20, 2024, SPSU.
- Dr. Monika Anand was the member of Technical Committee, International Research Convention 2024, SPSU, March 19, 2024.
- Dr. Shibani Banerjee was the member of Media Publication Committee and International Research Convention 2024, March 19, 2024.
- Dr. Shibani Banerjee is the Faculty Advisor of Elements – The Writers' Club.
- Dr. Shibani Banerjee compiles and drafts the news and events of the University for print and social media.
- Dr. Monika Anand coordinated Sangyaan 2023: The Orientation Programme and the Tenth Convocation 2023.
- Dr. Monika Anand and Dr. Shibani Banerjee were the Masters of the Ceremony of the Tenth Convocation 2023.

FUTURE PLANS

The Department proposes to initiate undergraduate, postgraduate and doctoral degree programmes.

6.7 DEPARTMENT OF MATHEMATICS

INTRODUCTION

The Department offers courses on Engineering Mathematics containing Matrices, Linear Algebra, Calculus, Differential Equations, Numerical Methods, Probability, Sampling theory, Statistics and Business Statistics to the various B.Tech. M.Tech., BCA and MBA degree programmes offered by the University. To prepare students for success in placement tests and interviews, the department offers courses in Quantitative Aptitude and Logical Reasoning.

THRUST AREAS OF RESEARCH

- Special functions and their applications, Generalized elliptic and q- hypergeometric functions.
- General theory of relativity and cosmology, Astronomy and Astrophysics, Anisotropic Bianchi type Cosmological Models.

PUBLICATIONS IN REFEREED JOURNALS

- Koshti D, Gupta A, Kalla M and Sharma A. 2024 TRANS-VQA: Fully Transformer-Based Image Question-Answering Model Using Question-guided Vision Attention. Inteligencia Artificial. **27** (73): 111-128.
- Lim D, Kulkarni V and Vyas Y. 2023. On a new class of summation formulas involving generalized hypergeometric functions. Proceedings of the Jangjeon Mathematical Society. 26 (3): 325-340.
- Padate, R, Jain A, Kalla, M and Sharma, A. 2023. Image caption generation using a dual attention mechanism. Engineering Applications of Artificial Intelligence. 123. https://doi.org/10.1016/j.engappai.2023.106112.
- Padate, R, Jain A, Kalla, M and Sharma A. 2023. A Widespread Assessment and Open Issues on Image Captioning Models. International Journal of Image and Graphics. **23** (06): 2350057
- Padate, R, Jain A, Kalla, M and Sharma A. 2024. Combining semi-supervised model and optimized LSTM for image caption generation based on pseudo labels. Multimedia Tools and Applications Multimedia Tools and Applications. **83** (10): 29997–30017.
- Shaik FA, Koshti D, Gupta A, Kalla M and Sharma A. 2023. A comprehensive review and open challenges on visual question answering models. AiBi Revista de Investigación, Administración e Ingeniería.**11** (3): 126-142.

PUBLICATIONS IN PROCEEDINGS OF CONFERENCES/ SYMPOSIA

- Padate R, Kalla, M, Gupta A and Sharma A. 2023. Federated Learning for Image Captioning: A Comprehensive Review of Privacy-Preserving Collaborative Model Training in Distributed Environments. Proc. Intl. Conf. on Edge Computing and Applications, Namakkal. July 19-21. Pp. 857–865.
- Siroya H, Dadhich M, Mathur, Jain M, Sharma A and KK Hiran. 2023. Measuring the Enablers of University-based Techno-Entrepreneurship Education to Achieve Sustainable Business: A New-Age Analytical Approach. Proc. Intl. Conf. on Emerging Trends in Networks and Computer. August 16-19. Pp. 258-264.

PAPERS PRESENTED IN CONFE REFEREED RENCE/ SEMINAR/ SYMPOSIUM (IF NOT PUBLISHED AS FULL PAPER IN THE PROCEEDINGS)

Fatawat K and Vyas Y. 2023. Transformations and Summations for Basic (or q-) Kampé de Fériet Functions. Intl. Conf. Math. Mod. Appl. Anal. Comput., JECRC University, Jaipur, Aug 3-5, pp. 78 (Only abstract).

CHAPTER(S) IN AN EDITED BOOK

- Vyas Y and Fatawat K. 2024. Transformations and Reductions of Srivastava-Daoust Type Double Hypergeometric Functions. In: Advances in Mathematical Modelling, Applied Analysis and Computation (Eds.: Singh J, Anastassiou GA, Baleanu D and Kumar D). Lecture Notes in Networks and Systems, vol 952. Springer, pp. 219–237.
- Vyas Y and Kulkarni V. 2023. New double Laplace-transforms of some generalized hypergeometric functions (Eds.). Research in Multidisciplinary Subjects, Vol. 2, The Hill Publication, pp. 106-112.
- Verma, R., Dadhich, M. and Sharma, A. 2024. Bridging data-driven learning and generative AI: A framework for sustainable education through metacognitive resource utilization. In: Integrating Generative AI in Education to Achieve Sustainable Development Goals (Eds: Doshi R, Dadhich M, Poddar S and Hiran KK). IGI Global's Publish Tomorrow's Research Today. Pp. 459-466.

EDITED BOOK(S) PUBLISHED

Auddya B, Nayanadevi BI, Khan AS, Sil S, Vyas Y, Sharma B, Sindageekar S and Devendra M. 2023. Research in Multidisciplinary Subjects Vol. 2. The Hill Publication, Purulia, West Bengal.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Dr. Yashoverdhan Vyas participated Short-term course on Mathematical Modelling And Numerical Simulation (online), Dr B R Ambedkar National Institute of Technology (NIT) Jalandhar, Punjab. July 24 – 28, 2023.

- Dr. Yashoverdhan Vyas attended an International Conference on Mathematical Modelling, Applied Analysis and Computation, Department of Mathematics, JECRC University, Jaipur. August 03-05, 2023.

- Dr. Yashoverdhan Vyas attended two-day workshop on Graph Theory with Python: A Two day online hands-on Workshop to Unlock its Power, Indian Mathematics Professor Association and Infinity Research and Development institute, Coimbatore. August 12-13, 2023.

- Dr. Yashoverdhan Vyas attended a one-day online workshop on An Introduction to MATLAB and its Applications, Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore. August 17, 2023.

- Dr. Yashoverdhan Vyas attended a five-day workshop on Linear Algebra and Its Applications, Department of Applied Sciences, The North Cap University, Gurugram. August 21-25, 2023.

- Dr. Yashoverdhan Vyas attended a two-day workshop on AI Tools for Mastery in Modern Teaching, Indian Mathematics Professors Association (INMPA) and Infinity Research and Development institute, Coimbatore. September 02-03, 2023.

- Dr. Yashoverdhan Vyas attended a One Week (online) Faculty Development Programme on Recent Trends in Mathematical Sciences, Mahatma Hansraj Faculty Development Centre, Delhi. September 11-16, 2023.

- Dr. Yashoverdhan Vyas attended a two-day workshop on Mastering Mathematical Concepts with Python Programming, Indian Mathematics Professor Association and Infinity Research and Development institute, Coimbatore. September 17-18, 2023.

- Dr. Yashoverdhan Vyas served as Convener of an expert Lecture on Real Life Applications of Statistical Distributions, The Directorate of Research and Publications, SPSU. January 12, 2024.

- Dr. Yashoverdhan Vyas attended an International Conference on Nonlinear Dynamics and Applications ICNDA-2024, Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim, February 21-23, 2024.

- Dr. Yashoverdhan Vyas participated in five days International Faculty Development Programme on International Grants and Research Project Proposals, Sir Padampat Singhania University, Udaipur. March 14 – 18, 2024.

- Dr. Yashoverdhan Vyas participated in International Research Convention 2024, Sir Padampat Singhania University, Udaipur. March 19, 2024

- Dr. Yashoverdhan Vyas served as a member of core organizing committee in International Conference on Navigating the Future: AI, Blockchain, Sustainable

Development in the G-20 World, Sir Padampat Singhania University, Udaipur. April 19 – 20, 2024.

ONLINE CERTIFICATIONS BY THE FACULTY

- Dr. Arvind Sharma successfully completed Data Science for Engineers, NPTEL-AICTE Faculty Development Programme. July – September 2023.\

OTHER ACTIVITIES

- One Ph.D. Scholar of the Department of Mathematics; have submitted the Ph.D. thesis under the supervision of Dr. Yashoverdhan Vyas during the session 2023-2024.
- One Ph.D. Scholar of the Department of Mathematics; have been awarded the Ph.D. theses under the supervision of Dr. Yashoverdhan Vyas during the session 2023-2024.
- One Ph.D. Scholar of the Department of Mathematics; have submitted the Ph.D. theses under the supervision of Dr. D S Chouhan during the session 2023-2024.

FUTURE PLANS

The Department plans to offer B.Sc. and M.Sc. degree programme in Mathematics, organising guest lectures, submit research proposals, and host conferences and workshops.

6.8 DEPARTMENT OF MECHANICAL ENGINEERING

INTRODUCTION

The Mechanical Engineering department, established in 2007, offers B.Tech, M.Tech, and Ph.D degree programmes with specializations in cement manufacturing (in collaboration with JK Cement Ltd and FL Smidth). The department offers production engineering and machine design specializations in the postgraduate degree programme. The department features advanced labs such as Fluid Mechanics & Machine Lab, Applied Mechanics, Thermal, Vibration, Machining, CAD & Simulation, and a workshop. Key equipment includes CNC bench turner, milling and surface grinding machines, universal testing and vibration benches, engine test rigs, and turbines. A dedicated computer lab supports research with software like Creo 2.0, CAD, AutoCAD, Comsol MultiPhysics Simulation, Matlab and Mathcad Software.

THRUST AREAS OF RESEARCH

- Composite materials
- Sustainable buildings
- Renewable Energy
- Process Planning and scheduling in FMS

PUBLICATIONS IN REFEREED JOURNALS

- Shrimali R and Kumar N. 2024. Energy and cost analysis of composite-insulated rooftops for sustainable buildings in Indian climatic conditions. Energy Sources, Part B: Economics, Planning, and Policy. **19** (1). https://doi.org/10.1080/15567249.2024.2316729.
- Raghuvanshi S and Kumar N. Statistical thermodynamic investigation of lithium bromide-water (libr- H2O) vapour absorption refrigeration system based on second law of thermodynamics. Industrial Engineering Journal. **53** (4).
- Patel N, Kumar N, Rastogi PM and Singh P. 2024. Selection and Experimental analysis of process parameters and study of their effect on surface roughness during electric discharge machining. Journal of Maharaja Sayajirao University of Baroda. **58** (6).

PAPERS PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIUM (IF NOT PUBLISHED AS FULL PAPER IN THE PROCEEDINGS)

- Kumar N and Rastogi PM. 2024. Loading & Scheduling of Industry 4.0 Integrated Flexible Manufacturing System. Intl. Conf. Navigating the Future: AI, Blockchain, Sustainable Development in the G-20 World, SPSU, Udaipur, April 19-20.
- Rastogi PM and Kumar N. 2024. Impact of nanoparticles diesel biodiesel fuel blends on engines performance and emission characteristics of diesel engine. Intl. Conf.

Navigating the Future: AI, Blockchain, Sustainable Development in the G-20 World, SPSU, Udaipur, April 19-20.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Dr. Naveen Kumar and Dr. Pankaj Mohan Rastogi participated in a five day International Faculty Development Programme on "International Grants and Research Project Proposals," Department of Computer Science and Engineering, SPSU. March 14-18, 2024.
- Dr. Pankaj Mohan Rastogi participated in a two-day Faculty Development Programme on "Role of Engineering towards Attainment of Sustainable Development Goals," SS Polytechnic College, Udaipur in association with Indian institution of Industrial Engineering and Institution of Engineers, Udaipur   Chapter. June 7-8, 2024.
- Dr. Pankaj Mohan Rastogi participated in one-week Short Term Training on "IC Engine Testing and Simulation," Department of Mechanical Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur. October 10 – 14, 2023.

INTELLECTUAL PROPERTY

- **Design number: 6342191** UK Design Granted

Grant date: February 5, 2024

Registration date: January 26, 2024

Title of invention: Sensor based Smart Currency Counter Device

- **Design number: 6347195** UK Design Granted

Grant date: 27 February 2024

Registration date: 16 February 2024

Title of invention: Wireless Laptop Charger with Cooling Pad

- **Design number: 6342876** UK Design Granted

Grant date: April 9, 2024

Registration date: January 29, 2024

Title of invention: Smart Watch

- **Design number: 6359624** UK Design Granted

Grant date: April 20, 2024

Registration date: April 15, 2024

Title of invention: Sensor based Robotic Trash Bin for Waste Management

- **Design number: 6369671** UK Design Granted

Grant date: June 12, 2024

Registration date: June 1, 2024

Title of invention: Sensor Based Food Quality Checking Device

SUMMER INTERNSHIPS/TRAININGS

The following students of B. Tech VII Semester completed the summer internship/training

Sr. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	**To**
1	Busi Anusha	19ME002197	South Central Railway, Carriage Workshop, Lallaguda	June 17, 2023	July 01, 2023
			Richfield Engineering & Construction Pvt.Ltd Vadodara, Gujarat	July 27, 2023	August 7, 2023
2	Datrika Thirumala Anand	20ME002290	South Central Railway, Carriage Workshop, Lallaguda	June 17, 2023	July 01, 2023
			Richfield Engineering & Construction Pvt.Ltd Vadodara, Gujarat	July 27, 2023	August 7, 2023
3	Palle Krishnaprasad	20ME002292	South Central Railway, Carriage Workshop, Lallaguda	June 17, 2023	July 01, 2023
			Richfield Engineering & Construction Pvt.Ltd Vadodara, Gujarat	July 27, 2023	August 7, 2023
4	Rajpriya Chaudhary	20ME002293	Grey Iron Foundry (GIF), Jabalpur, M.P.	July 10, 2023	July 22, 2023
			Richfield Engineering & Construction Pvt.Ltd Vadodara, Gujarat	July 27, 2023	August 7, 2023

ONLINE CERTIFICATIONS/COURSES BY THE STUDENTS

Name of the Student	Enrolment No.	Name of Online Certification / Course	Organization	Duration
Palle Krishnaprasad	20ME002292	Programming Foundations with Python	Nxtwave	August-November 2023

STUDENT ACHIEVEMENTS

Palle Krishnaprasad 20ME002292 attended the Ethical Hacking Mega Workshop hosted by Mr Abhinav Devaguptapu, Cyber Security Specialist, conducted exclusively for CCBP 4.0 Academy Students. October 4, 2023.

FUTURE PLANS

The Department of Mechanical Engineering plans to initiate new specializations, namely, digital manufacturing and industry 4.0 in association with industries in the undergraduate degree programme.

6.9 DEPARTMENT OF MINING ENGINEERING

INTRODUCTION

The Department of Mining Engineering is dedicated to shaping the next generation of mining professionals through a comprehensive and industry-relevant curriculum. Our B.Tech, M.Tech (Mine Planning and Mine Environment), and Ph.D. degree programmes are designed to equip students with the technical knowledge, practical skills, and environmental awareness required to meet the challenges of the modern mining industry.

THRUST AREAS OF RESEARCH

- Analysis and utilization of mining waste
- Strategic planning for surface and underground mining
- Production planning through scheduling and material blending
- Computer-aided mine design and related applications

PUBLICATIONS IN REFEREED JOURNALS

- Hussain AS, Guindo I, Pandey D and Singh M. 2024. Advancement in Underground Mining: The Development of Longwall Project Using Bolter Miner, International Journal of Research and Analytical Reviews. **11** (2): 754-766.
- Kamleshbhai SG, Pandey D, Singh M. 2024. Shaft Arrangements Set Up For Safe Transport Across The Mine. International Journal of Research and Analytical Reviews.**11** (2): 650-663.

PUBLICATIONS IN PROCEEDINGS OF CONFERENCES/ SYMPOSIA

- Pandey D, Singh M, Rastogi PM and Sharma A. 2024. Study of the selection of mining methods based on various conditions. Proc. India Intl. Research Convention, Udaipur. March 19, pp.119.
- Pandey D, Singh M, Rastogi PM. and Sharma A. 2024. An analysis of the various innovative mining techniques and their implementation. Proc. India Intl. Research Convention, Udaipur. March 19, pp. 120.
- Gyimah EO and Gyamfi BA. 2024. Analysing policy and institutional frameworks for promoting reforestation as a sustainable land-use strategy in Ghana's mining sector. Proc. India Intl. Research Convention, Udaipur. March 19, pp. 121.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- Dr. Deepak Pandy and Manjeet Singh attended the Rajasthan Mining Summit Programme, UCCI Udaipur. July 14, 2023.
- Dr. Deepak Pandey attended a workshop on "Role of Artificial Intelligence and Automation in Mining," Mining Engineers Association of India. July 5, 2023.
- Mr. Manjeet Singh attended a one day webinar on "How to build a successful career in cyber security," Department of Computer Science and Engineering, SPSU. August 16, 2023.
- Dr. Deepak Pandey and Manjeet Singh attended a five day International Faculty Development Programme on "International Grants and Research Project Proposals Department of Computer Science and Engineering, SPSU. March 14-18, 2024.

RESEARCH COLLABORATION

Research collaboration with the Wroclaw University of science and Technology Poland on Artificial Intelligence and Stochastic Modelling Perspectives of Renewable Energy in Mining, October 10, 2023.

SUMMER INTERNSHIPS/TRAININGS

The following students of B. Tech VII Semester completed the summer internship/training

Sr. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	To
1	Devendra Pratap Singh Sarangdevot	21MN002448	HZL,SK Mines	June 24, 2024	July 25, 2024
2	Gaurav Mishra	21MN002449			
3	Aman Singh	21MN002454	JK Cement, Nimbahera	May 20, 2024	July 5, 2024
4	Gobinda Ghoshal	21MN002456	Ultratech Cement, Awarpur	May 18, 2024	July 4, 2024
5	Khushi Gandhi	21MN002458	HZL, Zawar Mine	May 16, 2024	June 15, 2024
6	Mukesh Prajapat	21MN002459	NIT Rourkela	May 17, 2024	July 22, 2024
7	Anuj Vaishnav	22MN002598	NIT Rourkela	May 17, 2024	17.06.2024
8	Wandonbok Sangriang	22MN002617			
9	Prithviraj Singh Ranawat	21MN002460	JK Cement, Nimbahera	May 21, 2024	July 5, 2024
10	Vikas Suthar	21MN002461		May 23, 2024	July 8, 2024
11	Shubham Saragara	23L5MN2879	HZL, RD Mines	June 1, 2024	July 15, 2024
12	Ketan Sharma	23L5MN2880			

The following students of M. Tech III semester completed the summer internship/training-

Sr. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	**To**
1	22MMN00178	Syed Afroz Hussain	The Singareni Collieries Company Ltd	July 8, 2023	August 7, 2023
2	22MMN00190	Ibrahim Guindo	The Singareni Collieries Company Ltd	July 8, 2023	August 7, 2023
3	22MMN00197	Soni Gaurav Bhai Kamlesh Bhai	Digitalization in Mining Through AI and ML	June 3, 2023	July 3, 2023

ONLINE CERTIFICATIONS BY THE FACULTY

- Mr. Manjeet Singh completed Get started with Python, Coursera, July 2023
- Dr. Deepak Pandey completed Foundation of Digital Marketing & E- Commerce, Coursera, August 2023

ONLINE CERTIFICATIONS/COURSES BY STUDENTS

Name of the Student	Enrolment No.	Name of Online Certification / Course	Organization	Duration
Syed Afroz Hussain	22MMN00178	Drone Technician	Regional Directorate of Skill Development & Entrepreneurship, SCCL MVTC-Mandamarri	February 19 - March 1, 2023
		Project Management Professional Certificate	Coursera Certificate under Google Project Management Course	December 2023
		Surface Mining Technology	NPTEL Online Certification - Elite IIT-Kharagpur	November 2023

		Getting started with Microsoft Excel	Coursera Certificate under Project Network	September 2023
		Geovia Minex Software	EDS Technologies	February 2024
Mukesh Prajapat	21MN002459	Autocad	Internshala Training	June 22, 2024
		Drilling and Blasting Technology	NPTEL Online Certification - Elite IIT-Kharagpur	Jan-Apr 2024

STUDENT ACHIEVEMENTS

16 students participated in an Essay Writing Competition organized by Mining Engineers Association of India, Udaipur Chapter. Prithviraj Singh Ranawat 21MN002460 won the Appreciation Prize for the best essay and was awarded a Cash prize of Rs 500.

OTHER ACTIVITIES

- An Industrial Visit was organized for the students at RK Marble Mines in Association with MEAI, November 1, 2023.
- 23 Students attended a Workshop on Datamine Software, CTAE, Udaipur February 19 - 23, 2023.

FUTURE PLANS

The Department plans to focus on establishing research-oriented laboratories to advance practical and innovative learning, initiate industry engagement programmes to strengthen the connect between academia and real-world practices. A distinctive approach to field-based knowledge will be introduced in the forthcoming academic session by inviting guest lecturers from esteemed organizations such as DGMS, DMG, IBM, HZL, and RSMML, offering students valuable industry insights and expertise.

6.10 DEPARTMENT OF PHYSICS

INTRODUCTION

The Department of Physics offers various fundamental Engineering Physics courses covering the concepts of Classical Wave Physics, Electromagnetism, Modern Physics, Solid State Physics, etc. and specialized courses on Quantum Information and Computing, Nanotechnology and Nanomaterials to the undergraduate students of the engineering discipline. The department provides advanced research opportunities through its Ph.D. degree programme.

THRUST AREAS OF RESEARCH

- Theoretical studies of electron/positron impact ionization of atoms/ions/molecules
- Quantum Information and Computing
- Synthesis and characterization of nano-materials Image encryption using fractional integral transforms and chaos

PUBLICATIONS IN REFEREED JOURNALS

- Bagul V and Singh P. 2023. Bessel beam double ionization (e, 3e) of Helium atoms. Journal of Physics Letters. **487**, 129119
- Singh P, Bagul V and Champion C. 2023. Triply differential cross-sections for electron and positron impact on methane. Journal of Chemical Physics **159:** 044302.

PAPERS PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIUM (IF NOT PUBLISHED AS FULL PAPER IN THE PROCEEDINGS)

- Bagul V and Singh P. 2024. Computational Analysis of Electron-Impact Ionization (e, 2e) Triple Differential Cross Sections of Plasma-Relevant Tungsten Atom. International Conference on Atomic, Molecular, Material, Nano and Optical Physics with Applications (ICAMNOP–2023), December 20-22, 2023.
- Bagul V and Singh P. 2024. Calculation of the triple differential cross section for electron impact ionization of NH 3 molecules with low incident energy using the distorted wave Born approximation 2 method. International Conference on Atomic, Molecular, Material, Nano and Optical Physics with Applications (ICAMNOP–2023). December 20 -22, 2023.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- International Research Convention 2024 (IRC24), Sir Padampat Singhania University, Udaipur, March 19, 2024.

RESEARCH COLLABORATION

Faculty members of the Department have the established following international collaborations to carry out research in collaboration with -

Prof. Christophe Champion, Université Bordeaux, Centre d'Études Lasers et Applications (CELIA), 33400 Talence, France.

OTHER ACTIVITIES

- Dr Prithvi Singh organized International Research Convention 2024 (IRC24) as a convenor at Sir Padampat Singhania University, Udaipur, March 19, 2024.
- Prof. Prithvi Singh served as a reviewer for the Physica Scripta (SCOPUS), Institute of Physics International Journals.
- Dr. Prithvi Singh supervised a Ph.D thesis on the title "Theoretical Study of (e,2e) Process of Atoms and Molecules"

FUTURE PLANS

The department aims to enhance research activities in the faculty members' areas of expertise by securing funded projects from agencies such as DST, CSIR and DAE.

6.11 SCHOOL OF LIBERAL STUDIES

INTRODUCTION

The School of Liberal Studies is committed to fostering interdisciplinary learning and holistic development, offering students a well-rounded education through an undergraduate programme in Design. The curriculum encourages critical thinking, creativity, and a global perspective, preparing students for the complexities of an ever-changing world. Through an emphasis on intellectual flexibility, ethical understanding, and effective communication, the School equips students with the skills necessary for personal growth and professional success in a wide array of fields.

THRUST AREAS OF RESEARCH

- User-Centered Design and Experience
- Design Thinking and Innovation

ACTIVITIES

WORKSHOP ON SKETCHING AND DRAWING ADVANCED - April 25, 2024

Mr. R.K. Sharma and students in a workshop on Sketching and Drawing

A workshop on Sketching and Drawing was organised with the aim of enhancing the artistic skills of participants by delving into advanced techniques of sketching and drawing. The workshop was conducted by a renowned artist and expert in fine arts Mr R.K. Sharma. The workshop focussed on basic theory of art, how to see an object from an artist's perspective, difference between a common man and artist's perspective, perspective of design, 2 point perspective and geometrical patterns.

LIVE SKETCHING WORKSHOP - September 22, 2023

School of Liberal Studies organized a live sketching workshop onsite for the students of B. Design/BBA/BCA Semester I at Bagore ki Haveli, Udaipur. The workshop provided the fifteen participants the opportunity to practice sketching in a dynamic, real-world setting.

Students at Bagore ki Haveli displaying their sketches

6.12 SCHOOL OF MANAGEMENT

INTRODUCTION

The School of Management is dedicated to shaping future leaders who drive value creation for stakeholders and society. Inspired by our Founder Chancellor's vision of liberating humanity through knowledge and supported by our parent organization's legacy of public service and education, the school strives for academic excellence in all disciplines. We are committed to delivering top-tier education and fostering a research-driven learning environment that promotes innovation and lifelong learning. Our curriculum is continuously updated to meet industry demands and emerging trends, with a strong focus on industry-academia partnerships. Our passionate, highly qualified faculty are devoted to guiding students on their academic journey. The School of Management also prioritizes the global integration of its curriculum, preparing students to face international challenges. Through case studies, mentoring, and interactive discussions, we emphasize holistic development, aiming to cultivate responsible, value-driven professionals with well-rounded personalities.

THRUST AREAS OF RESEARCH

- HR/OB-Organization culture, Motivation techniques, Women studies, Leadership styles, etc.
- Marketing, Sales and Advertising
- Business Analytics
- Finance, Banking and Accounting

PUBLICATIONS IN REFEREED JOURNALS

- Hiran KK and Dadhich M. 2024. Predicting the core determinants of cloud-edge computing adoption (CECA) for sustainable development in the higher education institutions of Africa: A high order SEM-ANN analytical approach. Technological Forecasting and Social Change. **199**:1-17. https://doi.org/10.1016/j.techfore.2023.122979
- Salman M, Anwar I, Ganie SA and Saleem I. 2024. Impact of Human Resource Management Practices on Organizational Performance: Evidence from the Indian Banking Industry. Management and Labour Studies. **49**(1): 97-118.
- Khatoon S, Anwar I, Shamsi M and Chaudhary A. 2024. Consumers' behavioral intention toward online shopping in the post-COVID-19 period. International Journal of Consumer Studies. **48**(1): e13001.
- Thayyib PV, Anwar I, Sulphey MM, Yasin N and Yahya AT. 2024. Brand expertise, impulsiveness and materialism aggravate unhealthy food products buying among

young adults despite pricing and sin tax interventions. Cogent Business & Management. **11**(1): 2296147.

- Anwar I, Yasin N, Prasanna S, Salamzadeh A and Saleem I. 2024. Transition from entrepreneurial intention to venture gestation behavior: A longitudinal evidence. Journal of Small Business & Entrepreneurship. 1-30.

- Mady K, Anwar I and Abdelkareem RS. 2024. Nexus between regulatory pressure, eco-friendly product demand and sustainable competitive advantage of manufacturing small and medium-sized enterprises: the mediating role of eco-innovation. Environment, Development and Sustainability. 1-23.

- Gautam SK, Mathur D, Dadhich M and Joshi C. 2024. Antecedents and Consequences of Eco-Friendly Practices in Indian Textile Sector: SEM Analytical Framework. Research Review Intl. Journal of Multidisciplinary. **9**(5) 160-173.

- Dadhich M, Rathore S, Akwasi B, Ajibade SM and Agozie DQ. 2023. Quantifying the Dynamic Factors Influencing New-Age Users' Adoption of 5G Using TAM and UTAUT Models in Emerging Country: A Multistage PLS-SEM Approach. Education Research International. **1**: 1-15.

- Dadhich M, Rao SS and Sharma R. 2023. Emerging Determinants and Analytics of Off-balance Sheet Activities (OBSA) of Commercial Banks. Finance India, **XXXVII**(2): 383-400.

- Gyamfi BA, Agozie DQ, Musah Mohd, Onifade ST and Prusty S. 2023. The synergistic roles of green openness and economic complexity in environmental sustainability of Europe's largest economy: Implications for technology-intensive and environmentally friendly products. Environmental Impact Assessment Review. **102**(107220): 1-14.

- Shamsi MA, Anwar I, Chaudhary A, Akhtar S and Ahmad A. 2023. Sustainable transition through circular textile products: An Empirical Study of Consumers' Acceptance in India. Sustainability. **15**(18): 13656.

- Joshi M and Mathur D. 2023. Factors Affecting Buyer Behaviour towards Smartphones among Consumers in Online Buying Shopping Scenario and its Impact on Indian Economy in European Economic Letters. **13**(3): 1422-1432.

PUBLICATIONS IN PROCEEDINGS OF CONFERENCES/ SYMPOSIA

- Lalwani S. 2024. Metaverse in Education: Bibliometric analysis to explore future scope of research in Edu-Metaverse. Proc. Intl. Conf. Automation and Computation (AUTOCOM). March 14-16. pp.126-130.
  https://doi:10.1109/AUTOCOM60220.2024.10486159

- Singh GK, Dadhich M. 2023. Supply Chain Management Growth with the Adoption of Blockchain Technology (BoT) and Internet of Things (IoT). Proc. 3rd Intl. Conf. Advance Computing and Innovative Technologies in Engineering. May 12-13. pp.321-325.

https://doi.org/10.1109/ICACITE57410.2023.10182619

- Bhati S, Dadhich M, Bhasker AA, Hiran KK, Sharma R and Shukla A. 2023. Quantifying the Contemporary Enablers in Achieving e-Governance for Sustainable Techno-Societal Development: A High Directive SEM Analysis. Proc. Intl. Conf. Emerging Trends in Networks and Computer Communications. May 12-13. pp.157-162.
- https://doi.org/10.1109/ETNCC59188.2023.10284979

PAPERS PRESENTED IN CONFERENCE/ SEMINAR/ SYMPOSIUM

- Dadhich M. 2023. Unlocking AI-powered strategies for sustainable B2B marketing Excellence: a bibliometric analysis. Intl. Conf. Accounting and Finance. Gulf University. December 12-13.
- Tantra Z, Prusty S, Dadhich M and Sharma A. 2024. Exploring the Relationship between Sustainable Supply Chain Management and Institutional Pressures: A Comprehensive Study. Intl. Conf. Navigating the Future: AI, Blockchain, Sustainable Development in the G-20 World. Sir Padampat Singhania University, Udaipur. April 19-20.
- Mathur D. 2024. Measuring retail customer experience and its impact on customer satisfaction. Intl. Conf. Embracing the digital horizon: Pioneering commerce and management strategies for a transformative future. Loyola College of A&S, Tamil Nadu. March 13-14.

EDITED BOOK(S) PUBLISHED

Dadhich M. (Ed). 2023. Managing Disruptions in New-Age Business World, Book Rivers.

INTELLECTUAL PROPERTY

- **Design Number: 202311051269**

Grant Date: September 1, 2023

Registration date: July 31, 2023

Title of invention: Intelligent IoT Sensor Powered Automatic Wireless Zipper

https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

RESEARCH COLLABORATION

- Disha Mathur collaborated with Prof Sheng-Lung Peng, Professor, Department of Creative Technologies and Product Design, National Taipei University of Business, TAIWAN for International Research Internship (remote mode) on Exploring the potential for collaborative marketing partnerships to achieve sustainable development goals.' 5 students. December 1, 2023 - March 31, 2024

- Dr. Sarika Singh collaborated with Professor Bhuvan Unhelkar, University of South Florida for International Research Internship on Empirical study on factors influencing Information Sharing and Information Quality for HR analytics. 4 students.

SUMMER INTERNSHIPS/TRAININGS

The following students of **MBA III Semester (2022-24 Batch)** completed the summer internship/training -

S. No.	Name of the Student	Enrolment No.	Name of the Company	Duration	
				From	To
1	Heena Singh	21MBA00166	Giriraj Resort	June 2023	Mid-August 2023
2	Abhay Nagar	22MBA00207	Gujarat Flurochemicals Ltd	June 2023	Mid-August 2023
3	Aman	22MBA00208	AIM India	June 2023	Mid-August 2023
4	Anmol Srivastava	22MBA00209	Patel Phoschem Ltd. Udaipur	June 2023	Mid-August 2023
5	Anushka Kabra	22MBA00210	Sharekhan Limited	June 2023	Mid-August 2023
6	Anushka Shrimali	22MBA00211	Brand Chanakya	June 2023	Mid-August 2023
7	Chandra Prakash Panchal	22MBA00213	Arun Ratnawat & Co.	June 2023	Mid-August 2023
8	Darshan Badiwal	22mba00214	Readerclub	June 2023	Mid-August 2023
9	Disha Vyas	22MBA00215	Perpetual Block	June 2023	Mid-August 2023
10	Ekta Khatri	22MBA00216	Begin	June 2023	Mid-August 2023
11	Hardik Choudhary	22MBA00217	Hindustan Zinc Ltd.	June 2023	Mid-August 2023
12	Hemant Das	22MBA00218	Nippon India Mutual Fund	June 2023	Mid-August 2023
13	Hemant Gurjar	22MBA00219	Skill Labs Resource Services Pvt. Ltd.	June 2023	Mid-August 2023
14	Jivesh Tripathi	22mba00220	Readers Club	June 2023	Mid-August 2023
15	Kartik Kumar	22MBA00221	AIM India	June 2023	Mid-August 2023
16	Khushi Porwal	22MBA00222	Readerclub	June 2023	Mid-August 2023
17	Kritik Jain	22MBA00223	Swastic Zinc Pvt Ltd	June 2023	Mid-August 2023
18	Makshud Ahmed Sheikh	22MBA00224	HRH Group Of Hotels, Udaipur	June 2023	Mid-August 2023
19	Manav Rathod	22MBA00225	Welspun India, Anjar, Gujrat	June 2023	Mid-August 2023
20	Md Faiz	22MBA00226	AIM India	June 2023	Mid-August 2023

21	Naman Mehta	22MBA00228	The Airport Authority, Dabok, Udaipur	June 2023	Mid-August 2023
22	Payal Dhaker	22MBA00229	Tata Motors, Udaipur	June 2023	Mid-August 2023
23	Priyanshi Mehta	22MBA00230	Chittorgarh Urban Cooperative Bank, Barisadri	June 2023	Mid-August 2023
24	Ragini Goyal	22MBA00231	Skill Labs Resource Services Pvt. Ltd.	June 2023	Mid-August 2023
25	Ritika Chouhan	22mba00232	Hindustan Zinc Ltd.	June 2023	Mid-August 2023
26	Ritika Sharma	22MBA00233	Srva Education	June 2023	Mid-August 2023
27	Shaikh M Rizwan	22MBA00234	Radiant Metal	June 2023	Mid-August 2023
28	Shaqib Raza	22MBA00235	Pushpa Artefacts	June 2023	Mid-August 2023
29	Shifa Kauser	22MBA00236	Nippon India Mutual Fund	June 2023	Mid-August 2023
30	Smriti Kothari	22MBA00237	JK Cement, Nimbahera	June 2023	Mid-August 2023
31	Urmit Paliwal	22MBA00238	Udaipur Cement Works Limited	June 2023	Mid-August 2023
32	Vishal Kumar Mali	22MBA00240	Adarsh Co-Operative Bank Ltd, Sirohi	June 2023	Mid-August 2023
33	Vishvajeet Rathore	22MBA00241	J.K Cement, Indore	June 2023	Mid-August 2023
34	Yashashvi Purohit	22MBA00242	Basket Hunt	June 2023	Mid-August 2023
35	Viral Jain	22MBA00244	Indian Gas Agency	June 2023	Mid-August 2023
36	Kishan Mali	22MBA00245	Ibbp Bank	June 2023	Mid-August 2023
37	Yuvraj Singh	22MBA00247	Nippon India Mutual Fund	June 2023	Mid-August 2023
38	Chirag Paliwal	22MBA00249	Relience Retail Ltd.	June 2023	Mid-August 2023
39	Yash Paliwal	22MBA00250	Fundvizer Financial Solutions Private Limited	June 2023	Mid-August 2023
40	Amit Kumar	22MBA00251	JK White Cement, Katni	June 2023	Mid-August 2023
41	Saurabh Kumar Soni	22MBA00252	Ca Jain Anshu & Co., Jaipur	June 2023	Mid-August 2023
42	Jayesh Suthar	22MBA00253	Clean Dexter Private Limited	June 2023	Mid-August 2023
43	Devendra Kumawat	22MBA00254	Fundsroom Pvt. Ltd.	June 2023	Mid-August 2023
44	Tejveer Chundawat	22MBA00255	Roar Fire Safety Equipments P Ltd	June 2023	Mid-August 2023
45	Virendra Singh Jhala	22MBA00256	Fundsroom Pvt. Ltd.	June 2023	Mid-August 2023
46	Tanuj Soni	22MBA00257	Samridhi Capitals Pvt. Ltd.	June 2023	Mid-August 2023

47	Yash Jangid	22MBA00258	Bharat Bike Pvt. Ltd	June 2023	Mid-August 2023
48	Kratik Panchal	22MBA00259	Vibes Goods	June 2023	Mid-August 2023
49	Uttam Vyas	22MBA00261	Muskowl Company	June 2023	Mid-August 2023
50	Basant Kalla	22mba00262	Anand Rathi IT Pvt. Ltd.	June 2023	Mid-August 2023
51	Uma Sharma	22MBA00263	Readerclub	June 2023	Mid-August 2023
52	Avinash Singh	22MBA00264	Deltron Technology	June 2023	Mid-August 2023
53	Divya Khandelwal	22MBA00265	Sharekhan Limited	June 2023	Mid-August 2023
54	Divya Khandelwal	22MBA00265	Sharekhan Limited	June 2023	Mid-August 2023
55	Ghanshyam Patidar	22MBA00266	Nexus IT Solutions	June 2023	Mid-August 2023
56	Sonu Patidar	22MBA00267	Nexus IT Solutions	June 2023	Mid-August 2023
57	Varsha Pitliya	22MBA00268	JK Cement, Nimbahera	June 2023	Mid-August 2023
58	Prakhar Jain	22MBA00269	JK Cement, Ratlam	June 2023	Mid-August 2023
59	Vikas Tamboli	22MBA00270	Skillish Pvt. Ltd.	June 2023	Mid-August 2023
60	Pooja Lohar	22MBA00271	The Airport Authority, Dabok, Udaipur	June 2023	Mid-August 2023
61	Nikita Kabra	22MBA00273	Indian Post Payment Bank	June 2023	Mid-August 2023
62	Swaraj Sandilya	22MBA00275	JK Cement, Gurugram	June 2023	Mid-August 2023
63	Surbhi Somani	22MBA00276	Skillish Pvt. Ltd.	June 2023	Mid-August 2023
64	Jatin Joshi	22MBA00277	Hitachi Hi-Rel Power Electronics Private Limited	June 2023	Mid-August 2023
65	Varalika Pandey	22MBA00278	Groz Beckert Asia Pvt. Ltd.	June 2023	Mid-August 2023
66	Janhavi Sahitya	22MBA00305	Pacific College And Hospital,Udaipur	June 2023	Mid-August 2023
67	Simran Dak	22MBA00306	JK Cement. Nimbahera	June 2023	Mid-August 2023
68	Bhavika Sharma	22MBA00307	Protovo Solutions LLP	June 2023	Mid-August 2023
69	Apeksha Singh	22MBA00312	Northstar Academy	June 2023	Mid-August 2023
70	Viresh Soni	22MBA00324	Pacifies Industries Ltd.	June 2023	Mid-August 2023
71	Gourav Lakshkar	22MBA00325	AIM India	June 2023	Mid-August 2023
72	Lokendra Singh Jhala	22MBA00334	Fundsroom Pvt. Ltd.	June 2023	Mid-August 2023

BBA V (2021-24 Batch)

S. No.	Name of the Student	Enrolment No.	Name Of the Company	Duration From	Duration To
1	Abhishek Kumar Yadav	21BBA00171	Nimesh Mehta & Associate CA, Mumbai	May 2023	July 2023
2	Aditya Singh Chouhan	21BBA00172	Hopetree Solution	May 2023	July 2023
3	Anil Dangi	21BBA00176	Shriram Infrastructure Pvt. Ltd.	May 2023	July 2023
4	Alok Raj Sharma	21BBA00174	Sarvodaya Agro Tech, Nimbahera	May 2023	July 2023
5	Bipasha Mondal	21BBA00177	AIM India Pvt. Ltd.	May 2023	July 2023
6	Divya Joshi	21BBA00179	Polycab Pvt. Ltd, Udaipur	May 2023	July 2023
7	Kanika Agarwal	21BBA00185	JK Cement Nimbahera	May 2023	July 2023
8	Kartik Mali	21BBA00186	Avalon Tribe Info-Tech, Bhilwara	May 2023	July 2023
9	Dhara Sukhwal	21BBA00178	AIM India Pvt. Ltd.	May 2023	July 2023
10	Jatin Vasu	21BBA00184	JK Cement Nimbahera	May 2023	July 2023
11	Khushi Kumawat	21BBA00187	JK Lakshmi Cement, Pindwara	May 2023	July 2023
12	Ishita Bapna	21BBA00183	Poornasree Equipment Pvt Ltd, Udaipur	May 2023	July 2023
13	Mayank Namdave	21BBA00193	NJ Wealth Pvt Ltd	May 2023	July 2023
14	Ravi Khatik	21BBA00200	JK Super Cement Nimbahera	May 2023	July 2023
15	Vinay Choudhary	21BBA00206	Poornasree Equipment Pvt Ltd, Udaipur	May 2023	July 2023
16	Drishti Suthar	21BBA00180	JK Lakshmi Cement, Pindwara	May 2023	July 2023
17	Ganga Dhakad	21BBA00181	J K Super Cement, Nimbahera	May 2023	July 2023
18	Manan Samdani	21BBA00191	Gateway International, Udaipur	May 2023	July 2023
19	Muskan Purohit	21BBA00195	TOC Tours Pvt. Ltd. Udaipur	May 2023	July 2023
20	Vishakha Dwivedi	21BBA00207	TOC Tours Pvt. Ltd. Udaipur	May 2023	July 2023
21	Yogesh Dangi	21BBA00208	Poornasree Equipment Pvt Ltd, Udaipur	May 2023	July 2023
22	Krishna Janwa	21BBA00188	Poornasree Equipment Pvt Ltd, Udaipur	May 2023	July 2023
23	Priya Choudhary	21BBA00199	AIM India Pvt. Ltd.	May 2023	July 2023
24	Sneha Binod Tiwari	21BBA00201	Nilkamal Pvt. Ltd, Silvassa	May 2023	July 2023
25	Tanisha Rajora	21BBA00203	Yamaha Motor, Chittorgarh	May 2023	July 2023
26	Tushar Jain	21BBA00204	Accessories House, Udaipur	May 2023	July 2023

STUDENT ACHIEVEMENTS

SoM student achievers in the Digital and Analytics Conclave 2024

A team of 24 students from SPSU participated in Digital and Analytics Conclave 2024 organised by Pacific University on February 23-24, 2024. They participated in events like Ideathon, Debate, Poster Making, Digital Business Quiz, Business Storytelling. Ms Chitra Malviya and Ms Ankita Joshi secured First Position in Poster Making Competition and won cash prize of Rs 5000/ and certificate. Ms Manisha Sen secured Third Position in the Business Storytelling competition and won a cash prize of Rs 1000/.

OTHER ACTIVITIES

- **THREE-DAY ONLINE FACULTY DEVELOPMENT PROGRAMME ON NAVIGATING EXCELLENCE THROUGH OUTCOME-BASED RESEARCH - October 12-14, 2023**

Participants in the online Faculty Development Programme

The FDP covered topics such as journal selection, literature review, data collection techniques, and data analysis using various tools like SPSS, E-Views, Smartt-PLS, and STATA. Participants were guided on how to prepare academic papers for publication in reputable journals. Participants gained a comprehensive understanding of academic writing, research ethics, data analysis, and how to avoid plagiarism. They learned how to draft well-structured papers, select appropriate journals, and effectively communicate their research findings. The following were the Resource Person for this FDP:

- Prof. Amit Kumar Singh - Professor, Delhi University, New Delhi
- Dr. Aviral Kumar Tiwari - Assistant Professor, IIM Bodh Gaya
- Prof. Santosh Panda - Professor, IGNOU, New Delhi

- Dr. Rahul Pratap Singh Kaurav - Associate Professor, FORE School of Management, New Delhi
- Dr. Imran Anwar - Assistant Professor, School of Management, Sir Padampat Singhania University, Udaipur
- Dr. Bright Akwasi Gyamfi - Associate Professor, School of Management, Sir Padampat Singhania University, Udaipur

- **BUSINESS SIMULATION WORKSHOP - February 27, 2024**

Participants (MBA Semester II students) tested their skills in realistic scenarios requiring them to respond in real-time to challenges. Two trial rounds were conducted to explain how business simulation works and then a competition was held between 15 teams consisting of 3 members each. The Resource Person for this workshop was - Mr. Ajit Pal Singh Patel, Founder-Chief Learner, Bizlead.in (AG&G Associates).

Mr. Ajit Pal Singh Patel in a Business Simulation Workshop

- **WORKSHOP - FINANCIAL LITERACY - February 27, 2024**

Speaker and participants in a workshop on financial literacy

The workshop featured distinguished guest speakers from the industry: Mr. Manoj Kumar, Mr. Sushil Kumar Dani, and Mr. Ram Sharma, who shared various facets of financial management. Their sessions explored the impact of digitalization on financial services, emphasizing the need for adaptability and technological literacy in the evolving financial landscape.

- **INDUSTRIAL VISIT – JK Cement Plant, Nimbahera and Mangrol. March 6-7, 2024**

Ninety three students of SoM visited the JK Cement Plants. The visit aimed to provide insights into the operations, technology, and sustainability practices of one of the leading cement manufacturers in the region.

Students at JK Cement Nimbahera Plant

- **STUDY TOUR, INTI International University, Malaysia. March 3-10, 2024**

Students at INTI University, Malaysia

Sixteen students from the School of Management along with Prof. Shweta Lalwani participated in a 7 Day Study tour. The 7 days tour comprised of cultural and hands-on skill-based workshops, trips to Melaka, Batu caves, Genting Highlands, KLCC and Melati hill hiking. The students also attended classes delivered on business communication and etiquettes, art of research, music, traditional indoor games of Malaysia.

Dr. Shweta Lalwani visited Lincoln University College in Malaysia to discuss potential collaborations in research and academia. She met with Prof. Ghosh, the Dean of the School of Business, and Pro-Vice Chancellor, Prof. Sandeep Poddar.

Dr. Shweta Lalwani at Lincoln University College, Malaysia

- **INTERNATIONAL CONFERENCE ON NAVIGATING THE FUTURE: AI, BLOCKCHAIN, SUSTAINABLE DEVELOPMENT IN THE G-20 WORLD - April 19-20, 2024**

President Prof.(Dr.) Prithvi Yadav, Col.(Dr.) Sanjay Sinha, Dignitaries and team SPSU

The School of Management organised an international conference. The Guest of Honours were Mr. Ajay Kumar Saraog i, Deputy Managing Director and CEO, J K Cement and Prof.(Dr.) Narendra Singh Rathore (Campus Director, Geetanjali Institute of Technical Studies, Udaipur). The keynote speakers present in the ceremony were Prof. Sivaneasan Bala Krishnan (Singapore Institute of Technology, Singapore), Mr. Shubham Chatterji, Head Education and Academia, SAS, India and Mr. Pankaj Kumar Diwan, Director, Idealabs, Hyderabad India. The abstract book 'The Essence' was released by the Dignitaries during the inaugural ceremony. Col. (Dr.) Sanjay Sinha, Vice President, Head of Education- JK Cement education vertical and Board member, SPSU also graced the occasion with his presence. Other keynote speakers who joined online were Prof. Chinthaka Premachandra, Shibaura Institute of Technology, Tokyo, Japan, Prof. (Dr.) Sandeep Poddar, (Lincoln University, Malaysia; Prof. Sheng Lung Peng, Department of Creative Technologies & Product Design, National Taipei University of Business, Taiwan, Prof. Bernardo Nicoletti, Temple University, Rome, Italy, Dr. Pravakar Sahoo, Senior Lead, NITI Ayog & Professor of Economics Growth, India, Prof. Tingwen Huang, FIEEE Texas A&M University, Qatar Campus, Qatar and Dr. Indrajeet Pal, Asian Institute of Technology, Thailand and Dr. Bui Thanh Hung, Industrial University of Ho Chi Minh City, Vietnam. Prof. Naveed Yasin, Department of Entrepreneurship and Creative Industries, Canadian University Dubai, UAE and Prof. Martin Margala, University of Louisiana, Lafayette, USA; Prof. Bhuvan Unhelkar, University of South Florida, USA. Academicians and research scholars from best universities across the country such as Aligarh Muslim University, Aligarh; ITM (SLS) Baroda University, Jaipuria Institute of Management, Ghaziabad, Manav Rachna International Institute of Research and Studies, Faridabad, India, Jamia Millia Islamia University, New Delhi; Delhi Skill & Entrepreneurship University, Delhi Sharda University, Greater Noida, U.P; Mangalayatan University, Dhanamanjuri University, Manipur; Delhi School of Professional Studies & Research,

Delhi, Manipur University; Quantum University, Roorkee, School of Management and Business Studies, Jamia Hamdard, New Delhi; Janardan Rai Nagar Rajasthan Vidyapeeth Deemed University, Udaipur; Rajasthan Technical University, Kota; School of Business, Public Policy and Social Entrepreneurship, Dr. B R Ambedkar University Delhi; National Institute of Fashion Technology, Bengaluru, Acharya Bangalore B- School, Bangalore; Jamia Hamdard, New Delhi, Delhi Skill & Entrepreneurship University, Delhi Government Girls P.G. College, Fatehpur gave presentations. The conference was sponsored by LoM Digital. Centre for Innovation in Skills and Social Entrepreneurship, SAS, was the Academic partner and Outlook was the media Partner for the conference. A total of 81 research papers were presented in the Conference.

SUMMER INTERNSHIP ORIENTATION WORKSHOP - May 20, 2024

Dr. RKS Mangesh Dash addressing the students in the Summer Internship Orientation Workshop

Under the guidance and leadership of Prof. (Dr.) Prithvi Yadav, Vice Chancellor and President, SPSU a summer internship orientation workshop was organized by the School of Management on May 20, 2024. Dr. RKS Mangesh Dash, an NLP Coach, Design Thinking Expert, OD Consultant, Behavioural/ Sales Trainer, and Motivational Speaker delivered the workshop. The Dean, School of Management, Professor (Dr.) Sadananda Prusty inaugurated and welcomed the guest and participants. The workshop focused on preparing MBA students for summer internships and pre-placement activities. Key topics included the types of assessments students might encounter, professional qualities and competencies sought by recruiters, and preparation for various interview rounds. Dr. RKS Mangesh Dash provided detailed guidance on handling the subjects, personality, and competency-related questions. He briefed the students about aptly presenting their strengths and areas for improvement while adhering to interview etiquette. He also highlighted the importance of the workplace environment and suggested suitable questions students could ask during interviews. The students participated actively in the knowledge sharing interactive session.

CONSULTANCY

TZi Solutions Private Limited, Rs. 10,000/- March 28, 2024.
Title - Capital Budgeting and Recommendation on Financial Management.

Dr Manish Dadhich - Co Principal Investigator

FUTURE PLANS

The school plans to open a Case Centre under the Faculty Development Programme.

7.0 UNIVERSITY PERSONNEL MANAGEMENT

7.1 OFFICERS OF THE UNIVERSITY

S. No.	Name	Designation
1	Dr. Nidhipati Singhania	Chairperson
2	Col.(Dr.) Sanjay Sinha	Head of Education
3	Prof. (Dr.) Prithvi Pal Yadav	President (From April 1, 2024)
4	Prof. (Dr.) M. K. Vajpayee	President (From October 13, 2023 – Till Jan 21, 2024)
5	Prof. (Dr.) Padmakali Banerjee	President (Till October 11, 2023)
6	Col. (Dr.) Sanjiv Tomar	Pro-President (Till November 30, 2023)
7	Prof. (Dr.) Udayprakash R Singh	Registrar (From March 22, 2024)
8	Prof. (Dr.) Naveen Kumar	Professor & Head, Mechanical Engineering, Registrar (From May 17, 2023 - Till March 21, 2024)
9	Prof. (Dr.) Sadananda Prusty	Sr. Professor & Dean, SoM
10	Prof. (Dr.) Arun Kumar	Professor & Dean, SoE (Till June 13, 2024)
11	Prof. (Dr.) Prasun Chakrabarti	Senior Professor, Dean International Affairs, Director Research (From September 27, 2023)
12	Prof. (Dr.) Deepak Vyas	Proctor
13	Dr. Ritesh Tirole	Controller of Examinations (From April 5, 2024)
14	Dr. Om Prakash Suwalka	Controller of Examinations (Till April 5, 2024)
15	Mr. Rajesh Mathur	Chief Finance & Accounts Officer
16	Mr. Yogendra Singh	Head - HR (Till February 15, 2024)
17	Mr. Virendra Gupta	Director - Admissions & Marketing (From July 28, 2023)
18	Dr. Suneel Gupta	Head - Placements & Training (From June 10, 2024)
19	Mr. Pradeep Kumar	Head - Administration (Till May 25, 2024)
20	Lt. Col. Neeraj Kumar	Campus Director, SPSU (From April 25, 2024)

7.2 TEACHING STAFF

SCHOOL OF ENGINEERING		
S. No.	Name	Designation
Department of Biotechnology		
1	Dr. Archana Gajbhiye	Associate Professor
Department of Chemistry		
2	Dr. Deepak Vyas	Professor & Head
3	Dr. Tulika Chakrabarti	Associate Professor
Department of Civil Engineering		
4	Dr. Avinash Ojha	Assistant Professor & Head
5	Mr. Aman Jain	Assistant Professor
6	Dr. Lokesh Gupta	Assistant Professor
Department of Computer Science & Engineering		
7	Dr. Darpan Anand	Professor, Associate Dean & Head (Till December 08, 2023)
8	Dr. Arun Kumar	Professor (Till June 13, 2024)
9	Prof. (Dr). Prasun Chakrabarti	Senior Professor, Dean International Affairs, Director Research (From September 27, 2023)
10	Dr. Ashutosh Gupta	Associate Professor
11	Dr. Mukesh Kalla	Associate Professor (Till October 13, 2023)
12	Dr. Harish Tiwari	Assistant Professor / NSS Coordinator
13	Dr. Chandani Joshi	Assistant Professor
14	Mr. Gurpreet Singh	Assistant Professor and Director Sports
15	Mr. Harsh Bansal	Assistant Professor
16	Mr. Kumar Saurabh	Assistant Professor (Till May 31, 2024)
17	Mr. Rohit Narendra Bokade	Assistant Professor (Till December 31, 2023)
18	Mrs. Supriya Mishra	Assistant Professor (From August 16, 2023)
19	Ms. Rashmi R Kalshetty	Assistant Professor (From September 04, 2023)
20	Ms. Diksha Rangwani	Assistant Professor (Till February 04, 2024)
21	Dr. Alok Kumar	Professor (From July 10, 2023)
22	Dr Utsav Upadhyay	Assistant Professor (From August 10, 2023)
23	Mr. Brajesh K Sharma	Assistant Professor (From August 25, 2023)
24	Dr. Kamal Kant Hiran	Assistant Professor (From September 13, 2023)
25	Dr. Manish Tiwari	Assistant Professor (From June 19, 2024)
Department of Electronics & Communication Engineering		
26	Dr. Anand A Bhaskar	Associate Professor & Head
27	Dr. Amrit Ghosh	Associate Professor

28	Dr. Ritesh Tirole	Assistant Professor
Department of English		
29	Dr. Monika Anand	Professor & Head
30	Dr. Shibani Banerjee	Professor
Department of Mathematics		
31	Dr. Yashoverdhan Vyas	Assistant Professor & Head
32	Lt. (Dr.) D S Chouhan	Associate Professor
33	Dr. Arvind Sharma	Assistant Professor
Department of Mechanical Engineering		
34	Dr. Naveen Kumar	Professor & Head
35	Dr. Pankaj M Rastogi	Assistant Professor
Department of Mining Engineering		
36	Dr. Deepak C Pandey	Assistant Professor & Head
37	Mr. Manjeet S Bhullar	Assistant Professor
Department of Physics		
38	Dr. Prithvi Singh	Associate Professor & Head
39	Dr. Vinod Patidar	Professor (Till July 5, 2023)
40	Dr. Omprakash Suwalka	Associate Professor
SCHOOL OF MANAGEMENT		
41	Dr. Shweta Lalwani	Professor & Head
42	Dr. Disha Mathur	Assistant Professor
43	Dr. Manish Dadhich	Associate Professor
44	Dr Neeti Mathur	Assistant Professor
45	Ms. Poonam Saini	Assistant Professor
46	Dr. Ajit Kumar	Assistant Professor (Till November 15, 2023
47	Dr. Anurag Shukla	Assistant Professor (Till April 2, 2024)
48	Mr. Dipesh Vaya	Assistant Professor (From January 4, 2023)
49	Dr. Bright Akwasi Gyafmi	Associate Professor (Till July 31, 2024)
50	Dr. Seba Mohanty	Assistant Professor (Till August 31, 2023)
51	Ms Reena Nigam	Associate Professor (Till November 20, 2023)
52	Ms. Sanchita Ghosh	Assistant Professor (Till April 25, 2024)
53	Dr. Mohd Tariq Jamal	Assistant Professor (From July 18, 2023)
54	Dr. Sarika Singh	Assistant Professor (From July 19, 2023)
55	Mr Imran Anwar	Assistant Professor (From August 11, 2023)
56	Dr. Jaiyawala Yogesh K	Assistant Professor (From August 22, 2023)
57	Dr. Tarunima Mishra	Assistant Professor (From August 22, 2023)
58	Dr. Suneel Gupta	Professor & Head Placements (From June 10, 2024)
59	Dr Gour C Saha	Senior Professor (From June 24, 2024)

	SCHOOL OF LIBERAL STUDIES	
60	Mr. Dhirendra K Gupta	Assistant Professor (From September 29, 2023)

7.3 NON-TEACHING STAFF

	Office of the Registrar	
1	Prof. (Dr.) Udayprakash R Singh	Registrar (From March 22, 2024)
2	Dr. Amrit Ghosh	Deputy Registrar (Till May 8, 2024)
3	Mr. Manish Sharma	Executive Assistant (Till June 21, 2024)
4	Mr. Dinesh Gujjar	Executive Assistant (Till May 24, 2024)
5	Mr. Rahul Nagda	Executive Assistant (From June 12, 2024)
6	Mr. Bharat Heerawat	Executive Assistant
	Office of the President	
7	Prof. (Dr.) Prithvi Pal Yadav	President (From April 1, 2024)
8	Mr Ram Bhanwar Singh	Executive Assistant
	Office of the Controller of Examinations	
9	Dr. Om Prakash Suwalka	Controller of Examination (Till April 5, 2024)
10	Mr. Devendra K Chaubisa	Examination Assistant
	Department of Training & Placement	
11	Dr. Suneel Gupta	Head, Placements (From June 10, 2024)
12	Mr. Sangram Kuntia	Manager - Training and Placement (Till October 13, 2023)
13	Mr. Mukesh Chandra Mishra	Data Entry Operator/ Placement Assistant
	HR Office	
14	Mr. Yogendra Singh	Head - HR (Till February 15, 2024)
15	Mr. Ajit Singh Panwar	Manager HR (Till November 12, 2023)
16	Mr. Chhatrapal S Shaktawat	Associate, HR (Till February 22, 2024)
	Admission Cell	
17	Mr. Virendra Gupta	Director - Admissions & Marketing (From July 28, 2023)
18	Mr. Mannu Das	Sr. Manager - Admission (Till April 4, 2024)
19	Mr. Gaurav Sandal	Sr. Manager - Admission (From July 10, 2023)
20	Mr. Ajit Kumar	Sr. Manager - Admission (From December 18, 2023)
21	Mr. Lakshya Pandey	Assistant Manager - Digital Marketing (From January 08, 2024)

22	Mrs. Rohita Manu	Assistant Manager (From June 10, 2024)
23	Mr. Narendra Kumar Sharma	Manager - Admission (Till July 5, 2023)
24	Mr. Himanshu Purohit	Zonal - Manager (Till January 5, 2024)
25	Mr. Rajiv Verma	Manager - Admission (Till November 11, 2023)
26	Mr. Baj Bahadur Singh Rathor	Manager - Admission
27	Ms. Priyam Tomar	Sr Manager-Marketing (Operations) (Till April 5, 2024)
28	Mr. Partha Pratim Maiti	Senior Executive (From January 18, 2024)
29	Ms. Sonali Choudhary	Admission Executive
30	Mr Kunal Jat	Graphic Designer (From January 15, 2024)
31	Mr. Mukesh Chandra Sen	Manager - Admission
32	Ms. Richa Kalla	Admissions Counsellor (Till November 6, 2023)
33	Ms. Renuka Gehlot	Admissions Counsellor (Till June 06, 2024)
34	Ms. Karishma Kumawat	Admissions Counsellor
35	Ms. Mahi Sanadhya	Admissions Counsellor (From May 1, 2024)
36	Ms. Aayushi Jain	Admissions Counsellor (From June 5, 2024)
37	Ms. Ruchi Soni	Admissions Counsellor (From June 5, 2024)
38	Mr. Rahul Gavariya	Admissions Counsellor (Till June 7, 2024)
39	Mr. Shubham Doshi	Admissions Counsellor (Till July 31, 2024)

Department of Finance

40	Mr. Rajesh Mathur	Chief Finance & Accounts Officer
41	Mr. Dev Kishan Heerawat	Manager - Accounts

Department of Project

42	Mr. K P Singh Sisodia	Manager - Project
43	Mr. K.C. Mishra	Civil Supervisor

Department of Information Technology & Services

44	Mr. Pankaj Dwivedi	System Engineer
45	Mr. Suman Kishor Rawat	System Administrator
46	Mr. Mitesh Singh	IT Assistant (From April 1, 2024)
47	Mr. Surendra Kumar Sahu	IT Assistant
48	Mr. Pradeep Kumar	Head-Administration (Till May 25, 2024)
49	Lt (Col.) Neeraj Kumar	Campus Director (From April 25, 2024)
50	Mr. Sumer Singh	Administrative Officer
51	Mr. Sunil Kumar Pandey	Administrative Officer (From June 14, 2024)
52	Ms. Pratikshya Nanda	Executive Assistant (Till November 29, 2023)
53	Mr. Yogesh Hinger	Executive Assistant (Till October 10, 2023)

54	Mr. Tehsin Ahmed Sheikh	Executive Assistant (From August 8, 2023)
55	Mr. Ram Bhanwar Singh	Executive Assistant at the President's Office
56	Ms. Shiksha Dashora	Programme Assistant
57	Mr. Ranjiv Ranjan	Associate (From September 13, 2023)
58	Mr. Vaddi Laxman	Assistant Administrative Officer
59	Dr. Umesh Kumar Nunia	Junior Medical Officer

Department of Administration

60	Mr. Praveen Singh Jhala	Assistant Administrative (From July 23, 2023)
61	Mr. Mithun Kumar Garg	Medical Assistant
62	Ms. Teena Garg	Nurse (From October 10, 2023)
63	Ms. Kusum Janwa	Assistant Warden / Store Assistant
64	Mr. Bharat Choubisa	Garden Supervisor
65	Mr Arjun Kumar Garg	Horticulture Supervisor
66	Ms. Sita Paneri	Assistant Warden
67	Ms. Anju Sharma	Assistant Warden
68	Mr. Manohar Singh Udawat	Assistant Warden
69	Ms. Santosh Devi	Caretaker
70	Mr. Rajender Singh	Driver
71	Mr. Kalu Singh Kharwad	Driver (Till July 31, 2023)

Department of Sports

72	Mr. Vishram Yadav	Sports Consultant (Till July 25, 2024)

Central Library

73	Mr. P. K. Panigrahi	Librarian
74	Dr. Surendra Sethy	Assistant Librarian

Laboratories

75	Mr. Kamlesh Hara	Lab Assistant
76	Mr. Akhilesh Kumar Vyas	Lab Assistant
77	Mr. Suresh Chand Sen	Lab Assistant
78	Mr. Chandra Prakash Sen	Lab Assistant
79	Mr. Deepak Dayma	Lab Assistant
80	Mr. Bhawani Shankar	Lab Assistant
81	Mr. Sanjay Parihar	Lab Assistant
82	Mr. Bharat Singh Sarangdevot	Lab Assistant
83	Mr. Kamalendra Singh Kitawat	Lab Assistant (Till 11 July 2023)

Department of Maintenance

84	Mr. Mangilal Meghwal	Electrician
85	Mr. Deepchand Bairwa	Electrician
86	Mr. Jagmohan Singh Rajput	Telephone Operator

Guest House, Housekeeping, Facilities		
87	Mr. Keshu Lal	Caretaker
88	Mr. Vijay Singh	Caretaker
89	Mr. Hem Singh	Caretaker
90	Mr. Durgesh Tiwari	Caretaker

SIR PADAMPAT SINGHANIA UNIVERSITY
BHATEWAR, UDAIPUR
(A DIVISION OF YADUPATI SINGHANIA FOUNDATION)

TANDAN DIWAKER & CO.
Chartered Accountants
Premises No. 23,
36/1 Kailash Mandir, Khas Bazar,
KANPUR - 208001

BALANCE SHEET AS AT 31st MARCH,2024

PREVIOUS YEAR (Rs.)	LIABILITIES	AS AT 31.03.2024 (Rs.)	PREVIOUS YEAR (Rs.)	ASSETS	AS AT 31.03.2024 (Rs.)
665608289	Head Office Account	679765951		**Fixed Assets:**	
211404547	Add: Receipts during the year	201840000	961395061	Gross Block- As per Annexure-A	980087379
197246885	Less: Excess of Expenditure over Income as per Income & Expenditure A/c	163357383	1009809	Building Under Construction As per Annexure B	0
679765951		718248568	962404870		980087379
	General Fund			**Current Assets, Loans & advances**	
23000000	Opening Balance as on 01.04.2023	23000000		**A. Current Assets**	
0	Add: Amount transferred during the year	0	20000000	Deposit with Govt. in PD A/c	20000000
23000000		23000000	4000000	Fixed Deposit with Bank	0
			13694081	Cash at Bank	28369068
	Depreciation Reserve		161823	Cash In Hand	101321
281712780	Opening Balance as on 01.04.2023	281653752	37855884		48470409
59028	Less: Depreciation written back during the year	148770			
281653752		281504982		**B. Loans and Advances:**	
0	Add:Depreciation during the year	0	4495456	Fees Receivable	3850553
281653752		281504982	360481	Staff Advance	26612
			363558	Prepaid Expenses	0
13621	Secured Loans	0	1973	Accrued Interest	0
			1676314	Security Deposit	1676314
	Deposit From Parties:		665294	Sundry Debtors	4043671
3841142	Security/Retention Deposit - Contractor	3013844	7563076		9597150
3738655	Earnest Deposit - Students	3702655			
95147	Security Deposit - Others	95147			
7674944		6811646		**TDS Recoverable**	
2876627	Payable to Students	1982076	18850	TDS Recoverable - FY 2022-23	18850
			0	TDS Recoverable - FY 2023-24	4487
	Sundry Creditors:		18850		23337
7911632	Expenditure	4054354	0	TCS Recoverable - FY 2023-24	5412
2677784	Others	93759			
10589416		4148113			
2268369	Tax Deducted at Source	2488302			
1007842680	**Total**	1038183687	1007842680	**Total**	1038183687

AUDITORS' REPORT UDIN 24013736 BKNRPN9U19
As per our report of even date appearing on the separate sheet

FOR TANDAN DIWAKER & CO.
Chartered Accountants

(PROPRIETOR)

PLACE: KANPUR
DATE: 23.9.24

(NIDHIPATI SINGHANIA)
CHAIRPERSON

(SANJAY SINHA)
HEAD OF THE EDUCATION

(DR. PRITHVI YADAV)
PRESIDENT

(DR. UDAYPRAKASH R.SINGH)
REGISTRAR

SIR PADAMPAT SINGHANIA UNIVERSITY
BHATEWAR, UDAIPUR
(A DIVISION OF YADUPATI SINGHANIA FOUNDATION)

TANDAN DIWAKER & CO.
Chartered Accountants
Premises No. 23,
36/1 kailash Mandir,Khas Bazar
KANPUR - 208001

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2024

PREVIOUS YEAR (Rs.)	EXPENDITURE	YEAR ENDED 31.03.2024 (Rs.)	PREVIOUS YEAR (Rs.)	INCOME	YEAR ENDED 31.03.2024 (Rs.)
95187488	To, Salaries	24002398	127201000	By, Academic Fees	175128000
7610619	To, Security Charges	7526535	86917085	Less: Scholorship (Fees Waiver)	112343400
8462	To, Laboratory Expenses	3859	40283915		62784600
1862461	To, Internet Expenses	1053026			
29714358	To, Advertisement Expenses	23658497	31887806	By, Hostel fees	46111925
1222961	To, Student Cultural Activities	1798046	0	By, Industrial Certificate Receipt	5536530
493762	To, Subscription to Periodical & Journals	559056	20000000	By, Donation	15000000
0	To, Board & Academic Meeting Expenses	22484	7490005	By, Misc. Receipt	11915672
1002313	To, Travelling & Conveyance Expenses	1387480	509594	By, Interest from Banks & Others	870905
1775047	To, DG Set Running Expenses	1317749	197246885	By, Excess of Expenditure over Income	163357383
4680066	To, Electricity Charges	6899147			
2226572	To, Faculty and Visitors Expenses	2701979			
16502495	To, Training & Placement Expenses	11887325			
4332033	To, House Keeping Expenses	8869984			
2434957	To, Gardening Expenses	1961603			
309300	To, Professional & Consultancy Charges	458905			
23028	To, Interest on Loan and bank Charges	25497			
108017	To, Telephone & Mobile Expenses	127363			
12874444	To, Mess Expenses	20907430			
275000	To, Audit Fees	300000			
6846758	To, Recruitment Expenses	1173218			
35771642	To, Repair & Maintenance Expenses	31568204			
126776	To, Student Welfare Expenses	208591			
610758	To, Printing & Stationery	775006			
358059	To, Insurance	816739			
14597	To, Postage and Revenue Stamps	31443			
69741	To, Misc. Exps.-Charges General	45655			
1079604	To, Software Expenses	1230189			
66988565	To, Admission Process Expenses	48985808			
1746037	To, Convocation Expenses	2420221			
135715	To, Staff Welfare Expenses	45396			
47370	To, Freight & Handling Expenses	22290			
791500	To, Bus Hiring Charges	2622000			
187500	To, Contract Charges -Others	90892			
0	To, NAAC Expenses	50000			
0	To, CSR Fund Utilisation	100000000			
297418005	**Total**	305577015	297418005	**Total**	305577015

AUDITORS' REPORT UDIN 24013736 BKNRPN949
As per our report of even date appearing on the foot of the Balance Sheet

FOR TANDAN DIWAKER & CO.
Chartered Accountants

(PROPRIETOR)

PLACE: KANPUR
DATE: 23.9.24

(NIDHIPATI SINGHANIA)
CHAIRPERSON

(SANJAY SINHA)
HEAD OF THE EDUCATION

(DR. PRITHVI YADAV)
PRESIDENT

(DR.UDAYPRAKASH R.SINGH)
REGISTRAR

SIR PADAMPAT SINGHANIA UNIVERSITY
Bhatewar, Udaipur (Raj)

SCHEDULE OF FIXED ASSETS - 31-03-2024
(ANNEXURE 'A')

Name of the Assets	ORIGINAL COST				DEPRECIATION				WDV BLOCK	
	As on 31-03-2023	During the year		As on 31-03-2024	As on 31-03-2023	During the year	Dep. Written back due to	As on 31-03-2024	As on 31-03-2024	As on 31-03-2023
		Addition	Deductions							
Land										
Land	55799369	0	0	55799369	0	0	0	0	55799369	55799369
Total	55799369	0	0	55799369	0	0	0	0	55799369	55799369
Block - I - Buildings										
Administrative Building	20886092	0	0	20886092	5468940	0	0	5468940	15417152	15417152
Administrative Site Building	780382	0	0	780382	87245	0	0	87245	693137	693137
Entrance Gate	424337	0	0	424337	0	0	0	0	424337	424337
Faculty Residence-1	16676740	0	0	16676740	4393877	0	0	4393877	12282863	12282863
Faculty Residence-2	16657316	0	0	16657316	4386784	0	0	4386784	12270532	12270532
Faculty Residence-3	16750359	0	0	16750359	4399787	0	0	4399787	12350572	12350572
Faculty Residence- 4	42372800	0	0	42372800	5635494	0	0	5635494	36737306	36737306
Boundry Wall	13343197	0	0	13343197	1894872	0	0	1894872	11448325	11448325
Road	57108584	0	0	57108584	2843245	0	0	2843245	54265339	54265339
Vehicle parking	224795	0	0	224795	21680	0	0	21680	203115	203115
Rain Water Drain	2306073	0	0	2306073	560473	0	0	560473	1745600	1745600
Security Cabin	1616602	0	0	1616602	32891	0	0	32891	1583711	1583711
Septik Tank	841141	0	0	841141	209433	0	0	209433	631708	631708
Septik Tank- 2	1700940	0	0	1700940	182360	0	0	182360	1518580	1518580
Service Staff Quarter	3988121	0	0	3988121	1033237	0	0	1033237	2954884	2954884
Water Tank	6589573	0	0	6589573	1727895	0	0	1727895	4861678	4861678
Water Supply and Sewage Pipe Line	7120803	0	0	7120803	1321109	0	0	1321109	5799694	5799694
Sub Station Building	2427080	0	0	2427080	586560	0	0	586560	1840520	1840520
Tube well	1643379	0	0	1643379	246232	0	0	246232	1397147	1397147
Play Ground	2404688	1780412	0	4185100	349015	0	0	349015	3836085	2055673
Faculty Office	22697050	0	0	22697050	4156330	0	0	4156330	18540720	18540720
Well	1161604	0	0	1161604	184057	0	0	184057	977547	977547
Pathway Shade	3930094	0	0	3930094	547525	0	0	547525	3382569	3382569
Landscaping	3169805	0	0	3169805	719107	0	0	719107	2450698	2450698
Water Drainage Line	3459336	0	0	3459336	362138	0	0	362138	3097198	3097198
Water Drainage line(nala)	12499788	0	0	12499788	440369	0	0	440369	12059419	12059419
Class IV Residence	10291701	0	0	10291701	248875	0	0	248875	10042826	10042826
Banner Foundation with frame work										

SIR PADAMPAT SINGHANIA UNIVERSITY
Bhatewar, Udaipur (Raj)

SCHEDULE OF FIXED ASSETS - 31-03-2024
(ANNEXURE 'A')

Name of the Assets	ORIGINAL COST				DEPRECIATION				WDV BLOCK	
	As on 31-03-2023	During the year		As on 31-03-2024	As on 31-03-2023	During the year	Dep. Written back due to	As on 31-03-2024	As on 31-03-2024	As on 31-03-2023
		Addition	Deductions							
Block - III - Plant & Machinery										
Physics Lab Equipments	985562	0	0	985562	596819	0	0	596819	388743	388743
Chemestry Lab Equipments	533083	0	0	533083	330137	0	0	330137	202946	202946
Bio- Tech Lab Equipments	4123814	0	0	4123814	2308053	0	0	2308053	1815761	1815761
Electronic Lab equipments	8629686	0	0	8629686	4009940	0	0	4009940	4619746	4619746
Mechanical Lab Equipments	7383650	0	0	7383650	2950425	0	0	2950425	4433225	4433225
Lab equipment-electrical	2377306	0	0	2377306	390078	0	0	390078	1987228	1987228
Civil Lab Equipments	1984418	0	0	1984418	792545	0	0	792545	1191873	1191873
Hotel Management Lab Equipment	11120	0	0	11120	0	0	0	0	11120	11120
Mining Lab.equipment	494700	0	0	494700	0	0	0	0	494700	494700
IOTIF Lab.	598087	0	0	598087	0	0	0	0	598087	598087
Total	27121426	0	0	27121426	11377997	0	0	11377997	15743429	15743429
(2) Machinery & Plant										
EPBX	1220680	0	0	1220680	621024	0	0	621024	599656	599656
Air Conditions	13235813	919317	0	14155130	2768965	0	0	2768965	11386165	10466848
Television	242920	34500	0	277420	118671	0	0	118671	158749	124249
Tools & Equipments	19688	0	0	19688	12263	0	0	12263	7425	7425
Kitchen Equipments	3283312	1612235	0	4895547	1033714	0	0	1033714	3861833	2249598
Sewage Treatment Plant	14107966	0	0	14107966	4684894	0	0	4684894	9423072	9423072
RO Treatment Plants	5460722	0	0	5460722	1438929	0	0	1438929	4021793	4021793
Fridge	15890	0	0	15890	6356	0	0	6356	9534	9534
Washing Machine	12130	0	0	12130	1820	0	0	1820	10310	10310
Sound System	96635	0	0	96635	17812	0	0	17812	78823	78823
Elevator	612181	0	0	612181	340552	0	0	340552	271629	271629
Water cooler	1108994	104600	0	1213594	323952	0	0	323952	889642	785042
Roller for cricket Grd.	35200	0	0	35200	16826	0	0	16826	18374	18374
Paper shredder	10277	44250	0	54527	2852	0	0	2852	51675	7425
Fountain	83454	0	0	83454	21633	0	0	21633	61821	61821
Chimney	245296	0	0	245296	52432	0	0	52432	192864	192864
Photo Copier Machine	81829	0	0	81829	27142	0	0	27142	54687	54687
Garden Equipments	136850	57900	0	194750	0	0	0	0	194750	136850
Power washing pump	19180	0	0	19180	0	0	0	0	19180	19180
Biogas Plant	0	224540	0	224540	0	0	0	0	224540	0
Total	40029017	2997342	0	43026359	11489837	0	0	11489837	31536522	28539180

Signature for Authentication UDIN 24013736BKNGPNT4G9

FOR TANDAN DIWAKER & CO.
Chartered Accountants
KANPUR
(Proprietor)

(NIDHIPATI SINGHANIA)
CHAIRPERSON

(SANJAY SINHA)
HEAD OF THE EDUCATION

(DR. PRITHVI YADAV)
PRESIDENT

(DR. UDAYPRAKASH R. SINGH)
REGISTRAR

148

SIR PADAMPAT SINGHANIA UNIVERSITY
Bhatewar, Udaipur (Raj)

SCHEDULE OF FIXED ASSETS - 31-03-2024
(ANNEXURE 'A')

Name of the Assets	ORIGINAL COST				DEPRECIATION				WDV BLOCK	
	As on 31-03-2023	During the year		As on 31-03-2024	As on 31-03-2023	During the year	Dep. Written back due to	As on 31-03-2024	As on 31-03-2024	As on 31-03-2023
		Addition	Deductions							
(3) Vehicles										
Bus	0	0	0	0	0	0	0	0	0	0
Loading Tempo (1)	0	0	0	0	0	0	0	0	0	0
Loading Tempo (2)	310000	0	0	310000	148178	0	0	148178	161822	161822
Tractor	709950	0	0	709950	199294	0	0	199294	510656	510656
Winger	706000	0	0	706000	304946	0	0	304946	401054	401054
Eeco Van -New	420317	0	0	420317	0	0	0	0	420317	420317
Garbage Riksha	10000	0	0	10000	0	0	0	0	10000	10000
Electric Bicycle	0	204573	0	204573	0	0	0	0	204573	0
E-Rickshaw	0	423000	0	423000	0	0	0	0	423000	0
Total	2156267	627573	0	2783840	652418	0	0	652418	2131422	1503849
Block - III - (4)										
IT Infrastructure	50603736	6921015	154848	57369903	32565212	0	148770	32416442	24953461	18038524
Security Appliances	328340	0	0	328340	228953	0	0	228953	99387	99387
Bar Code Scanner	76392	0	0	76392	74651	0	0	74651	1741	1741
Books	5755325	108825	1025	5863125	5006640	0	0	5006640	856485	748685
Software	1212450	0	0	1212450	0	0	0	0	1212450	1212450
Total	57976243	7029840	155873	64850210	37875456	0	148770	37726686	27123524	20100787
Grand Total of Fixed Assets	961395061	18848191	155873	980087379	281653752	0	148770	281504982	698582397	679741309

Signature for Authentication UDIN24013736BKNQPN949

FOR TANDAN DIWAKER & CO.
Chartered Accountants
KANPUR
(Proprietor)

(NIDHIPATI SINGHANIA)
CHAIRPERSON

(SANJAY SINHA)
HEAD OF THE EDUCATION

(DR. PRITHVI YADAV)
PRESIDENT

(DR. UDAYPRAKASH R. SINGH)
REGISTRAR

SIR PADAMPAT SINGHANIA UNIVERSITY
Bhatewar, Udaipur (Raj)

SCHEDULE OF FIXED ASSETS-31-03-2024
(ANNEXURE 'B')

Name of the Asset	Op. Balance as on 01.04.2023	During the year		Balance as on 31.03.2024
		Addition	Deduction	
Project In progress				
Pond work	1009809	0	1009809	0
Total Of PIP	1009809	0	1009809	0

UDIN 24013736BKNGPX9419
Signature for Authentication

FOR TANDAN DIWAKER & CO.
Chartered Accountants
KANPUR
Proprietor

PLACE : KANPUR

DATE : 23.9.24

(NIDHIPATI SINGHANIA)
CHAIRPERSON

(DR. PRITHVI YADAV)
PRESIDENT

(SANJAY SINHA)
HEAD OF THE EDUCATION

(DR. UDAYPRAKASH R. SINGH)
REGISTRAR
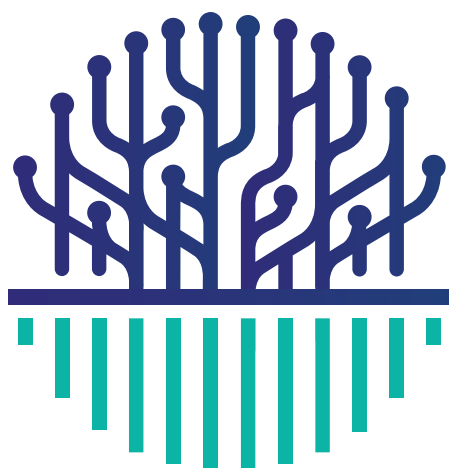
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Sir Padampat Singhania University

Bhatewar, Udaipur, Rajasthan, 313 601

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