



BHARTIYA SKILL DEVELOPMENT UNIVERSITY

ANNUAL REPORT

2020-21

ANNUAL REPORT

2020-21



BHARTIYA SKILL DEVELOPMENT UNIVERSITY JAIPUR

BHARTIYA SKILL DEVELOPMENT UNIVERSITY



Founder

Late Dr. Rajendra Kumar Joshi

Visionary, Philanthropist, Educationist, Pharmacologist

In Commemoration of our beloved Dr Rajendra Kumar Joshi: Founder Chairperson



Remembering Dr. Joshi, the fraternity of BSDU virtually joined together to pay him a tribute on 1 Oct 2020, his first death anniversary. On this occasion, Dr. Susheela Sharma, Registrar, BSDU organized a virtual tribute and Dr. Shekhar Kapoor presented a documentary elaborating the glorious life journey of the iconic figure.

From the Editorial Team

What an extraordinary year 2020-21 has been for the all the education sectors in the world. The restrictions due to the COVID-19 pandemic affected all the schools, colleges and universities globally. They all had to respond to unprecedented challenges. The fact that BSDU has been able to successfully fulfil its mandate under these difficult conditions is even more rewarding. In switching from face-to-face to distance learning, the university has demonstrated that it possesses the organisational and technical skills needed to efficiently reach and involve their students.

The Annual Report of the University portrays the wide spectrum of various academic and co-curricular activities at the University conducted in the span of July 2020 to June 2021. The Editorial Committee has candidly tried to capture the vibrant academic environment that exists in the University Campus highlighting the research and innovations like MoUs of the University, R & D activities like projects, research publications, participation in international seminars and workshops, special achievements including awards and honours. The notable contributions made by the faculty and some of the achievements of the students are also included in the pages that follow. We hope that the Annual Report 2020-21 presents successfully the academic culture of BSDU to its readers.

We thank the Management for their constant support and encouragement in bringing out this report. The Committee thanks all those who have contributed directly or indirectly in preparing and publishing this Annual Report.

Contents

1. Chairperson's Message

2. President's Message

3. Vision, Mission, Objectives

4. Report on Governance

- Introduction
- Constitution of Various Bodies
 - Board of Management
 - Academic Council
- Meetings of Board of Management
- Meeting of Academic Council
- Meetings of the Board of Studies
- Weekly Meetings
- BSDU Accorded UGC Approval
- MoUs Signed
- Fight Against Pandemic

5. Report on Academic Activities

- Schools & Programmes
- Admissions
- Academic Calendar
- Examination Section
- Webinars, Workshops & Academic Events
- Activities of IIC
- Research & Development Activities

6. Report on Co-Curricular Activities

7. Training & Placement Cell

8. Knowledge Resource Centre

9. Visits by Dignitaries

10. University Personnel

- Management
- Teaching Staff
- Non-Teaching Staff

11. Photo Gallery

Message of Chairperson



I wish to congratulate the Bhartiya Skill Development University, Jaipur (BSDU) for bringing out their third Annual Report for the year 2020-21. The Annual Report is testimony to the commendable accomplishments of BSDU and also the hard work and dedication of all the faculty and staff members and this with under the huge impact of Corona Pandemic. Thank you all for your tireless support making a further step in the right direction for BSDU achieving the status and prestige of a premier Skill Development University in India and abroad in the near future.

BSDU has the most advanced and refined equipment available for students to be trained on under instructions from highly acclaimed and eminent Indian and Swiss teachers/trainers. Additional Indian/Swiss trainers will be sought and hired in 2022 in order to advance the development of the University and to raise our standard of training. Also, the structural planning (Construction) is in full swing so that we can work on the completion with full vigor and energy in the coming year.

I extend my compliments to the editorial team and wish luck and success to BSDU for a bright future and I also like to wish a great and successful future to all the aspiring students.

A handwritten signature in black ink, appearing to read 'U. Joshi', written in a cursive style.

Mrs. Ursula Joshi
Chairperson, BSDU,
Jaipur



President's Message

BSDU is unique, different and first of its kind in India in terms of its curriculum, training procedures and standards. The University aspires to be a leader and a trend setter in Skill Education. In this endeavour, the University enthusiastically encourages innovative and experimental approaches in education consistent with its vision and mission.

BSDU has undoubtedly established itself as a pioneer in revolutionizing the conventional teaching- learning method. The Swiss Dual - System of education, wherein the students gain hands - on experience in the industry, has given a much needed shot in the arm to the concept of higher education in our country. Some initiatives proposed in the National Education Policy 2020 are being practiced in this University since inception.

In a short span of four years, the University has succeeded in developing a number of Programmes aimed at skilling the youth thereby making them industry- ready. The tie ups and the MOUs with the industries bear testimony to the commitment of BSDU to imparting quality education and following best practices at par with the topmost universities worldwide.

I am proud to share the accomplishments and achievements of *Bhartiya Skill Development University, Jaipur* (BSDU) in the third *Annual Report -2020-21*. This Annual Report details the major events of BSDU covering the activities related to Governance, Academics, Research & Development, Examinations, and other domains, carried out despite the hardships posed by the pandemic COVID-19. The report is the outcome of the commendable efforts of the BSDU Team in raising the University to new heights of excellence.

I extend my cordial wishes to BSDU for a bright future ahead!

A handwritten signature in blue ink, which appears to read 'Achintya Choudhury'. The signature is written in a cursive style and is underlined.

**Prof. Achintya
Choudhury President,
BSDU Jaipur**

Vision

Global excellence in skill development

Mission

- ❖ To create opportunities and a conducive environment for skill development of Indian youth to make them globally employable
- ❖ To be a choice destination for skills education and research

Objectives

- ❖ To support, promote and undertake the advancement of quality skills education leading to Certificate, Diploma, Advanced Diplomas, Undergraduate, Postgraduate, Doctoral and Post-Doctoral degrees in different vocations
- ❖ To create a world class infrastructure for training, research, innovation and entrepreneurship
- ❖ To provide a flexible system with lateral entry, multiple exit points and recognition of previous learning (RPL)
- ❖ To provide for ample industrial internships integrated into the curriculum

REPORT ON GOVERNANCE

INTRODUCTION

Bhartiya Skill Development University (BSDU Jaipur) is a venture of the renowned Rajendra and Ursula Joshi Charitable Trust (RUJCT). The University was established through legislation of BSDU Act in 2017 by the Govt. of Rajasthan. The university has since been recognized and empowered to award degrees by the University Grants Commission (UGC). It is the first Indian University to offer only skill-based programmes and has established itself as a leading education provider with prime focus on holistic skills training based on Swiss Dual-System using machinery and equipment procured from the best manufacturers all across the globe. BSDU is thus able to imbibe excellence in skills training and competitive abilities in students. In its short span of four years, the university has adopted a pioneering role in designing and imparting skill education. BSDU has always remained committed to academic excellence, entrepreneurial spirit, diversity, vibrancy and creativity. It prides itself of total involvement of all its stakeholders. A comprehensive account of the governance and administration as well as academic, co-curricular and other developmental activities of the University for the Academic Year spanning between July 2020 and June 2021, has been presented in this Annual Report.

CONSTITUTION OF VARIOUS BODIES

BOARD OF MANAGEMENT

S. No	Name	Profession	Full Postal Address
1	Mrs. Ursula Joshi	Chairperson	Rajendra & Ursula Joshi Foundation Wolleraustr,41a, CH-8807 Freienbach, Switzerland
2	Prof. Achnitya Choudhury	President, BSDU	Bhartiya Skill Development University Plot No 005/001-002 DTA Mahindra World City Off Ajmer, PO Bad Ke Balaji Jaipur 302042
3	Mr. Jayant Joshi	Nominee & Trustee, RUJCT	D-30, Jan Path, Shyam Nagar Jaipur
4	Mr. Nayan Joshi	Nominee & Trustee, RUJCT	D-4/150 Chitrakoot, Step by Step School Road, Ajmer Road Jaipur -21
5	Mr. Jalaj Joshi	Nominee & Trustee, RUJCT	D-30, Jan Path, Shyam Nagar Jaipur
6	Mr. Markus Gmeiner	Nominee RUJCT & CEO, Joshi Foundation	Rajendra & Ursula Joshi Foundation Wolleraustr,41a, CH-8807 Freienbach, Switzerland
7	Mr. Marco Syfrig	Chairperson Nominee & Chairman & CEO Burkhalter Holding	Burkhalter Holding Hohlstrasse 475 8048 Zureich, Switzerland
8	Mr. Anil Kumar	Nominee RUJCT & Legal Counsel, RUJCT	
9	Prof. SC Bhaduri	President Nominee & Dean, Faculty of AER Skills	Bhartiya Skill Development University

10			Plot No 005/001-002 DTA Mahindra World City Off Ajmer, PO Bad Ke Balaji Jaipur 302042
10	Prof. BK Jha	President Nominee & Principal School of Manufacturing Skills	Bhartiya Skill Development University Plot No 005/001-002 DTA Mahindra World City Off Ajmer, PO Bad Ke Balaji Jaipur 302042
11	Dr. Susheela Sharma	Registrar, BSDU Jaipur(Member Secretary)	Bhartiya Skill Development University Plot No 005/001-002 DTA Mahindra World City Off Ajmer, PO Bad Ke Balaji Jaipur 302042
12	Abhishek Joshi	MD RUFIL(Special Invitee)	RUFIL DTA 005-008 & 009 Domestic Tariff Area, SEZ Mahindra World City, Off Ajmer Road, Jaipur 302037

ACADEMIC COUNCIL

S. No	Name	Profession	Full Postal Address
1	Prof. Achnitya Choudhury	President, BSDU (Chair Person)	Bhartiya Skill Development University Plot No 005/001-002 DTA Mahindra World City Off Ajmer, PO Bad Ke Balaji Jaipur 302042
2	Mr. Markus Gmeiner	CEO, Rajendra & Ursula Joshi Foundation	Rajendra & Ursula Joshi Foundation Wolleraustr,41a, CH-8807 Freienbach, Switzerland
3	Prof. SC Bhaduri	Dean, Faculty of Automotive, RAC & Electrical Skills and Dean Research	Bhartiya Skill Development University Plot No 005/001-002 DTA Mahindra World City Off Ajmer, PO Bad Ke Balaji Jaipur 302042
4	Prof. BK Jha	Principal School of Manufacturing Skills & Director Industrial Relations	
5	Dr. Mushtaq Ahmed	Principal School of Office Administration and Hospitality & Tourism Skills	
6	Col Raj Kumar	Professor, School of Computing Skills	
7	Mr Arun Kumar Singh	Chief Trainer, School of Construction Skills	
8	Col Sanjay Gangwar	Principal, School of Automotive & Woodworking Skills	
9	Dr. Ritu Tak	Principal, School of Electrical Skills	
10	Ms Marietta Nuessli	Project Manager, Hospitality & Tourism Skills	
11	Mr. Kastriot Komani	Project Manager, Healthcare Skills	
12	Mr. Andre Schneider	Project Manager, Metal Construction Skills	
13	Mr. Matthias Faeh	Project Manager, Woodworking Skills	
14	Dr. Sangeetha Noval	Associate Professor & Head, General Education	

15	Dr. Rajdeep Deb	Associate Professor & Head, Entrepreneurship Skills	
16	Mr. Pranav Singhal	Sr. Trainer-II, School of Manufacturing Skills	Bhartiya Skill Development University Plot No 005/001-002 DTA Mahindra World City Off Ajmer, PO Bad Ke Balaji Jaipur 302042
17	Dr. Susheela Sharma	Registrar, BSDU	
18	Mr. Jitendra Mathur	Sr. Trainer-I, School of Computing Skills	
19	Mr Rahul Mehta	COO, Furniture & Fittings Sector Skill Council	DLF City Court, 407-408, 4th Floor, Sikanderpur, Mehrauli-Gurgaon Rd, Nathupur, Sector 24, Gurugram, Haryana 122002
20	Mr. PVG Menon	CEO, Electronic Sector Skills Council	602,6th Floor, Ansal Chambers II, Bhikaji Cama Place, New Delhi- 110066
21	Ms Shalini Singh	CEO, Capital Goods Sector Skill Council	L-29, 1st Floor, C/o AWFIS, Outer Circle , Connaught Place (Next to Haldirams) New Delhi 110001
22	Mr. Ravi P Singh	CEO, Power Sector Skill Council	Plot No 4, Institutional Area CBIP Building, Malcha Marg Chanakyapuri, New Delhi-110021
23	Mr. Nikunj Sanghi	Chairman, Automotive Skills Development Council	153, GF, Okhla Industrial Area Phase 3, New Delhi 110020
24	Dr Sunit Badhwar	Head, Standard Tourism & Tourism Hospitality Skills Council	404/407, 4th Floor, Mercantile house, KG Marg, Connaught Place, New Delhi, Delhi 110001
25	Dr Sandhya Chintala	Executive Director, IT-ITes Sector Skills Council	Plot No - 7,8.9 & 10, Sector 126 , Noida, UP. Pin Code : 201303

MEETINGS OF THE BOARD OF MANAGEMENT

Two meetings of the **Board of Management** were held during the Academic Year 2020 - 21.

Sixth Meeting of the Board of Management

The sixth Meeting was held on 28 August, 2020. Major decisions of this meeting included dissociation of Brig. (Dr.) S S Pabla, as the post of Pro-Chancellor held by him was not in existence as per the Act. The Board also decided in favour of a sponsorship scheme proposed by RUJCT at the express wish of Mrs. Ursula Joshi to help the students of BSDU fight the adversities and distress faced by them because of the pandemic COVID

-19. The sponsorship scheme was regulated by the guidelines issued for both *Tuition fee waivers for existing students* and *Tuition fee waiver for new students*.

Seventh Meeting of the Board of Management

The seventh meeting of the Board of Management was held on 21 May 2021. The Board decided to introduce a new Programme on B.Sc Nursing from the next academic session.

The Board also reviewed the continuance of some existing Programmes and decided to discontinue admissions to the following Programmes: B.Voc in Entrepreneurship Skills, Machine Learning & AI Skills and Office Administrations Skills. The proposed budget for FY 2021 – 22 was examined in the meeting and it was also decided to discontinue the sponsorship scheme introduced in the previous year. The Board also examined the admission strategy and decided the scholarship and fee concessions effective from 2021 – 22 batch.

MEETING OF THE ACADEMIC COUNCIL

The 1st Academic -Council Meet

The first meeting of the Academic Council of the University was held virtually on 16 June 2021. The Council was apprised that the role of this highest academic body was being performed by the Central Board of Studies because of the unique nature of this University. The Council then reviewed the recommendations made by the Boards of Studies of different faculties regarding modifications in course structure and syllabus of existing Programmes and approved them with minor modifications. The meeting also approved some addenda to the existing Ph.D rules and noted that the curricula would be gradually updated based on outcome based education approach.

MEETINGS OF THE BOARD OF STUDIES

The Board of Studies (BOS) of different faculties met during the period of this report primarily to review the course structures and syllabus pertaining to the programmes running under these faculties and to recommend changes, if any. The gist of the deliberations in these meetings are outlined in the following paragraphs.

The Board of Studies for the Faculty of Manufacturing Skills met on 12 July, 2020. The meeting recommended some changes in the course structures of the M.Voc Programmes in Woodworking Skills and Manufacturing Skills to make them more relevant to the students.

The meeting of the BOS for the Faculty of Automotive, Electrical and RAC Skills was held on 29 July, 2020. Changes in some courses of Automotive Skills were recommended to include the two-wheeler segments with the incorporation of the Hero Two-wheeler Lab in the School. The nomenclature of some of the courses in the School of Electrical Skills were proposed to be changed to make them more relevant. BOS for the Schools of Construction and Entrepreneurship Skills met on 18 August 2020 and recommended some changes in the courses structure for the B.Voc and M.Voc Programmes running in these schools. The meeting also deliberated on the relevance and importance of introducing a PG Diploma program in Digital Marketing and Web Analytics.

The meeting of the BOS for the Faculty of Informatics & Automation was held on 16 October, 2020. Some changes were proposed in the course structures of B.Voc in Machine Learning & AI and IT & Networking Skills in accordance with the recent developments in this area.

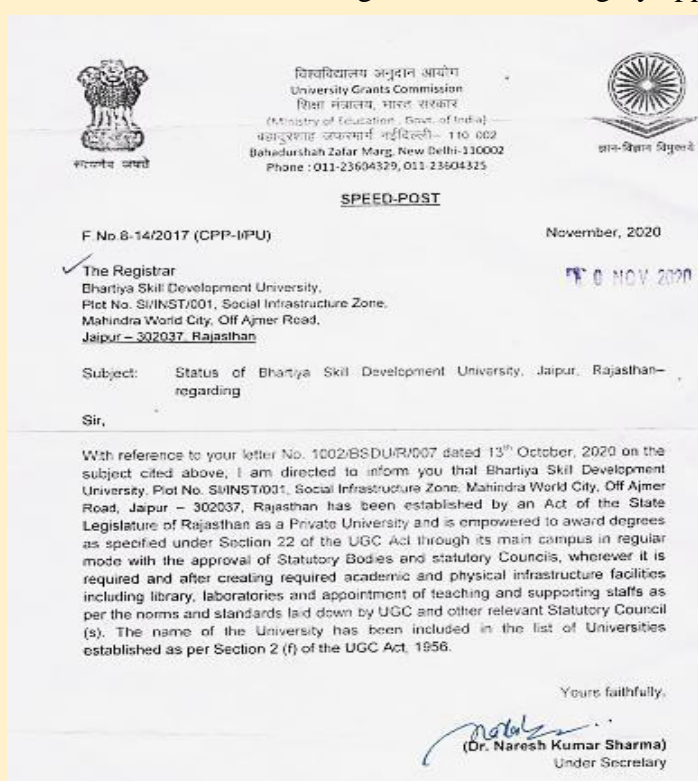
WEEKLY MEETINGS

All Functionaries of BSDU such as Deans, Principals, Registrar and other Departmental Heads meet every Monday under the chairmanship of the President. The meetings review the activities of the previous week and also deliberate on the proposed activities of the following week.

BSDU ACCORDED UGC APPROVAL: A MARK OF EXCELLENCE

It is a proud moment for BSDU on being accorded the status of a University established as per the Section 2(f) of the following the approval of the UGC Commission Report received on 23 September 2020.

The Committee comprising the experts observed that the University had adhered to the required standards and could serve as a model university for skill education. The transparency in its academic activities and governance was highly appreciated



MOUs SIGNED

In order to provide the best exposure and training to our students, BSDU collaborated with an array of Industries, Educational Institutions, Research and Skill-Related Organizations. The following MOUs have been signed during the period July 2020 – June 2021:

1.	Kamtech Associates Pvt Ltd, Jaipur	Skilled Based Training, Education, Research and Development	Skilled Based Training, Education, Research and Development and Employment	01.08.2020
----	------------------------------------	---	--	------------

2.	Solar91 Cleantech Pvt Ltd, Jaipur	Skilled Based Training, Education, Research and Development	Skilled Based Training, Education, Research and Development and Employment	13.08.2020
3.	VUV Solar LLP, Jaipur	Skilled Based Training, Education, Research and Development	Skilled Based Training, Education, Research and Development and Employment	28.10.2020
4.	Furniture & Fittings Skill Council, Gurgaon	Skilled Based Training, Education, Research and Development	Skilled Based Training, Education, Research and Development and Employment	30.10.2020
5.	JCB India Ltd Mahindra World City, Jaipur	Skilled Based Training, Education, Research and Development	Skilled Based Training, Education, Research and Development and Employment	19.11.2020
6.	Ergoflex India Pvt Ltd, Rajhat, Hoogly (WB)	Skilled Based Training, Education, Research and Development	Skilled Based Training, Education, Research and Development and Employment	26.11.2020
7.	Tourism and Hospitality Skill Council (THSC) New Delhi	Skilled Based Training, Education, Research and Development	Skilled Based Training, Education, Research and Development and Employment	11.01.2021

FIGHT AGAINST PANDEMIC@ BSDU

100% Fee-Waiver for Existing and New Students During the Pandemic

The COVID-19 pandemic caused a serious effect in different forms on the humankind globally. A silver lining at this time of distress is the promulgation of National Education Policy 2020. It would not only bring into prominence the roles of vocational education and apprenticeship but also ensure higher employability of the students through appropriate skill development.

In support of this transformational initiative of the Government of India, **Rajendra and Ursula Joshi Charitable Trust (RUJCT)**, the sponsoring body of Bhartiya Skill Development University (BSDU) Jaipur took a remarkable step of announcing a tuition fee waiver. It was extended to the existing and the newly enrolled students of the university for the session 2020- 21 pursuing the B.Voc and M.Voc Programmes. The decision was taken considering the financial hardships faced by the BSDU students and to ensure them unobstructed supervised practical training as well.

COVID- 19 Awareness and Mask Distribution Programme

On behalf of BSDU, the *Knowledge Resource Centre* organized the **COVID- 19 Awareness and Mask Distribution Programme** on 3 November 2020. More than 400 masks were distributed to the pedestrians and people travelling on other vehicles. The event was organized at the DTA Main Gate, Mahindra SEZ, Jaipur. The awareness campaign reached around 3872 people in Mahindra SEZ.

BSDU: Runner- Up in the COVID Safety Week

BSDU bagged the second prize for the DTA Area in the **COVID- 19 Safety** competition held by the Mahendra World City. The prize was awarded considering the constant efforts made by BSDU for adhering to the safety protocols as well as spreading awareness of the same among people. Dr. Susheela Sharma, Registrar and Col. RajKumar, Provost received the award on behalf of BSDU on 9 December 2020.

In-House Project of Sanitizing Dispenser

Following the stated guidelines of the Government of Rajasthan, the university took precautionary measures against Covid-19 at regular intervals. In the series of these protocols, School of Manufacturing Skills and School of Metal Construction Skills developed a project of in-house foot-operated hand sanitizing equipment.

15 equipment were designed, manufactured and placed at different locations in the premises of the university to be used by students, faculty and visitors.

COVID-19 Awareness Drive

The School of Health Care and Paramedics organized an Awareness and Mask Distribution drive on 12 April 2021 at the BSDU campus with respect to the ongoing pandemic - COVID-

19. The School sensitized the staff and students with the COVID-19 safety guidelines and made aware about its symptoms, the required hand hygiene practice, the social distancing criteria, importance of masks and also the correct way of wearing as well as handling them. In addition, all employees are provided with a fresh mask being distributed every morning and ensured that they sanitize their hands at regular intervals. The School continuously monitors and ensures that the staff and students follow the guidelines and remain safe and healthy.

Vaccination- Drive Sponsored by RUJCT

A vaccination drive sponsored by the RUJCT to vaccinate the employees of all the esteemed concerns of RUJ group viz-BSDU, Woodcraft, R.S. India and RUFIL was held on Monday, 14 June 2021 at the University campus from 9 a.m. to 4 p.m. 297 employees of the aforementioned concerns availed the facility and got vaccinated with the Covishield at the campus.

A team of 11 health workers from Manipal Hospital assisted to conduct the drive. Considering the safety protocol, it was organized in a spacious mess area of the University.

REPORT ON ACADEMIC ACTIVITIES

SCHOOLS & PROGRAMMES

School of Automotive Skills

About the School

The School of Automotive Skills came into existence in 2017 with a mission to impart knowledge, technical skills & hands-on training in automobiles, focusing on four wheelers, both petrol & diesel, tractor and agricultural implements. The Programme is designed to introduce the students to the operation of today's complex vehicles by giving them a comprehensive understanding of various automotive systems like Transmission, Brakes, Steering and Suspension, Electrical and Electronics, and Engine Performance, etc. Students acquire skills required to identify and repair mechanical and computer controlled electronic systems in the latest models of automobiles.

Programmes Offered

- Bachelor of Vocation (B.Voc.)
- Master of Vocation (M.Voc.)
- Ph. D.

Faculty & Trainers

Col. Sanjay Gangwar, Principal has an expertise in Vehicle Technology. He has 28 years of experience in Armed Forces and an extensive academic experience in Military Engineering.

Mr. Markus Grueter, Project Manager, has an expertise in Advance Vehicle Technology and Electronics and has more than 11 years of work experience.

Dr. Ankur Sagar, Associate Professor, has his Ph.D. in Mechanical Engineering. He has an 8 years of teaching experience.

Mr. Sumit Kashyap, Sr. Trainer, has his B.Tech. in Mechanical Engineering. He is currently pursuing M. Voc and has over 5 years of teaching experience.

Mr. Krishan Sharma, Trainer-I has his B.Tech. in Mechanical Engineering. He is currently pursuing M. Voc and has 3+ years of teaching experience.

Mr. Amit Sharma, Assistant Professor, has his M.Tech from NIT Calicut. He has over 5 years of teaching experience.

Mr. Baljeet Singh, Trainer-II, has his B.Tech. in Mechanical Engineering is currently pursuing M. Voc and has over 2 years of teaching experience.

Mr. Kamlesh Kumar Chaudhary, Trainer-II, has his B.Tech. in Mechanical Engineering. He is currently Pursuing M. Voc. and has over 3 years of teaching experience.

Mr. Sourabh Chechani, Trainer-II, has his B.Tech in Mechanical Engineering. He is pursuing PGDSCM has over 2 years of teaching experience

Mr. Ubed-Ul-Haque Junoir Trainer, has his B.Tech. Mechanical Engineering. He has a work experience of a year and 1 year of teaching experience.

Mr. Shekhar Sharma, Trainer-II, has his B. Tech. in Mechanical Engineering and has 2.8 years of teaching experience.

School of Computing Skills

About the School

The School has specialized labs for preparing industry ready skilled workforce. Artificial Intelligence, Machine Learning and Cloud Computing Labs are the flagship facilities of the School offering advanced solutions for human computer interaction. The Robotics Lab offers Mobile Robotics courses which provides training for building customized robots. IoT Lab and 3D Printing Lab are other state-of-the-art facilities. PCB Design Lab further enhances the in - house manufacturing capabilities. Focus on enhanced learning with modern technologies is the motto of the School. Several innovative products are being designed and deployed at the School level like Raspberry Pi based standalone computer, Smart Dustbin, Wi-Fi cooler to name a few.

Programmes Offered

- B.Voc. in IT/Networking Skills
- B.Voc. in Machine Learning & AI Skills
- B.Voc. In Telecom and Electronics Skill
- B.Voc. in VLSI Design Skills
- M.Voc. in Embedded Systems & IoT

Faculty & Trainers

Col. Raj Kumar, Principal

He has his M. Tech from IIT Bombay and has served the Indian Army, Corps of Signals for 22 years handling latest State of the Art Technologies which includes Electronic Counter measures and Electronic Counter measures. He has also worked as Chief Technology Officer with Globacom, Nigeria. During his corporate service, he has handled 2G, 3G and LTE Technology Planning, Projects and Operations.

Mr. T R Sharma, Chief Trainer, has his M.Tech. and holds an experience of 36 years in R&D/Industry/Academics

Mr. Jitendra Mathur, Senior Trainer cum Network Manager

He has his M.Sc. (Elec), DCH, CNA, MCP, CCNA and has 28 years of experience in education, especially in networking.

Dr. Sumitra Singar, Assistant Professor, has her B. Tech in Computer Science. She has a more than 6 years of experience. Her specialization includes circuit design, simulation of digital circuits, Internet of things and PCB designing.

Dr. Soma Kumawat, Assistant Professor has her BE., M. Tech, Ph.D. She has an experience of more than 12 years in communication and teaching.

Dr. Sandeep Gupta, Assistant Professor holds a Ph.D.in Engineering from India and MBA from Europe. He has a rich experience in the Information Technology domain and has worked in companies like Accenture, Ernst & Young and Telecom Italia.

Mr. Deepak Khatri, Trainer II, has a B.Tech. He has an experience of 6 months in teaching.

Mr. Manoj Kumar Gurjar, Trainer-II, has a B.Tech. He has an experience of 6 months in teaching.

Ms. Rikky Kumari, Junior Trainer II, has a B. Tech. in Electronics and Communication Engineering. She has an experience of 6 years

Mr. Sumit, Trainer II has a B.Voc. in IT & Networking. He has an experience of an year in teaching

School of Construction Skills

About the School

The School aims to develop, establish, standardize and sustain Industry-Competency Frameworks, Skills Levels, Occupational Standards; Build, Create and Deliver Capacity, Investment and Skilling Outcomes, which shall meet or exceed customer expectations through ethical, transparent and effective management of the Construction and Infrastructure Industry.

Programmes Offered

- B.Voc. in Construction Skills

Faculty & Trainers

Mr. Arun Kumar Singh, M. Tech., Principal, has worked in different capacities, like Inspection, Evaluation and Monitoring of Naval Works Residential, Offices, TRG Facilities, UG Defense Structures, many types of roads, bridge) stadium, OHTs and hold a rich academic experience.

Dr. CP Sharma, Asst. Prof, Ph.D Horticulture(/Floriculture), an expert in latest Nursery Techniques, Medicinal Plants, JFM& T, Seed Technology and has a vast teaching experience.

Mr. Ravi Sharma, Trainer- I, has his M.E. in Geotechnical Engineering. He has an experience of 8yrs

Mr. Iqraj Nabi, B. Tech in Civil Engineering, Trainer I, has 5 years of experience in Teaching/Industry.

Mr. Gori Shankar Soni, B. Tech , Civil Engineering, Trainer II, has 7 years of experience in academics/Industry .

About the School

The School of Electrical Skills established in July 2017 imparts quality education with special focus on practical training to equip students with the skills to maintain various electrical equipment/systems used in the industries. In addition, the School aims to train and equip students to become professionals par excellence in Renewable Energy Technology, considering the immense potential in the solar field. The training is based on the Swiss Dual System which lays emphasis on practical training to make students industry-ready with the help of well-equipped laboratories, well-stocked library, qualified and experienced faculty, specialized Swiss and Indian trainers who enhance the professional competence of the students.

Programmes Offered

- B.Voc. in Electrical Skills
- B.Voc. in RET Skills
- M.Voc. in Smart Power System
- Ph.D. in Power System
- Ph.D. in Renewable Energy
- Ph.D. in Smart Grid

Faculty & Trainers

Dr. Ritu Tak, Associate Professor & Officiating Principal, has her Ph.D. in Electrical Engineering. She has 15 years of rich experience in administration and teaching in various institutions

Dr. Pancham Kumar, Assistant Professor-I, has his Ph. D. in Electrical Engineering and hold over 6 years of experience in teaching and telecom Industry.

Dr. Satyendra Singh, Assistant Professor-I, has his Ph.D. in Electrical Engineering. He has more than 11 years of experience in industry, teaching, and research in the Electrical domain.

Mr. Yatendra Singh Hada, Trainer-I, has his B. Tech. in Electrical Engineering and holds over 3 years of experience in teaching

Mr. Shubham Singh Rathore, Trainer-I, has his B.Tech. in Electrical Engineering and has over 3 years of teaching experience.

Mr. Pawan Kumar Choudhary, Trainer-I, has his B.Tech. in Electrical Engineering and has over 5 years of teaching experience.

Ms. Surbhi Pareek, Trainer-I, has her B.Tech. in Electrical Engineering and M.Voc. degree in Smart Power System (Electrical Engineering). She has over 3 years of Industry and teaching experience.

Mr. Navjot Singh, Trainer-II has his B.Tech. Hons. in Electrical and Electronics Engineering, He has over an year of teaching experience.

Mr. Kuldeep Kumar, Trainer-II has his Diploma in Electronics, B.Tech in Electrical Engineering and he has 3 years of teaching experience.

School of Entrepreneurship Skills

About the School

The School of Entrepreneurship Skills (SES) imparts research-led knowledge, technical skills, and Hands-on-training in the area of Entrepreneurship Skills with a personal approach in an international setting. SES also offers entrepreneurial support for all students of BSDU The School gives them the skills, connections, and confidence that they need to forge their start-up journey.

Programmes Offered

- B.Voc. in Entrepreneurship Skills
- M.Voc. in Entrepreneurship Skills
- Ph.D.

Faculty & Trainers

Dr. Rajdeep Deb, Principal, has his Ph.D. in Material Sciences. He has a varied background that includes Startup Mentoring, Online Branding, Teaching with Technology, Corporate Relations, and Community Outreach. Much of his current work builds on in the area of entrepreneurship education and startup branding.

Dr. A.K. Aggarwal, Assistant Prof, has his Ph.D. (Entrepreneurship), MBA (Marketing), MTP (IIMB, IIFT), UGC-NET. He has an experience of 15 years experience in Teaching, Academic Administration, Quality Assurance, Academic Research, Entrepreneurship Coaching & Development and Management Consultancy.

Dr. Shekhar Kapoor Assistant Prof. & Senior Admission Officer, has his Ph.D. in Management, qualified NET and has 12 years of teaching and administration experience.

Dr. Mredu Goyal, Assistant Prof. has her Ph.D She has an experience of 10+ years in academics and research.

School of General Education Skills

About the School

The School provides exposure to a wide range of disciplines and areas of knowledge associated by tradition or by institutional convention as the arts and sciences. General education develops a set of essential competencies including writing, speaking and quantitative analysis enabling the student to think and write clearly, effectively and critically.

The subjects of General Education aim at imparting general knowledge, communication skills, soft skills, awareness about economy, governance, environment and moral values for the all- inclusive development of a student.

The School of General Education does not offer Degree Courses of its own, but cater to

the needs of all schools by offering various courses for holistic development of the student's personality. The curriculum promotes responsible citizenship, ethical behaviour, educational ambition, professional development and global integration.

Faculty & Trainers

Prof. Surat Singh, Head, Ph. D. (Political Science) has written seven books and published 40 research papers in various journals of repute. He has also served in various State Universities as Director of General Education and Humanities

Ms. Vijayalakshmi Bhat, Assistant Professor has her M.A. (Eng. Lit.) and is pursuing Ph.D from BSDU. She has over two decades of teaching experience at both UG and PG levels in various colleges in Manipal Institute of Technology, Manipal.

Dr. Sangeetha Noval, Associate Professor, Ph.D. (Eng. Lit.), has 17 years of teaching experience in various reputed institutions and universities. She has an expertise in teaching Literature, ESL and Soft-skills.

Dr. Ajay Sharma, Assistant Professor, Ph.D. (ELT.), in his academic career spanning over 11 years, has held various teaching and administration positions in different institutions.

Dr. Kiran Shekhawat, Assistant Professor, Ph. D. (Eng. Lit.), has 11 years of teaching experience in various colleges and universities. She also has DELF-A1 certificate in French.

Dr. Purna Srivastava, Assistant Professor Ph.D. (Eng. Lit.), has 11 years of work experience with expertise in multifarious abilities including soft skills training, counselling and grooming students.

Dr. Rakesh Choudhary, Assistant Professor, Ph.D. (Mathematics) has a teaching experience of more than 6 years including the teaching assistance while pursuing Ph.D. at Manipal University Jaipur.

Mr. Lalaran Choudhary, French Trainer, M.A French, MBA Travel & Tourism, has a teaching experience of more than 5yrs.

School of Health Care & Paramedics Skills

About the School

The School follows the Swiss dual system and modern teaching methods to help students acquire flexibly usable knowledge, develop interdisciplinary skills and improve their problem-solving capability including social competence and teamwork within the scope of the training. Specialized Swiss tutors mentor and support students throughout the programme. The School learning area provides occupationally relevant insights from nursing science and its reference sciences where the students acquire knowledge, attitude and skills based on structured learning content (modules). The School learning area offers the opportunity to work on theory, concepts and models systematically.

Programmes Offered

- B.Voc. in Health Care Skills (Patient Relation Services)

Faculty & Trainers

Mr. Kastriot Komani, Project Manager, has his Certificate and Master of Arts in Business Coaching & Change Management, University of Hamburg, Germany, Major; Change Management in large companies and Master of Advanced Studies in Applied Ethics, University of Zurich, Switzerland. He has a work experience of 11 years in Academics/Industry.

Ms. Petra Stangwald, Master Trainer is a registered Nurse, Lörrach, Germany. She has had her Higher Technical Education in Nursing- Level 1 from Aarau, Switzerland in addition to Advanced course in the therapeutic care of adults with Hemiparesis, ZHAW, Zürich, from Switzerland.

Mr. Tanuj Narula ,Trainer II, has his MBA Hospital Administration & Management, Jaipur.

Mr. Om Prakash Shrimal Trainer I has his Masters in Health Sciences, Jaipur. He holds an experience of 9 years in Academics/Industry.

Mr. Ankit Prajapat, Trainer II, has his RS CIT and Diploma in General Nursing and Midwife. He holds an experience of 7 years in Academics/Industry.

School of Hospitality & Tourism Skills

About the School

The School of Hospitality and Tourism provides knowledge in the Hospitality sector and trains students in all aspects of Hotel and Tourism Management and Operations. The Programme aims to train students to work in the Hospitality Industry as well as equip them with knowledge and expertise in customer service skills, cultural awareness, communication skills, multitasking skills, work-ethics, professionalism, time- management and team spirit required to become competent Hoteliers. The curriculum of the School imparts education with a special focus on practical training by placing the students in Five Star Hotels for their Internship. It also provides an exit on every prominent level with Certificate, Diploma and Degree.

Programmes Offered

- B.Voc. in Hospitality and Tourism.

Faculty & Trainers

Mrs. Marietta Nüssli, Project Manager & Head, holds a Masters in Sales from the Marc M. Galal Institute in Frankfurt (D), a Bachelor of Organization from the Akad Business School in Zurich (CH) and a Master Practitioner of Neuro-Linguistic Programming from the Dr. Richard Bandler Institute USA. She has worked for over 31 years in a globally recognized association in Switzerland with the Swiss Dual System (SDS) training.

Mr. Vinay Kumar Verma, Trainer I, Housekeeping & Laundry has a Master's degree in Tourism Management. He is pursuing Ph. D. from BSDU and has over 8 years of experience in operations and academics.

Ms. Florence Jacob, Trainer/Teacher II in Front Office & Tourism has her Master's degree in Hospitality and Hotel Administration and holds a work experience of 3.5 years.

Mr. Vipin Kumar Singh, Trainer II, Food & Beverage Service has his Master's degree in Tourism Management. He has over 7 years' experience in hospitality industry.

School of Manufacturing Skills

About the School

The School of manufacturing skills started functioning in 2016 and is one of the most sought after schools of BSDU. It offers healthy atmosphere for the overall development of the students. The training is given in small groups with multiple trainers for personalized guidance. Each theoretical concept is illustrated by a practical application. There is close relationship with industry through internships and exchanges and well prepared course material with the support of experienced skill specialists.

Programmes Offered

- B.Voc. in Manufacturing Skills
- M.Voc. in Manufacturing Skills
- Ph.D.

Faculty & Trainers

Prof. Binit Kumar Jha, Professor and Principal, School of Manufacturing Skills has 27 years of diverse experience in both academics and industry. He has 22 research publications to his credit and also authored a book on CNC Programming. He received a grant of Rs.26.325 lakh from AICTE for setting up a skill development centre.

Pranav Singhal, Senior Trainer II, has his B. Tech. in Mechanical Engineering with an experience of 6 years and 3 months. He also holds a Masters in Operations Management from Jaipur National University, Rajasthan.

Anirudh Singh Sandu, Trainer I, has a B. Tech. in Mechanical Engineering. He holds over 5 years of experience and his core competencies include conventional and CNC-based machining, process planning and control, 7-axis CNC lathe, 5-axis CNC milling machine, and part programming in CNC.

Rachit Tiwari, Trainer I, has his B. Tech. with more than 4 years of experience. He has his expertise on the machines like CNC 3-axis and 5-axis Milling machine, Cylindrical and Surface grinding machine.

Hemant Sharma, Trainer I, has a B. Tech. in Mechanical Engineering (Hons.). He has more than 4 years' experience in academics and his expertise lies in product designing and working on different CAD and PLM platforms such as SOLIDWORKS, AUTOCAD, MASTERCAM, SEIMENS NX. He also has a certificate-diploma in Product designing from CADD CENTER Jaipur.

Deepak Swami, Trainer I, has his B. Tech. in Mechanical Engineering. He has an experience of 4 years and has a rich experience in working with Mazak 5 axis CNC milling.

Munendra Koli, Trainer I, has his B. Tech. in Mechanical Engineering. He has an experience of 4 years and his expertise lies in machining and machine programming based on diver's controller in the field of mechanical.

Dharmpal Kumhar, Trainer II, has a B. Tech. in Mechanical Engineering. He has over 4 years' experience in academics. His proficiency lies in the manufacturing of precision mechanical parts.

Akash Gade, Trainer II, has his B. Tech. in Mechanical Engineering. He has an experience of 3 years and holds an inspector certification in NDT techniques such as radiography and ultrasound inspection. His specialization includes design, machining techniques, sheet metal construction, welding.

Akram Mansuri, Trainer II has his B. Tech. in Mechanical Engineering. He has an experience of 3 years and his specialization lies in conventional turning and milling.

Shankar Lal Choudhary, Junior Trainer, has a B.Voc. in Manufacturing Skills. He holds an experience of 2 years and is proficient in CNC-3 axis (milling & turning), 7 Axis CNC turning, manual programming on Fanuc Series-21 controller.

Mukesh Kumar Khakhal, Junior Trainer, has a B.Voc. in Manufacturing Skills. He has an experience of 2 years and is proficient in CNC-3 axis (milling & turning), pneumatics, manual programming on Fanuc Series-21 and MASTERCAM.

Madhusudan Singh Rathore, Junior Trainer, has a B.Voc. in Manufacturing Skills. He has an experience of 2 years and has an expertise in machining which includes conventional milling, conventional turning, CNC- 3 axis (milling & turning), designing.

Sumit Bhukar, Junior Trainer, has a B.Voc. in Manufacturing Skills. He has an experience of 2 years and is specialized in machining which includes conventional milling, conventional turning, CNC- 3 axis and 5 axis machining and designing software.

School of Metal Construction Skills

About the School

The School of Metal Construction Skills offers a range of skilled courses pertaining to fabrication and processing of metal parts for component manufacturing integrated with the science and technology. The Students are trained to the highest level of quality standards under this professional industrial education under the supervision of Swiss Trainers. The Programme is in compliance with the Swiss Dual System Apprenticeship Education and Training.

The School offers the students a comprehensive training in various domains of metal processing which includes sheet metal fabrication in addition to high end joining and welding techniques. The students are introduced to metal forming processes such as rolling, bending, forging, deep drawing etc. The core element of the training is on fabrication and welding various grades of steel and aluminum alloys for different structural constructions.

Programmes Offered

- B.Voc. in Metal Construction Skills

Faculty & Trainers

Prof. Binit Kumar Jha, Principal, School of Metal Construction Skills has 27 years of diverse experience in both academics and industry. He has 22 research publications to his credit and has also authored a book on CNC Programming. He received a grant of Rs.26.325 lakh from AICTE for setting up a Skill Development Centre.

Mr. André Schneider, Project Manager, School of Metal Construction Skills has over 18 years of experience in the field of metal working as a Trainer and Project Manager.

Mr. Kaushal Tiwari, Senior Trainer-I, has his B. Tech in Mechanical Engineering. He has over 9 years of experience in industries and academics. He is a certified inspector for inspection and testing of welded structures and parts.

Mr. Bhagwan Sahai Bunkar Trainer-I, has B. Tech in Mechanical Engineering. He has 5 years of experience in using CNC Laser Cutting, CNC Press Brake, CNC Press Punch, CNC Roll Bending Machine, CNC plasma cutter, sheet metal shearing, notching and bending machine for sheet metal work.

Mr. Koshal Kishor Nagar, Trainer-II has his B. Tech in Mechanical Engineering. He has an over 3 years of experience in Welding & Sheet metal construction.

Mr. Pradeep Singh Chouhan, Trainer-II has his B. Tech in Mechanical Engineering and has over 4 years of experience in metal construction and fabrication.

School of Office Administration Skills

About the School

The School of Office Administration trains students in activities related to financial planning, record keeping & billing, personnel, physical distribution and logistics to become proficient in running the institution smoothly, effectively and efficiently. Students are made aware of the policies and procedures in an organization and equipped with advanced skills required to work on software applications such as Microsoft Word, Excel and Access.

Programmes Offered

- B.Voc. in Office Administration Skills

Faculty & Trainers

Prof. (Dr.) Mushtaq Ahmed, Principal School of Office Administration Skills served as a Class-One Officer in Indian Railways for more than 35 years and retired in higher administrative grade equivalent to Additional Secretary, Government of India. He Worked Extensively for Skill Development of Indian Railway Act Apprentices, Artisans and Technicians for more than 15 years during his posting in Workshops and Divisions of Railways.

Mr. Ram Bilas Agrawal, Assistant Professor, has an M.Sc. in Agriculture and is currently pursuing PhD. He has 33 years of banking experience and has worked in various positions in Administration & Field and retired as a Chief Manager of Punjab National Bank.

Dr. Pallavi Mathur, Assistant Prof, has Ph. D in Management and teaching experience of more than 10 yrs.

School of RAC Skills

About the School

School of Refrigeration and Air Conditioning Skills was formed in 2017. Students under this programme acquire skills to detect and repair mechanical, electrical and electronic systems of the latest machines in Refrigeration and Air-conditioning (RAC). A Centre of Excellence has been established at the University Campus by Daikin Air-conditioning India Private Ltd. for RAC Training.

Programmes Offered

- B.Voc. in RAC Skills
- M.Voc in RAC Skills
- Ph.D.

Faculty & Trainers

Prof. Shishir Chandra Bhaduri, Principal holds a Ph.D. Degree in Mechanical Engineering and he has thirty-seven years of professional experience.

Dr. Sheetal Kumar Jain, Assistant Professor-I holds a Ph.D. Degree in Mechanical Engineering and he has 2 years of professional experience.

Mr. Devendra Pathak, Trainer-I has his B. Tech in Mechanical Engineering and has over 3 years of experience.

Mr. Shyam Anand Chaturvedi, Trainer-I has his B. Tech. in Mechanical Engineering and has more than 4-year experience.

Md. Najmool Haque, Trainer-I has his B. Tech. in Mechanical Engineering and has more than 4-year experience.

Mrs. Nikita Singh, Trainer-II holds B. Tech. in Mechanical Engineering and has more than 2-year experience.

Mr. Hardik Sharma, Trainer-II holds B. Tech. in Mechanical Engineering and has more than 3-year experience.

School of Woodworking Skills

About the School

The School of Woodworking Skills (SWS) through its state of the art facility, Swiss based dual education model and industry recommended curriculum provides a world class training opportunity to the students. The students undergo training in semesters that alternate between university-based education and paid internships in the industry.

Programmes Offered

- B.Voc. in Woodworking Skills
- M.Voc in Woodworking Skills
- Ph.D.

Faculty & Trainers

Dr. (Cdr) Anil Rana, Ph.D. in Reliability Engineering from IIT Mumbai and M tech from IIT (Delhi) has over 30 years of experience in the Industry and Academics. He has published many papers and book chapters in International and National Journals including Springer publications.

Mr. Matthias Faeh, Project Manager, holds a Swiss Confederation authorized Certificate in Cabinet-Making with Federal Vocational Education and Training Diploma and Advanced Federal Diploma of Higher Education as a Job Attendant (HFP) in Switzerland. He has more than 15 years of professional experience with various national and international companies as a Carpenter in production and Skill-training.

Dr. Shitanshu Sapre, Assistant Professor, Ph.D. (Hydrogen Fuel Cell Vehicles) has over 6 years of academic experience and 1-year Industrial experience. He has published many research papers in peer-reviewed international journals and conferences.

Dr. Manish Kumar, Assistant Professor, Ph. D in Industrial Engineering has published many research papers in journals of National and International repute.

Mr. Harendar Singh, Trainer has his B. Tech in Mechanical Engineering. He has 5 years' experience in Sheet Metal Research, Furniture Designing and Prototyping.

Mr. Abhimanyu Kumar, Trainer-1, has his B. Tech in Mechanical Engineering. He holds an experience of more than 3 years in woodworking. His expertise includes production planning & Management, CNC, and machine maintenance.

Mr. Kumar Shanu, Trainer, has his B. Tech in Mechanical Engineering. He has an experience of more than 2 years in Woodworking. His expertise includes product design.

Mr. Hanuman Prasad Jat, Trainer, has his B.Voc degree in Woodworking Skills. He has displayed his excellently designed projects in various exhibitions across the country including Ahmedabad design week, Bangalore, India Wood Exhibition etc.

Mr Kamlesh Bagra , Trainer, has his B.Voc, in Woodworking Skills and has been a bronze medal recipient at the Skill Championship in 2018 at National level .

Mr Mohit Kalal, Trainer holds B.Voc. in Woodworking Skills from Bhartiya Skill Development University. He is a recipient of bronze medal at the Skill Championship in 2018 at National level.

Mr Vikash Kumar Naga, Trainer, B.Voc, Woodworking Skills, has been a gold medalist at the National Skill Championship in 2018 and represented India at the World skill championship held in Kazan Russia in 2019

ADMISSIONS

Admissions in the Schools during the year 2020 – 21

S. No.	Programme	Admissions
B.Voc		
1	Automotive Skills	22
2	IT/ Networking Skills	18
3	Machine Learning & AI Skills	03

4	Electrical Skills	03
5	Renewable Energy Technology Skills	10
6	Entrepreneurship Skills	03
7	Healthcare Skills	07
8	Hotel Management & Tourism Skills	02
9	Manufacturing Skills	21
10	Metal Construction Skills	03
11	Office Administration Skills	02
12	Refrigeration & Air Conditioning Skills	16
13	Woodworking Skills	21
M.Voc		
1	HVAC & R Skills	01

ACADEMIC CALENDAR (2020-21)

S. No	Activity	Date
SUMMER SEMESTER	Admission Process	18 May 2020 to 30 November 2020
	Start of Classes	17 August 2020 (Online classes of GE)
	Pre-Orientation for freshers	14 to 30 September 2020
	Hybrid mode of conducting classes	05 October 2020
	1 st In-Semester Examinations (III & V Sem B.Voc and III Sem M.Voc) & PhD	02 to 05 November 2020
	Diwali Break	08 to 15 November 2020
	1 st In-Semester Examinations (I Semester B. Voc and M. Voc)	21 to 24 December 2020
	2 nd In-Semester Examinations (III & V Sem B.Voc and III Sem M.Voc) & PhD	28 to 31 December 2020
	2 st In-Semester Examinations (I Semester B.Voc and M.Voc)	20 to 23 January 2021
	Last day of Instruction	12 February 2021
	End-Semester Examination	15 to 25 February 2021
	Last date of receipt of Awards Sheet from Schools at COE office	01 March 2021
	Declaration of Results	08 March 2021
	Make Up Examinations	10 to 12 March 2021
	Declaration of results of Make-up Examinations	15 March 2021
	Orientation for Industry Internship/Students Activities	08 to 12 March 2021
	Industry Internship	15 March 2021 to 21 August 2021
	Research Scholars End-Semester Exam	05 to 07 April 2021
	Research protocol & progress presentation	01 to 12 June 2021
	Contact Classes & Exams of GE, Industry Assessment & Declaration of Result	23 August 2021 to 04 September 2021
Start of next Academic year	06 September 2021	
WINTER	Admission Process	15 December 2020 to 06 March 2021
	Orientation Program	01 to 20 February 2021
	Last date for Payment of Tuition & Hostel Fees	20 February 2021
	Start of Classes	22 February 2021
	Holi Break	28 March 2021 to 04 April 2021

1 st In-semester Examinations	12 to 15 April 2021
2 nd In-semester Examinations	21 to 24 July 2021
Last day of Instruction	13 August 2021
End-semester Examinations	16 to 21 August 2021
Last date of receipt of Awards Sheet from Schools at COE office	25 August 2021
Declaration of Results	28 August 2021
Make-up Examinations	31 August to 02 September 2021
Result of Make-up Exams	04 September 2021
Orientation for Industry Internship	30 August to 4 September 2021
Industry Internship	06 September 2021 to 19 February 2022
Contact Classes & Exams of GE, Industry Assessment & Declaration of Result	21 February to 26 February 2022
Start of Academic Session 2021-22	28 February 2022

EXAMINATION SECTION

Result Summary (2020-21)

Academic Session	Batch	Programme	Specialization	Semester	No. of Students Appeared	No. of Students Passed	Pass Percentage
2019-20	Winter Semester	B. Voc.	Manufacturing Skills	1 st	2	0	0.00
				2 nd	28	28	100.00
				3 rd	6	5	83.33
				4 th	28	28	100.00
				5 th	1	1	100.00
				6 th	21	21	100.00
		B. Voc.	Electrical Skills	1 st	2	0	0.00
				2 nd	12	12	100.00
				3 rd	1	1	100.00
				4 th	11	11	100.00
				5 th	1	1	100.00
				6 th	3	3	100.00
		B. Voc.	Renewable Energy Technology Skills	1 st	6	6	100.00
				2 nd	23	23	100.00
				4 th	8	8	100.00
		M. Voc.	Smart Power Systems Skills	4 th	3	3	100.00
		B. Voc.	Woodworking Skills	2 nd	6	6	100.00
				4 th	16	16	100.00
				5 th	2	2	100.00
				6 th	6	6	100.00

	M. Voc.	Woodworking Skills	1 st	2	2	100.00
	B. Voc.	Automotive Skills	1 st	7	4	57.14
			2 nd	19	18	94.74
			3 rd	5	5	100.00
			4 th	11	11	100.00
			5 th	4	4	100.00
			6 th	7	7	100.00
	M. Voc.	Automotive Skills	1 st	2	2	100.00
			4 th	4	4	100.00
	B. Voc.	Healthcare Skills	2 nd	10	10	100.00
			4 th	11	11	100.00
	B. Voc.	IT/ Networking Skills	2 nd	8	8	100.00
			4 th	17	17	100.00
			5 th	1	1	100.00
			6 th	2	2	100.00
	B. Voc.	Machine Learning & AI Skills	2 nd	16	15	93.75
			4 th	14	14	100.00
	B. Voc.	Refrigeration and Air-Conditioning Skills	1 st	1	0	0.00
			2 nd	14	13	92.86
			3 rd	2	1	50.00
			4 th	11	10	90.91
	B. Voc.	Construction Skills	4 th	5	5	100.00
			6 th	2	2	100.00
	B. Voc.	Office Administration Skills	2 nd	3	3	100.00
			3 rd	1	1	100.00
			4 th	12	12	100.00
	B. Voc.	Entrepreneurship Skills	2 nd	7	7	100.00
			4 th	12	12	100.00
	M. Voc.	Entrepreneurship Skills	1 st	1	0	0.00
			2 nd	3	3	100.00
			4 th	1	1	100.00
	B. Voc.	Metal Construction Skills	2 nd	2	2	100.00
	B. Voc.	Hotel Management & Tourism Skills	2 nd	15	15	100.00
			1 st	18	13	72.22

		B. Voc.	Manufacturing Skills	2 nd	2	1	50.00		
				3 rd	27	21	77.78		
				4 th	6	6	100.00		
				5 th	27	23	85.19		
				6 th	1	1	100.00		
		B. Voc.	Electrical Skills	1 st	2	1	50.00		
				2 nd	2	1	50.00		
				3 rd	7	4	57.14		
				4 th	1	1	100.00		
				5 th	12	12	100.00		
				6 th	1	1	100.00		
		B. Voc.	Renewable Energy Technology Skills	1 st	10	8	80.00		
				2 nd	4	4	100.00		
				3 rd	23	14	60.87		
				5 th	8	8	100.00		
		B. Voc.	Woodworking Skills	1 st	23	15	65.22		
						3 rd	8	6	75.00
						5 th	14	11	78.57
						6 th	2	2	100.00
B. Voc.	Automotive Skills			1 st	22	15	68.18		
				2 nd	3	3	100.00		
				3 rd	17	14	82.35		
				4 th	5	5	100.00		
				5 th	11	10	90.91		
				6 th	4	4	100.00		
M. Voc.	Automotive Skills			2 nd	2	2	100.00		
				5 th	2	2	100.00		
B. Voc.	Healthcare Skills			1 st	8	8	100.00		
				4 th	6	5	83.33		
				6 th	8	8	100.00		
B. Voc.	IT/ Networking Skills			1 st	13	11	84.62		
				3 rd	10	9	90.00		
				4 th	1	1	100.00		
				5 th	17	13	76.47		
				6 th	1	1	100.00		
						1 st	3	3	100.00

B. Voc.	Machine Learning & AI Skills	3 rd	15	11	73.33
		5 th	14	12	85.71
B. Voc.	Refrigeration and Air-Conditioning Skills	1 st	13	6	46.15
		2 nd	1	1	100.00
		3 rd	10	4	40.00
		4 th	2	2	100.00
		5 th	11	10	90.91
M. Voc.	Refrigeration and Air-Conditioning Skills	1 st	1	1	100.00
B. Voc.	Construction Skills	5 th	5	5	100.00
		6 th	1	1	100.00
B. Voc.	Office Administration Skills	1 st	2	2	100.00
		3 rd	2	1	50.00
		4 th	1	1	100.00
		5 th	11	11	100.00
B. Voc.	Entrepreneurship Skills	1 st	3	3	100.00
		3 rd	5	3	60.00
		5 th	12	9	75.00
M. Voc.	Entrepreneurship Skills	3 rd	2	1	50.00
B. Voc.	Metal Construction Skills	1 st	3	3	100.00
		2 nd	1	0	0.00
		3 rd	2	1	50.00
B. Voc.	Hotel Management & Tourism Skills	1 st	2	2	100.00
		3 rd	13	13	100.00

a. Completion of Doctoral Thesis

It has been a historic moment for the BSDU Research and Development Cell that the first two scholars of the University completed their doctoral research and successfully defended their theses, becoming eligible for the award of Ph. D. degrees.

- Ms. Mahak Bhatia, School of General Education submitted her thesis on the topic- *Optimal Crop Allocation in Rajasthan Farming – Agriculture Skills Approach* under the supervision of Cdr. (Dr.) Anil Rana in the discipline of Mathematics. The expert, Prof. (Dr.) Suraj Rane, College of Engineering, Farmagudi, Ponda, Goa, conducted the viva-voce on 18 June 2021.
- Ms. Kritika Tekwani, School of Office Administration Skills pursued her research under the supervision of Cdr. (Dr.) Anil Rana and Dr. Rinku Raghuvanshi as Co-Supervisor

in the discipline of Management. Her research was titled as *Impact of Goods and Services Tax Implementation on Exporters of Handicrafts in Jaipur*. The expert Dr. C. J. Rajendra Prasad, Symbiosis Skills and Professional University, Pune, Maharashtra conducted the viva-voce on 19 June 2021.

b. Submission of the Doctoral Thesis

Two scholars- Ms. Shashi Sharma and Ms. Antima Sharma presented their Pre-Synopsis seminars successfully and submitted their theses for evaluation.

WEBINARS, WORKSHOPS & ACADEMIC EVENTS

Webinar on Communication Skills: Key to Personal and Professional Success

Dr. Sangeetha Noval, Associate Professor, School of General Education presented a webinar on *Communication Skills: Key to Personal and Professional Success* on 7 July 2020. A detailed discussion on the conduct of effective communication and its importance as life skills leading to success in personal and professional life was the main focus of the webinar.

Webinar on Developing Resilience: Skills You Need

Mr. Kastriot Komani, Project Manager. School of Health Care and Paramedics Skills presented a webinar on the topic *Developing Resilience: Skills You Need* on 14 July 2020. The concept of resilience and its importance were highlighted in the webinar. Certificates were distributed to the participants.

Virtual Workshops Series

The School of Electrical Skills organized a series of workshops for the students in the month of July 2020. The details of the events are as follows:

Title of the Workshop	Name of the Expert/s	Date
Smart Grid Skills for the Energy Workforce	Dr. Sujil A and Dr. Satyendra Singh	9 July, 2020
Power Transmission for the Energy Workforce	Dr. Sujil A and Dr. Satyendra Singh	9 July, 2020
Workshop on Virtual Lab Session on House Wiring	Ms. Falti Teotia and Mr. Pawan Kumar Choudhary	17 July, 2020
Workshop on Solar Photovoltaic Technology	Dr. Pancham Kumar, Dr. Ritu Tak, and Mr. Kuldeep Kumar	27 July, 2020

Workshop on Smart Manufacturing

On the occasion of the World *Youth Skills Day*, on 15 July 2020 a virtual workshop was organized on the topic - *Smart Manufacturing*. The trainers of the School of Manufacturing Skills, Mr Hemant Sharma and Mr Anirudh Singh Sandu presented their expert views on the *Scope of Manufacturing in India, Contribution of the School of Manufacturing Skills towards Smart Manufacturing in India* and on *Metallic Tape Holder Development Using CAD-CAM- CNC*. The workshop was attended by 50 participants

Skill Carnival 2020

A Skill Carnival was organised by the School of Entrepreneurship Skills from 15 - 21 July 2020 in which various serial events were conducted. The poster of the carnival was unveiled by the dignitaries of RSLDC on 10 July 2020 at BSDU.

On the occasion of *World Youth Skills Day* on 15 July 2020, a national level webinar was organised. The event was presided by the IAS officer- Neeraj K.Pawan, Chairman, RSLDC and Secretary, Department of Labour, Skill, Employment & Entrepreneurship. Dr. Achintya Choudhury, President, Bhartiya Skill Development University, Prof. Raj Nehru, Vice Chancellor, Haryana Vishwakarma Skill University, Dr. Lalit L. Panwar, Former Vice Chancellor, Rajasthan ILD Skill University, Jaipur and Dr. Mukta Arora, DGM, RSLDC, Jaipur were the panellists of the webinar.

Workshop on Skills Training for Lean Start-ups

The School of Entrepreneurship Skills organized a special skill workshop on *Skills Training for Lean Start-ups* on the occasion of *World Youth Skills Day*. by Dr. Rajdeep Deb, Dr. Anil Aggarwal and Dr. Mredu Goyal, the faculty of SES presented webinars to the budding entrepreneurs and students across the country on 16 July, 2020.

E-Quizzes on Vocal for Local: The Self Reliance Mantra

The School of Entrepreneurship Skills organized E-quizzes in association with Management & Entrepreneurship and Professional Skills Council (New Delhi), MSME-DI, and Government of India & Global Foundation for Skill Development and Entrepreneurship on *Vocal for Local: The Self Reliance Mantra* during the month of July and August 2020. Various students, faculty and budding entrepreneurs participated in them.

Webinar on Industry 4.0 Future Careers

Phillips Machine Tools India, a part of Phillips Corporation, USA presented a webinar on Industry 4.0 Future Careers on 11 September 2020 in the School of Manufacturing Skills. The invited speaker, Mr Prasad Prabhakar Auti, the Sales Executive demonstrated the details of the topics like Industry 4.0, Future Careers, Future Skills, Education 4.0 and Industry 4.0 Lab. 90 participants benefitted from this expert talk.

Webinar on Activities for Building Communicative Competence

Dr. Prerna Srivastava, Assistant Professor, School of General Education presented a webinar on the topic *Activities for Building Communicative Competence* on 29 September 2020. The webinar was conducted by the Training and Placement Cell of Government Polytechnic Gopalganj, Bihar.

Webinar on English: Language to Life Skills

Dr. Ajay Sharma, Assistant Professor, School of General Education, presented a webinar on the topic English: Language to Life Skills on 4 October 2020 conducted by the Training and Placement Cell of Government Polytechnic Gopalganj. Bihar.

First Aid Training for the School of Electrical Skills

A One-Day Training Program was organized on Basic First Aid and CPR by the School of Health Care and Paramedics Skills on 18 December 2020 to train the students of the School of Electrical Skills.

Invited Talk on Energy Swaraj Yatra

The School of Electrical Skills organized an Expert talk on Energy Swaraj Yatra on 22 February 2021. The renowned expert, Dr.Chetan Singh Solanki, Professor from IIT-Bombay shared his experiences and made the students and faculty aware of the objectives of the Energy Swaraj Yatra being run for the past 10 years in the different states of India.

A 4- Day Workshop for Students on Soft- Skills

Committed towards the holistic development of students, the School of General Education in coordination with the faculty from the various Schools conducted a four- day workshop on Soft- Skills training for all the students of BSDU. The workshop was conducted from 23 February – 26 February.2021, benefitting 400 students divided in 10 batches. The intensive training programme focused on the most crucial topics for students' personal and professional success viz. Importance of Soft Skills, Interview Skills, E-mail & Telephone Etiquette, How to Present Yourself Professionally, Time Management, Stress Management, Verbal & Non- Verbal Communication, How to be a Good Leader & Master the Art of GD, Presentation Skills, Public Speaking- (EQ & Role Play).

Career Development Program for JCB Employees

It is a matter of pride that the Industrial Relation Section organized an 18- month Career Development Program for the employees of the reputed concern of JCB. The training program was inaugurated virtually on 2 June 2021 in the presence of the delegates from both the organizations. Mr, Ajay K. Patil, Business Unit and Site Head, JCB Jaipur Plant and Prof. Achintya Choudhury, President, BSDU motivated the trainees to gain the maximum from the training programme.

Inauguration of the Mega Event - Skill Carnival @BSDU

It was a moment of pride for BSDU when the Hon'ble Chief Guest, Dr. Niraj Kumar Pawan (IAS)Chairman, RSLDC & Secretary Labour, Employment, Skill & Entrepreneurship, Factory & Boiler Inspection & Medical &Health Services (E.S.I) Department inaugurated the Skill Carnival scheduled from 21 June-15 July 2021. He declared the Skill Carnival open after his enlightening key- note address on Skill Development on 21 June 2021. Prof. Achintya Choudhary, President BSDU, in his inaugural address emphasized on the *Reimagining Youth Skills for Future of Work*. He stressed the importance of proper education, vocational training and lifelong learning which serve to be the source of employability and a way to contribute to society. He underscored the shift from the vicious cycle of low skills to virtuous circle of higher skills. Dr. Susheela Sharma, Registrar, released an E-Skill Quiz on the occasion for the participants. It was followed by a special address by Mr. Sourabh Mishra, CEMCA, who detailed the scheduled activities of the Carnival. The inaugural session of the Skill- Carnival came to an end with the vote of thanks proposed by Dr. Rajdeep Deb, Head Admissions & Principal & School of

ACTIVITIES OF INSTITUTION INNOVATION COUNCIL (IIC)

Under the banner of the *Institution Innovation Council*, BSDU, AICTE and MHRD Innovation Cell, various online activities and Expert Session Webinars were organized for the learning & value additions of the students, staff and the learning community across the world.

Capacity Building Programme on "Effective Online Teaching, Assessment, and Communication Skills"

The CBP, aimed at addressing the contemporary challenges faced by academia, was co-organized by Bhartiya Skill Development University, Jaipur and Commonwealth Educational Media Centre for Asia (CEMCA). It was an attempt to help fellow academicians to gather the requisite skills to be able to plan, design, and deliver their courses online. The 5-day program (in ten batches) was a skill enhancement course on some of the pertinent pedagogical and platform related topics. The grand e-Inauguration of Capacity Building Program on "Effective Online Teaching, Assessment, and Communication Skills", was celebrated on 10 May 2021. The e-Inauguration was graced by the Prof. Achintya Choudhary (President, BSDU), Prof. Madhu Parhar (Director, CEMCA) and Dr. Veena Kumar (Professor, University of Maryland Global Campus, USA and the Executive Director of the IUCEE international Educator Certification Program (IIEECP).

Date	Event/Topic	Expert/s
10-May	Inaugural Session of Effective Online Teaching, Assessment & Communication Skills	Jointly Organized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA), a regional unit of the Commonwealth of Learning.
11-May	CBP on Effective Online Teaching, Assessment & Communication Skills	Jointly Organized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA), a regional unit of the Commonwealth of Learning.
23-May	CBP on Effective Online Teaching, Assessment & Communication Skills	Jointly Organized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA)
30-May	CBP on Effective Online Teaching, Assessment & Communication Skills	Jointly Organized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA)
14-Jun	CBP on Effective Online Teaching, Assessment & Communication Skills	Jointly Organized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA)

Other major activities are chronologically presented below:

Date	Event/Topic	Expert/s
08-Jan	Expert Webinar	Mr. Navrajvir Singh, CEO, Raletta Technology
15-Jan	Leadership in Action and CEO speaker Series	Mr. Tarang Arora, CEO & Creative Director, Amrapali Jewels.
22-Jan	Leadership in Action : Fireside and Chat Series	Mr. Priyanshu Goyal, Country Head, Myanmar, Cambodia & Malaysia at Marico Ltd.
29-Jan	Leadership in Action: Expert Webinar Series	Mr. Shalabh Nepalia Zonal Head, AISECT.

05-Feb	Leadership in Action: Expert Webinar Series	Mr. Sumit Jasoria Managing Director, Meero India.
12-Feb	Leadership in Action: Expert Webinar Series	Mrs. Divya Jaggi, Chief People Officer, Promact Infotech Pvt Ltd.
19-Feb	Expert Webinar Series:	Ritwik Basu, PhD Associate Professor, School of Metal Construction Skills, BSDU Jaipur
19-Feb	Skill Workshop: Problem Solving with Open Source Tools	Dr. Chandra Prakash, NIT Delhi on Free and open-source software packages and hardware solutions.
21-Feb	Invited Talk Series: Energy Swaraj Essence of sustainability	Chetan Singh Solanki, Professor, IIT Bombay & Founder, Energy Swaraj Foundation.
26-Feb	Expert Webinar Series: Towards e-Mobility the Challenges Ahead	Mahipal Bhukya, M.E.(EE), IISc Bangalore, Manipal University Jaipur
26-Mar	Expert Webinar Series: Entrepreneurship as Career Choice	Dr. Rajib Roy, EDII Ahmedabad
17-Apr	Expert Webinar Series: 6 Proven steps to StepUP Career Development	Mr. Srinivas TR, PPE-HUB
24-Apr	Coping with Psycho-Social and Managerial Challenges of Covid-19 New Variant	Dr. Raman Sharma, Sr. Professor, Medicines, SMS Medical College Dr. Lokendra Sharma, Sr. Professor of Pharmacology, SMS Medical College Mr. Kastriot Komani, Project Manager, School of Healthcare Skills, BSDU Jaipur Dr. Dhruva Sharma, Asst. Professor, Cardiovascular and Thoracic Surgery, SMS Medical College
30-Apr	Redefining the Role of HR in the next phase of COVID-19	Mr. Sameer Nagarajan- Global President, Human Resources, Cadila Pharmaceuticals. Dr. Neil Sequeria, Vice President, HR & Admin, Kokilaben Ambani Hospital, Mumbai, Maharashtra. Mr. Aditya Rao, General Manager, People & Leadership, Siemens Healthineers Mr. Ashish Gakrey, Founder & CEO, HR Shapers.
07-May	International Conclave on Combating the COVID Challenge & Contribution Towards Relief	Dr. Vimal Kumar Sharma, Professor of Global Mental Health Research, University of Manchester Dr. Anil Sharma, Asst. Clinical Professor, UCLA School of Medicine, Deptt. of Psychiatry, Los Angeles, California, USA Dr. Kusum Gaur Sr. Professor, PSM SMS Medical College, Jaipur Dr. Lokendra Sharma, Sr. Professor of Pharmacology, SMS Medical College, Jaipur Mr. Kastriot Komani, Project Manager, School of Healthcare Skills, BSDU Jaipur
15-May	Expert Webinar: Managing Stress & Burnout in Crises	Mr. Naveen Jain, IAS Secretary, Food Civil Supplies & Consumer Affairs, Planning & Statistics Deptt., Govt. Of Rajasthan; Eminent Author & Leading Motivational Speaker. Dr. Nitin Saraswat, International Mind Trainer, Motivator, Counsellor, Corporate Coach & Parenting Expert.

17-May	Skill Workshop on Blockchain: Introduction For Developers	Jointly Organized by the School of Computing, BSDU Jaipur, and the Commonwealth Education Media Center for Asia (CEMCA)
21-May	Fireside Chats on Leading a Peak Performance Culture	Payal Nanjiani, Indian- American CEO
22-May	Panel Discussion on Youth empowerment for a better Health and Human Performance	Gunjan Taneja, Digital Creator, Social Media Influencer & Renowned Fitness Enthusiast Him-eesh Madaan, Leading Motivational Speaker, Career Strategist & Founder, Seekhega India. Mr. Anurag Rishi, Leading Transformational Speaker & Human Potential Trainer Dr. Shikha Sharma Rishi, Renowned Relationship & Personal Growth Mentor & Co-Founder at Progressive Planner
29-May	Expert Webinar on Personality Development Program	Shikhar Prajapati, Motivational Speaker, and Corporate Trainer.
04-Jun	Expert Webinar on Innovative use of Technology in Education	App Guru Imran Khan, National Awardee Teacher.
11-Jun	CXO Series on Perils of Social Media and Data Protection	Colonel Inderjeet Singh, Chief Cyber Security Officer, Vara Technology Pvt Ltd
18-Jun	Expert Webinar on AI for Robotics, IoT and Data Science	Mudit Thakkar, President, Answer Foundation, Director Partnerships, Scool and Mentor, Edo Square
20-Jun	Inauguration of BSDU Skill Carnival 2021	Jointly Organized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA)
24-Jun	Skill Workshop on WoW The World with Your Speaking Skills	
26-Jun	Expert Webinar on Appreciative Inquiry for Self Worth & Growth	Mr. Purandar Sengupta, Certified Master Trainer (NIESBUD) & Design Thinking Practitioner (IBM).
27-Jun	Try A Skill: Makeup Tips to Ace the Everyday Look	Ms. Payal Verma, Professional Makeup Artist and Founder of Kosemtica Academy
29-Jun	International HR Conclave on Redefining the Role of Skills & HR in post-COVID World	Jose Varghese, Director HR & Learning, Accuro Specialist Services, Dubai UAE. Abimbola Awudu, Head HR, Meristem, Lagos Nigeria. Swati Dixit, Group HR Manager, Coforge Tech, Victoria Australia. Abhishek Mathur, CPO, VNG Corporation, Vietnam. Vikram Anand, Head of HR, Cluster Lead (MY/IDN/PH) /Regional HRBP - East Asia, British Council, Kuala Lumpur, Malaysia. Tushar Kad, Director HR, Simeio Solutions, Atlanta GA, USA. Ashish Gakrey, Founder, HR Shapers, India.
30-Jun	Skill Workshop on WoW The World with Your Speaking Skills	

RESEARCH & DEVELOPMENT ACTIVITIES

Papers Presented in Conferences/ Seminars/Symposia

Presenters	Title of the Paper	Venue & Date
Manisha Sheoran	Life Cycle Environmental Impact Assessment of Crystalline Silicon Solar Panel	International online conference on <i>Emerging Trends in Multidisciplinary Research</i> on July 23-25, 2020 at Poornima University, Jaipur.
	Cost Benefit Modelling of 160 KW Grid Tied Solar Photovoltaic Plant at BSDU, Jaipur (Best Paper ward)	National conference on Recent Advancements in Physical Sciences on December 19-20, 2020 (through online mode) at National Institute of Technology, Uttarakhand.
	Photovoltaic Waste Assessment in India and its Environmental Impact.	National Conference on Recent Advancements in Physical Sciences on December 19-20, 2020 (through online mode) at National Institute of Technology, Uttarakhand.
Sumit Kashyap, Krishan Sharma and Dr. Ankur Sagar	Effect of Infill Density on Surface Quality of ABS Material in FDM Technology.	World Congress on Pollution Control, Jodhpur on July 25, 2020.
Dr. Rajdeep Deb and Dr. Shekhar Kapoor	Digital Technologies for Marketing Innovation at Higher Education Institutes	TSB Online Conference at TAPMI School of Business, Manipal University, Jaipur organized on August 27-28, 2020.
Pushpa Koranga and Dr. Soma Kumawat	A Review on Comparison of Different Techniques of Image Dehazing	5 th IEEE International Conference of Recent Advances and Innovations in Engineering (IEEE-ICRAIE-2020) organized by Poornima College of Engineering and IEEE Delhi Section, Jaipur on December 01-03, 2020.
Mahipal Bukya, Pancham Kumar and Rajesh Kumar	On Grid Solar Photovoltaic Power Plant Analysis under PVsyst simulation Software Platform	Conference on Flexible Electronics for Electric Vehicles (FlexEV-2021), Manipal University Jaipur, March 18-19, 2021
Manisha Sheoran, Pancham Kumar , Susheela Sharma	Cost Benefit Analysis of 160 KW Grid Integrated Solar Photovoltaic Power Plant	Conference on Flexible Electronics for Electric Vehicles (FlexEV-2021), Manipal University Jaipur, March 18-19, 2021.

Papers/Chapters/Books Published

Author	Title of the Paper/Book/Chapter	Publisher/ Journal, Year, ISSN/ISBN
Manisha Sheoran, Dr. Susheela	Life Cycle Reassessment Strategy for Existing Bulk and Thin-Film Photovoltaic Materials in Indian Context.	Lecture Notes in Electrical Engineering, Springer Singapore Series, Volume 661, July 2020, DOI 10.1007/978-981-15-4692-1.

Sharma, and P. Kumar	Life Cycle Environmental Impact Assessment of Crystalline Silicon Solar Cell.	Test Engineering and Management, July – August 2020 ISSN: 0193-4120.
Dr. M. S. Shekhawat , H. S. Mali and A. P. S. Rathore	Micro-Feature Fabrication on External Cylindrical Surface by Centreless Electric Discharge Grinding.	Advances in Material Processing, Lecture Notes in Mechanical Engineering pp 291-300, https://doi.org/10.1007/978-981-154748-5_28 , published by Springer, Singapore.
	Experimental Investigation on Centreless Electro Discharge Texturing of Thin Walled Inconel-600 Tubes.	International Journal of Manufacturing, Materials, and Mechanical Engineering Vol. 10, Issue 3, July- September 2020.
	Development of Centreless Electric Discharge Grinding Machining Process and Optimization of Process Parameters.	Recent Patents on Engineering DOI: https://doi.org/10.2174/1872212114999200423113816 .
Pranav Singhal and Onkar Mal Bunker	Effect of Overhanging of Tool, Cutting Speed and Feed Rate on Surface Roughness of SW17 Hexagon Produced on CNC Turning Machine with C-Axis.	International Journal of Advance Research and Innovation, Volume 8 Issue 4 (2020) 292-296, ISSN 2347-3258.
Anirudh Singh Sandu and Pradeep Sharma	Implementation of DMAIC Methodology of Six Sigma in Vocational Education and Training for Quality Improvement.	International Journal of Advance Research and Innovation, Volume 8 Issue 4 (2020) 292-296, ISSN 2347-3258.
Munendra Koli	Education System Post Covid-19 In India: case study	International Journal of Advance Research and Innovation, Volume 8 Issue 4 (2020) 302-305, ISSN 2347-3258.
Rajeev Sharma, Dr. Binit Kumar Jha and Dr. Vipin Pahuja	A Critical Review on Machining of Titanium and its Alloy under Cryogenic Cooling Environment.	IOP Conference Series: Materials Science and Engineering 998012013.
	Optimization Techniques for Response Predication in Metal Cutting Operation.	International Conference on Industrial and Manufacturing Systems at NIT, Jalandhar. (Springer Lecture Notes).
Dr. Ravi Kumar Goyal and Dr. Mredu Goyal	Integrated Risk of Virus Outbreaks	Integrated Risk of Pandemic: Covid-19 Impacts, Resilience and Recommendations. Disaster Resilience and Green Growth. Springer, Singapore, November 2020.
Vishal Varma, Vishal and Dr. Ravi Kumar Goyal	Analytical Study of Corporate Social Responsibility and Rural Entrepreneurship.	International Journal of Advanced Research in Engineering and Technology (IJARET), December 2020, Volume 11, Issue 12, pp.628-637
Anurag Joshi, A K Saraf, and Dr. Ravi Kumar Goyal	EDM Machining of Die Steel EN8 and Testing of Surface Roughness with Varying Parameters.	Materials Today Proceedings, Vol. 28, Part 4, (2020), pp. 2557-2560. (Science Direct Publication).

Dr. Shekhar Kapoor & Dr. Ravi Kumar Goyal	Microbial Biotransformation of Chemical Compounds to Obtain Commercially Useful Drugs-An Industrial Management Basis.	International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020. e-ISSN: 2319-8753; p-ISSN: 2320-6710.
Dr. Ruchi Sharma, Dr. Shekhar Kapoor and Dr. Ravi Kr. Goyal	The Journey of Milk from Animal (Usually Cow and Cattle) Udder to Market to Homes the Part of a Dairy Entrepreneurship Scheme.	International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7
Dr. Ruchi Sharma, Dr. Shekhar Kapoor and Vinod Kumar	Municipal Solid Waste Utilization and their Entrepreneurship Basis of Obtaining Funds.	International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7
Somiya Lodwal , Sonika Kashyap and Dr. Shekhar Kapoor	Sanitary Landfills and their Various Utilities as Composting for Entrepreneurship for Better Economical Trend.	International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020
Dr. Rajdeep Deb and Dr. Shekhar Kapoor	The Varied Traits Found among Entrepreneurs and the Management Structure of Fashion Industry in India.	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 8, Issue 9, September-2020
Dr. Shekhar Kapoor	Management and Development of Covid-19 Vaccine by Healthcare Experts.	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 9, Issue 11, November 2020.
	Utilization of X-Ray in Beauty, Art and Architectural Entrepreneurship	International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020
Dr. Shekhar Kapoor, Sharad Singhm and Gagandeep Kaur	Management of Women Skill Development by Different Schemes/Yojnas by the Prime Minister Narendra Modi.	International Journal of Multidisciplinary Research in Science Engineering & Technology (IJMRSET) ISSN: 2582-7219; Volume 3, Issue 11, November 2020.
Prabhat Ranjan, Dr. Pancham Kumar, Tanmoy Chakraborty	Theoretical Analysis of CuTiS ₂ and CuTiSe ₂ Invoking Density Functional Theory-Based Descriptors.	Mathematics Applied to Engineering in Action (Taylor & Francis), 2020. ISBN: 9781003055174, 2020.
Dr. Satyendra Singh and Manoj Fozdar	Supplier's Strategic Bidding for Profit Maximization with Solar Power in a Day-Ahead Market.	Advances in Machine Learning and Computational Intelligence. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-15-5243-4_74 , 26 July 2020,
Dr. Shitanshu Sapre	Impact of Refueling Parameters on Storage Density of Compressed Hydrogen Storage Tank.	International Journal of Hydrogen Energy, ISSN 0360-3199, September 2020. https://doi.org/10.1016/j.ijhydene.2020.08 .

Pancham Kumar and Mahipal Bukya,	Fuzzy Logic Controlled Harmonic Reduction Technique	Lambert Academic Publishing, Europe, May 2021, ISBN: 978-620-3-85368-1.
Pancham Kumar, Amit Soni and Jagrati Sahariya	High Efficient Optoelectronic Modeling Tool for Novel Solar Photovoltaic Materials	Kindle Edition (e-book), May 2021, ASIN No.: B094WCK92D
Satyendra Singh, Manoj Fozdar, Abdulaziz Almutairi, Saeed Alyami, and Hasmat Malik	Strategic bidding in the presence of renewable sources for optimizing the profit of the power suppliers.	IEEE Access, vol. 9, pp. 70221-70232, 2021, Electronic ISSN: 2169-3536, doi: 10.1109/ACCESS.2021.3078288 (SCI)
Satyendra Singh, Manoj Fozdar, Hasmat Malik, M. Valle Fernandez, and Fausto Pedro Gracia Marquenz	Influence of wind power on modeling of bidding strategy in a promising power market with a modified gravitational search algorithm.	Applied Sciences, 11, no. 10:4438, ISSN 2076-3417, 2021, https://doi.org/10.3390/app11104438 (SCI)
Shitanshu Sapre	Single Point Diagnosis of Short Circuit Abuse Condition in Lithium-ion Battery through Impedance Data	International Journal of Energy Research, May 2021, 1099-114.
Rakesh Choudhary, Md Faisal Md Basir, Muhammad Bilal and Kottakkaran S. Nisar	Numerical and sensitivity analysis of MHD bioconvective slip flow of nanomaterial with binary chemical reaction and Newtonian heating	Heat Transfer (Wiley) (Scopus, ESCI, WoS, Q2), 2021, 03, https://doi.org/10.1002/htj.22132
Rakesh Choudhary, Amit Parmar and Krishna Agarwal	Zero Mass Flux Dependent on Radiative Magnetohydrodynamics Carreau Nanofluid Over a Radially Surface with Temperature Jump and Slip Flow: A Hybrid Nanofluid Analysis	Journal of Nanofluids, ESCI, Scopus, Q2, 2021,10 (1), 118-127
Rakesh Choudhary and Shalini Jain	Temperature jump and concentration slip effects on bioconvection past a vertical porous plate in the existence of nanoparticles and gyrotactic microorganism with inclined MHD	Advances in Nano Research (Scopus, ESCI, SCIE, WoS, Q1), 2021, 11(1), 27-36
Rakesh Choudhary, Amit Parmar and Krishna Agarwal	MHD Williamson Fluid Comprising Gyrotactic Microorganisms Flows Through a Permeable Stretching Layer with Variable Fluid Properties	Journal of Nanofluids, ESCI, Scopus, Q2, 2020(9), 375–387
Rakesh Choudhary, Kohilavani Naganthran and Roslinda Nazar	Concentration Flux Dependent on Radiative MHD Casson Flow with Arrhenius Activation Energy: HAM with an Evolutionary Algorithm	International Journal of Heat and Technology (Scopus, ESCI, WoS, Q2), 2020, 38(4), 785-793

REPORT ON CO-CURRICULAR ACTIVITIES

Cake Mixing Ceremony

The School of Hospitality & Management celebrated the ceremony on 19 December 2020 in which the Vice Chancellor, Registrar, Principals and many Heads of BSDU graced the occasion with their presence. The ritual known as the cake stirring ceremony is the part of an age-old Christmas tradition of cake mixing which is the symbol of the arrival of harvest season in Europe when lots of fresh fruits, nuts, spices and candied fruits are harvested and used in the making of the traditional plum cake. The ingredients of the festive fruit cake are mixed in advance for up to one month so that they can develop aroma and taste and be ready for baking Christmas cakes.

Student-Project Exhibition of Woodworking

To offer an opportunity to the students to experience the nuances of a production process and their critical link to the economics of cost and time parameters, a project work was assigned to the students and it was displayed in the form of an exhibition on 23 December 2020 at the lawns of BSDU.

In this project, each student from 5th Semester of the School of Woodworking Skills was given a task of conceptualising an idea along with time and cost estimate at the beginning of the semester. Each such project was then vetted by a team comprising staff from SWS for its worthiness in terms of complexity, time and cost resource and their availability. The result of the hard work put in by the students manifested in a product form was displayed in the exhibition. The exhibits attracted tremendous appreciation from the staff and students of the University.

Students' visit to the 132KV Substation

As a part of industrial tours and training programmes for students, the School of Electrical Skills organized a visit of students to the 132KV substation at Champapura, Jaipur on 22 January 2021. In this industrial visit, the students of 3rd and 5th semesters experienced and explored the industrial ambience. The trip rendered them an understanding of the practical perspective of working in real situations.

A Gesture of Charity @ BSDU: Distribution of Clothes to the Underprivileged

Handsome is that handsome does! Bhartiya Skill Development University, sensitive to its responsibility towards community welfare, organized a charitable event in which clothes were donated to the needy at Bagru Kachchi Basti on 10 February 2021. More than 60 people including children and the elderly benefitted from this humane deed carried out under the mentorship of the President Prof. Achintya Choudhury and Registrar Dr. Susheela Sharma. It was a collective contribution of all Principals, faculty, staff members, research scholars and students of the University which brought smiles on the faces of the underprivileged.

Sports- Week 2021 @ BSDU

All work and no play makes Jack a dull boy! Considering the interest of students and to inculcate sportsmanship, BSDU organized the *2nd Annual Sports Championship* for the students of the University, extending from 26 February to 6 March 2021. A Sports

Council comprising Mr. A.K Singh, Dr. C.P. Sharma and Dr. B. K Jha was constituted to plan, organize and execute the various indoor and outdoor sports competitions. The new campus as well as the existing campus were used as venues for different activities suiting the requirement of the category of the event.

The Sports - Meet was opened in the presence of the President, the Registrar, all the faculty, trainers and students of the University. The opening Badminton match was played between Dr. Mushtaq Ahmed, Principal, School of Hospitality and Tourism & Office Administration and Mr. Jitendra Mathur, Chief Trainer, School of IT & Networking, in which Dr. Mushtaque was declared the winner of the match.

Various competitions were held, in which the students and faculty exhibited their enthusiastic and zealous participation. The closing ceremony was conducted on the sprawling grounds of the Old Campus in the presence of Mr. Jayant Joshi, the Chairman Trustee RUJCT, Mr Abhishek Joshi- Director, RUFIL, the patron of the event, President, BSDU, Registrar, BSDU, Principals of all the Schools, Faculty, Trainers and Students.

The closing Volley- Ball match was played between the teams *Jaguars* and *Cheetas* and the team Cheetas were declared winners of the match. The team Jaguars were the over- all winners who bagged the glorious trophy of the Sports Championship. The ceremony ended with prize distribution and vote of thanks.

The following were the winners and runners of the sports events:

BSDU Annual Sports Championship			
List of Winners/ Runner Ups			
100m Race			
100m Girls		100m Boys	
1	Roshan	1	Sanskar Khandelwal
2	Priya Rajput	2	Dharamchand Jat
100m Staff Male			
1	Iqraj Nabi		
2	Gori Shankar Soni		
200m Race			
200m Girls		200m Boys	
1	Priya Rajput	1	Sanskar Khandelwal
2	Roshan	2	Rahul Soran
400m Race			
400m Girls		400m Boys	
1	Priya Rajput	1	Dharamchand Jat
2	Sonu Swami	2	Omprakash Rajpurohit
400m Staff Male			
1	Gajendra Singh Rathore		
2	Hemraj Jat		
1500m Race			
1500m Girls		1500m Boys	
1	Priya Rajput	1	Dharamchand Jat
2	Rajni Gupta	2	Omprakash Rajpurohit
1500m Staff Male			
1	Gajendra Singh Rathore		
2	Umesh Prajapat		
Long Jump			
Long Jump Girls		Long Jump Boys	

1	Priya Rajput	1	Sanskar Khandelwal
2	Sonu Swami	2	Mahendra Prajapat
Long Jump Staff Female		Long Jump Staff Male	
1	Surbhi Pareek	1	Gajendra Singh Rathore
2	Mona Joshi	2	Hemraj Jat
Triple Jump			
Triple Jump Boys		Triple Jump Staff Male	
1	Sanskar Khandelwal	1	Gajendra Singh Rathore
2	Mahendra Prajapat	2	Umesh Prajapat
Shot put			
Shot put Girls		Shot put Boys	
1	Sonu Swami	1	Abhishek Kumar
2	Priya Rajput	2	Abhishek Verma
Shot put Staff Male			
1	Gajendra Singh Rathore		
2	Iqraj Nabi		
Discus Throw			
Discus Throw Girls		Discus Throw Boys	
1	Priya Rajput	1	Omprakash Rajpurohit
2	Rajni Gupta	2	Rahul Soran
Discus Throw Staff Male			
1	Gajendra Singh Rathore		
2	Gori Shankar Soni		
Javelin Throw			
Javelin Throw Girls		Javelin Throw Boys	
1	Monu Swami	1	Anil Choudhary
2	Priya Prajapat	2	Mahendra Prajapat
Javelin Throw Staff Male			
1	Yatendra Singh Hada		
2	Iqraj Nabi		
Chess			
Chess Girls		Chess Boys	
1	Rajni Gupta	1	Dushyant Khichi
2	Chanchal Sain	2	Aman Thakur
Chess Staff Male			
1	Pawan Choudhary		
2	Shubham Rathor		
Table Tennis			
TT Girls		TT Boys	
1	Sapna Saini	1	Deepak Sangwan
2	Riya Sharma	2	Dushyant Khichi
TT Staff Female		TT Staff male	
1	Sumitra Singar	1	Mushtaq Ahmed
2	Nikita Singh	2	Jitendra Mathur
Badminton			
Badminton Girls		Badminton Boys	
1	Akansha Priya Darshni	1	Aashish Sharma
2	Sapna Saini	2	Vishal Singh
Badminton Staff Female		Badminton Staff Male	
1	Sumitra Singar	1	Pradeep Chouhan
2	Deepmala Singh	2	Tanuj Narula
Basketball			
Runner Up (Jaguars)		Winner (Tigers)	

1	Abhishek Verma (Cpt.)	1	Pranjal Maheshwari (Cpt.)
2	Ashish Sharma	2	Gori Shankar Soni
3	Anurag Shekhawat	3	Iqraj Nabi
4	Sunil Khandal	4	Sumit Gour
5	Akash Mundotiya	5	Pawan Choudhary
6	Lakhan Sharma	6	Shyam Anand Chaturvedi
7	Sumit Sharma	7	Amar Singh Shekhawat
8	Abhijeet Pareek	8	Gajendra Singh Rathore
9	Tushar Mandal	9	Rajesh Saini
Cricket			
Runner Up (Tigers)		Winner (Jaguars)	
1	Pradeep Singh Chouhan	1	Anil Choudhary (Cpt.)
2	Bhagirath Choudhary	2	Vikram Choudhary
3	Pranav Singhal	3	Saurabh Saini
4	Abhimanyu Kumar	4	Dharmchand Jat
5	Krishan Sharma	5	Dinesh Mundotiya
6	Gajendra Singh Rathore	6	Akash Mundotiya
7	Iqraj Nabi (Cpt.)	7	Rahul Soran
8	Pranjal Maheshwari	8	Lakhan Sharma
9	Gori Shankar Soni	9	Ashish Sharma
10	Satyendra Singh	10	Abhishek Verma
11	Sheetal Jain	11	Sanskar Khandelwal
12	Shitanshu Sapre	12	Deepak Sanchoriya
13	Hanuman Jat	13	Sahil Fogat
14	Mukesh Kumar Sharma	14	Hemraj Kumawat
15	Bhagwan Sahai Bunkar	15	Anurag Shekhawat
Volleyball			
Runner Up (Jaguars)		Winner (Cheetah)	
1	Anil Choudhary	1	Deepak Sangwan (Cpt.)
2	Tarun Ranwa (Cpt.)	2	Sunil Naga
3	Rahul Soran	3	Yash Choudhary
4	Sahil Fogat	4	Himanshu Jangid
5	Sanskar Khandelwal	5	Kishan Kumar Sharma
6	Prakash Kumar Jat	6	Parduman
7	Ishwar Shekhawat	7	Premchand
8	Dharamchand Jat	8	Hindu
9	Abhishek Verma	9	Vishal Gautam
10	Lakhan Sharma		
OVERALL CHAMPIONS – JAGUARS			

Women's Day Celebrations

As a mark of respect towards women, this year too BSDU celebrated the International Women's Day with pomp and grandeur on 8 March 2021. All the female employees of the University, including the Swiss employees, trainers, students and the house keeping staff attended the programme. Dr. Susheela Sharma, Registrar BSDU was the chief guest of the programme. The President Prof. Achintya Choudhury on the occasion encouraged all the females to follow the path of independence and insisted to follow the theme of the International Women's Day 2021– Choose to Challenge as Challenges Bring the Desired Change. Dr. Susheela Sharma, Ms. Marrietta Nuessli, Dr. Sangeetha Noval, Dr. Ritu Tak including many others expressed their thoughts on woman empowerment and liberation

from the stereotype roles of the females. All the faculty, students and the house keeping staff showcased their talents such as poetry recitation, singing, dancing, etc. in the programme. The celebration came to an end with refreshments.

Poetry Writing Competition

The School of General Education organized a Poetry Writing Competition for all the students of the University under the aegis of the National Mega Fest of *Bharat ki Azadi ka Amrit Mahotsava*. The idea behind this *Mahotsava* scheduled to be celebrated from 12 March 2021 to 15 August 2023 is to create a vision for India@ 2047. The competition was organized both in Hindi and English languages on the theme of patriotism. The School received a good number of entries from the students of various semesters and after a scrutiny, the jury selected the winning entries.

List of Winners

Category : Hindi		
Awards	Name of the Contestant	School/Semester
First Prize	Shubhanshu Kumar	School of Manufacturing Skills/ B.Voc. I
Second Prize	Saurabh	School of Health Care & Paramedics/B.Voc. IV
Third Prize	Seema Nitharwal	School of Health Care & Paramedics/B.Voc. III
Category : English		
Awards	Name of the Contestant	School/Semester
First Prize	Deepak Sangwan	School of Automotive Skills/ B.Voc. V
Second Prize	Sohail Khan	School of Automotive Skills/B.Voc. I
Third Prize	D. R. Vaibhav	School of IT/Networking/B.Voc. I

Intra-School Activities for Students

The School of Electrical Skills organized various intra-school activities for students from 15 May 2021 to 04 June 2021. The students registered an enthusiastic participation in the contests on Motivational Speech, Photography, Quiz Contest etc. The activities were coordinated by the trainers of the School.

Skill-Selection in Kitchen Star Session

Jugal Kishor Khatri, a student pursuing B. Voc. 4th Sem. in the School of Hospitality & Tourism Skills was selected for a Live Recipe Show on Amul's Facebook page on 18 May 2021. He also had the privilege of participating in reputed cookery shows and competitions organized by the famous Fabina Group & Cookery Show by Galaxy Rice.

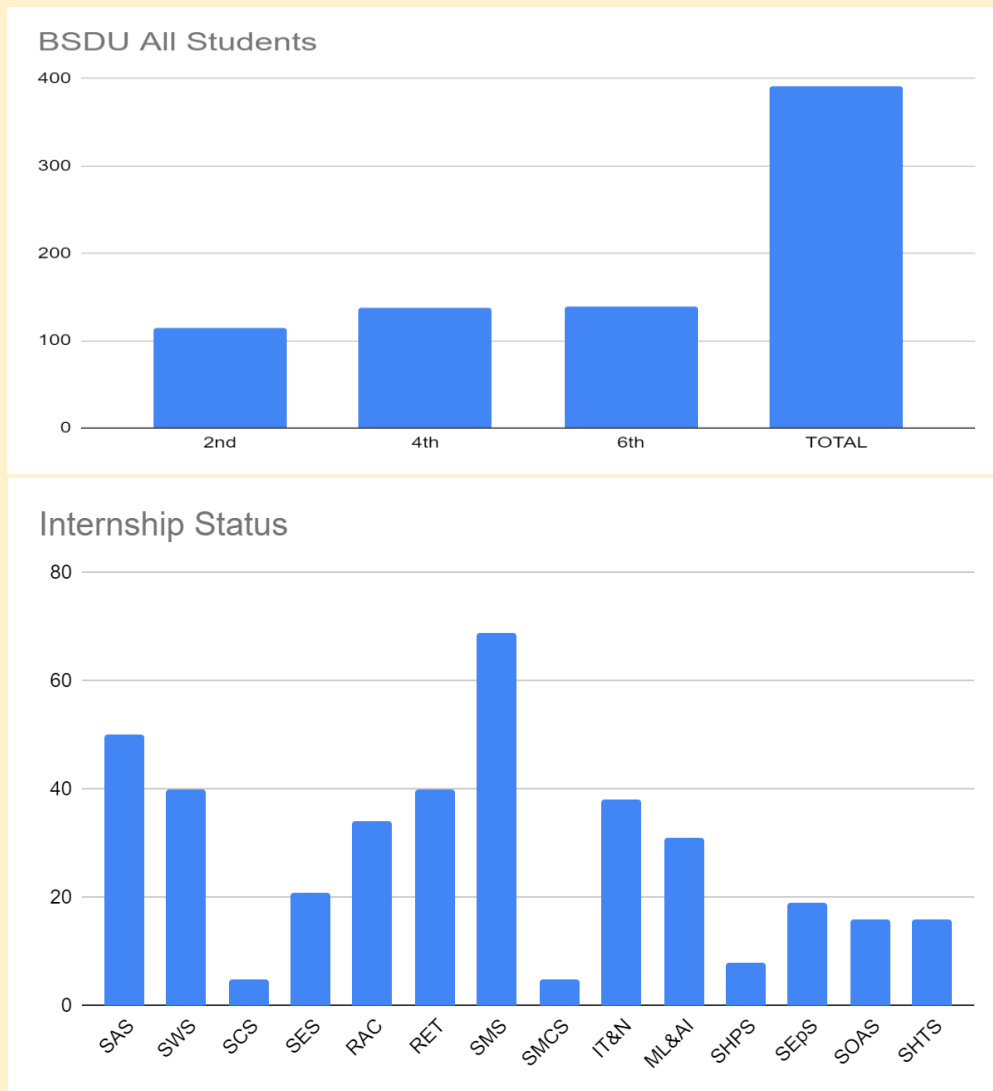
TRAINING AND PLACEMENT CELL

The Training & Placement Cell has been instrumental in signing MoU's with various industries, conducting the recruitment drives of the companies and organizing pre-placement training/workshops/seminars for the students which are related to personality development, communication skills, resume preparation, group discussion, personal interviews, email writing, aptitude training, practice tests and many more such activities which are helpful for a student to secure a good job in the recruitment drives being conducted by the companies, both in the online of offline mode.

The Training & Placement Cell of the University had organized internship & placement drives for the selection of students in various companies before the imposed lockdown and successfully placed all the students for internships in various organizations like Fleeca,, Mahindra & Mahindra Ltd, Narsi Interior Infrastructure Pvt. Ltd., Zorin Interior Pvt. Ltd., RUJ Woodcraft, RS India, Daikin, Y2K Engineers, HMT Ltd., JCB Ltd., Vara Technology Pvt. Ltd., to name a few. The T&P Cell signed an MoU with the Rojgar Mantra Dot Com Pvt. Ltd., Bhopal on 17th Feb. 2021. The restructured T&P Cell comprises following members:

Dr. BK Jha : Director, Industrial Relations, BSDU	Dr. Shekhar Kapoor: Training & Placement Officer
Mr. Krishan Sharma: Placement Coordinator, SAS	Mr. Harendar Singh: Placement Coordinator, SWS
Mr. Iqraj Nabi: Placement Coordinator, SCS	Mr. Pawan Kr. Choudhary: Placement Coordinator, SES
Mr. Navjot Singh: Placement Coordinator, R.E.T	Dr. Sheetal Jain: Placement Coordinator, RAC
Mr. Anirudh Singh: Placement Coordinator, SMS	Mr. Bhagwan S. Bunkar: Placement Coordinator, SMCS
Dr. Mredu Goyal, Placement Coordinator, S.Ep.S	Mr. OP Shrimal, Placement Coordinator, SHPS
Mr. RB Agarwal: Placement Coordinator, SOAS	Mr. Vinay Kr. Verma, Placement Coordinator, SHTS
Mr. Jitendra Mathur: Placement Coordinator, School of Computing Skills	

The T&P Cell achieved the landmark of 100% internship for all students of BSDU. All the 391 students of the second, fourth and the sixth semesters, were successfully placed for internships in different organizations which includes 115 students of the current second semester, 137 students of the current fourth semester and 139 students of the current sixth semester represented in the graphical format as follows:



BSDU All Students Internship Status & School-Wise Internship Status

Out of the total 149 students of the final semester B.Voc programme, 135 students were placed in various companies with the support of the industrial partners like RS India, Fleeca, Aha 3D, RUJ Woodcraft, Maruti, Honda, HMT, JCB, Perto India, Zorin Interiors, Genus Innovation, Penta Solarex, DoozyDoz Home Care, Perto India, ICICI, Metacube Softwares, Daiz Solar Pvt. Ltd., Takshila Constructions, Macayla Pvt. Ltd., Green Power Solutions Pvt. Ltd., Authentic Instruments Industries Ltd. & others.

For the winter semester, out of 47 students, 44 were placed for the internships with the coordination of the T&P Cell and various recruiters.

KNOWLEDGE RESOURCE CENTRE

The Library caters to the information needs of the students, faculty, staff and research scholars. It occupies a place of pride in University and is an essential component of the Institute's outstanding research and education mission. It has a vast repository of both print and electronic resources that include books, print journals, magazines, newspapers, and e-databases that can be used as references by both students and faculty. The Library is also an institutional member of Developing Library Network (DELNET) and National Digital Library of India (NDLI) for sharing the resources among its member libraries.

It is fully automated with KOHA integrated Library Management Software and has utilized Information Technology extensively to ensure that resources are accessible at any time on 192.168.1.20:8080.

The Digital Library provides a conducive environment for intellectual inquiry by providing user-focused services to obtain and evaluate scholarly information and knowledge on 192.168.1.190:8080/jspui. It is connected to high speed internet and intranet of network. All activities of Library are computerized, including smart ID cards and On-line Public Access Catalogue (OPAC) to know the status of books at any time/anywhere within campus on 192.168.1.20. The Library provides various specialized services to the users, i.e., CAS, News Alert, Reference, Digital Archiving, OPAC etc.

Details of the Books

Name of the School	Total Number of Titles	Total Number of Volumes
School of Manufacturing Skills	151	1181
School of Automotive Skills	116	1781
School of IT/Networking Skills	151	623
School of ML & AI Skills	193	294
School of Electrical Skills	158	1525
School of Entrepreneurship Skills	207	417
School of Refrigeration and Air Conditioning Skills	153	1473
School of Construction Skills	126	1364
School of Metal Construction Skills	91	3053
School of Health and Paramedics Skills	62	7
School of Hospitality Skills	86	760
School of Office Administration Skills	120	391
School of Carpentry Skills	32	239
School of Renewal Energy Technology Skills	117	354
General Books and Others	526	2475
Total	2239	18175

Non Print (Microfiche, AV)

CDs/ DVDs	912
Audio-visual Resources	1146, NPTEL Videos
Institutional Membership	Developing Library Network, New Delhi National Digital Library of India British Council Library

Institutional Repository

BSDU library has developed institutional repository with the help of DSpace software. The Library provides various material under this such as syllabus, old question papers, media news related to the university including the awards given to university, emerging areas to update knowledge, faculty publications, newsletters, newspaper articles of faculty, brochures, event reports etc.

Subscribed E-Databases

- EBSCO Database- 1081 e-journals and magazines
- DELNET- 2394 Full text e-journals

E-Resources

The Library professionals guide the users in searching, accessing, downloading and disseminating the required information. The available open access resources are mention below:

- Indian Academy of Science Bengaluru, Journals <https://www.ias.ac.in/Journals/>
- National Institute of Science Communication and Information Resources (CSIR-NISCAIR), New Delhi, Journals_ <https://www.niscair.res.in/periodicals/researchjournals>
- E-Gyankosh, (IGNOU e-Study materials) <http://egyankosh.ac.in/>
- NIMI Online Resources <https://nimilearningonline.in/>
- NIOS Online Course materials <https://www.nios.ac.in/online-course-material.aspx>
- NCERT e-Books <https://ncert.nic.in/textbook.php>
- CBSE e-learning <https://cbse.nic.in/ecbse/welcome.html>
- Directory of Open Access e-books <https://www.doabooks.org/>
- Directory of Open Access e-journals <https://doaj.org/>
- E-thesis, E-dissertations (Shodhganga) <https://shodhganga.inflibnet.ac.in/>
- e-PG Pathshala <https://epgp.inflibnet.ac.in/>
- e-newspapers etc.

Software

- **KOHA**- Library Management Software
- **DSpace**- Digital Library Software
- **URKUND**- Plagiarism Detection Software
- **SPSS**- Statistical Package for Social Science

Services of BSDU Knowledge Resource Center

- User Orientation Program (Two times in each semester)
- Book Lending Services
- OPAC (Online Public Access Catalogue: BSDU users can access all Library catalogue in anywhere in campus and also they can manage their self-Library Account)
- Reference Services
- Current Awareness Services

- Internet Services
- Digital Archive
- Newspaper Services
- Inter Library Loan Facility
- Photocopy/Printing/Scanning Services
- E-mail Alert Services
- Daily Current Affairs services
- Plagiarism Checking Service

VISITS BY DIGNITARIES

Visit of Princess Diya Kumari at BSDU



The Member of Parliament, Rajsamad (Rajasthan), Princess Diya Kumari visited BSDU campus on 17 July, 2020. She appreciated the BSDU model of Entrepreneurial Skill Training and discussed the future possibilities pertaining to skilling the youth of her district and the state as a whole.

Visit of the team from *Delhi Skills and Entrepreneurship University*



It is a matter of honour that a team from the *Delhi Skill & Entrepreneurship University (DSEU)*, a set-up of the Govt. of Delhi, visited the University on 29 January 2021 to get insights into the exemplary model of Skill - Education followed at BSDU. The team comprised eminent members from the University viz. Prof. Neharika Vohra- Vice-Chancellor, Prof. Snigdha Pattanaik- Pro- Vice Chancellor, and fellow members -Ms. Ankita Arya, Ms. Arushi Singh and Ms. Punya Sinha.

Visit by Prof. Chetan Singh Solanki, IIT-Bombay



The renowned expert, Dr. Chetan Singh Solanki, Professor from IIT-Bombay during his visit to BSDU on 22 February 2021 shared his experiences and made the students and faculty aware of the objectives of his project named *Energy Swaraj Yatra* being run for the past 10 years in the different states of India.

UNIVERSITY PERSONNEL

Management

1	BSDU0197	Dr. Achintya Choudhury	Professor & President	Manufacturing Skills
2	BSDU0065	Dr. Susheela Sharma	Associate Professor & Incharge Registrar	Construction Skills

Teaching Staff

School of Automotive Skills-

3	BSDU0240	Col. Sanjay Gangwar	Assistant VP- Training/Officiating Principal	Automotive Skills
4	BSDU0130	Dr. Vipin Pahuja	Assistant Professor I	Automotive Skills
5	BSDUS013	Mr. Markus Grueter	Master Trainer	Automotive Skills
6	BSDU0011	Mr. Sumit Kashyap	Senior Trainer-II	Automotive Skills
7	BSDU0083	Mr. Krishan Sharma	Trainer I	Automotive Skills
8	BSDU0160	Mr. Sourabh Chechani	Trainer II	Automotive Skills
9	BSDU0161	Mr. Baljeet Singh	Trainer II	Automotive Skills
10	BSDU0081	Mr. Kamlesh Kumar Chaudhary	Trainer II	Automotive Skills
11	BSDU0203	Mr. Pranjali Maheshwari	Trainer II	Automotive Skills
12	BSDU0257	Mr. Ubed Ul Haque	Junior Trainer	Automotive Skills

School of Computing Skills

13	BSDU0183	Col Raj Kumar	Professor & Provost	Computing Skills
14	BSDU0152	Dr. Sumitra Singar	Assistant Professor-I	Computing Skills
15	BSDU0190	Dr. Soma Kumawat	Assistant Professor-I	Computing Skills
16	BSDU0207	Dr. Sandeep Gupta	Assistant Professor-I	Computing Skills
17	BSDU0106	Mr. T.R Sharma	Chief Trainer	Computing Skills
18	BSDU0112	Mr. Jitendra Mathur	Senior Trainer I	Computing Skills
19	BSDU0177	Mr. Deepak Khatri	Trainer-II	Computing Skills
20	BSDU0178	Mr. Manoj Kumar Gurjar	Trainer-II	Computing Skills
21	BSDU0117	Ms. Rikky Kumari	Junior Trainer	Computing Skills
22	BSDU0277	Mr. Sumit	Junior Trainer	Computing Skills

School of Construction Skills

23	BSDU0243	Mr. Arun Kumar Singh	Chief Trainer & Principal	Construction Skills
24	BSDU0116	Dr. C.P.Sharma	Assistant Professor-I	Construction Skills
25	BSDU0179	Mr.Ravi Sharma	Trainer II	Construction Skills
26	BSDU0181	Mr. Iqraz Nabi	Trainer II	Construction Skills
27	BSDU0249	Mr. Gori Shankar Soni	Trainer II	Construction Skills

<u>School of Electrical Skills</u>				
28	BSDU0212	Dr. Ritu Tak	Associate Professor & Offg Principal	Electrical Skills
29	BSDU0077	Dr. Pancham Kumar	Assistant Professor-I	Electrical Skills
30	BSDU0235	Dr. Satyendra Singh	Assistant Professor-I	Electrical Skills
31	BSDU0164	Mr. Pawan Kumar Choudhary	Trainer II	Electrical Skills
32	BSDU0167	Mr. Yatendra Singh Hada	Trainer II	Electrical Skills
33	BSDU0174	Mr. Shubham Singh Rathore	Trainer II	Electrical Skills
34	BSDU0186	Mr. Kuldeep Kumar	Trainer II	Electrical Skills
35	BSDU0267	Mr. Navjot Singh	Junior Trainer	Electrical Skills
36	BSDU0276	Ms. Surbhi Pareek	Trainer-II	Electrical Skills
<u>School of Entrepreneurship Skills</u>				
37	BSDU0225	Dr. Rajdeep Deb	Associate Professor & Head Admissions	Entrepreneurship Skills
38	BSDU0162	Dr. Anil Kumar Aggarwal	Assistant Professor-I	Entrepreneurship Skills
39	BSDU0218	Dr. Mredu Goyal	Assistant Professor-I	Entrepreneurship Skills
40	BSDU0217	Dr. Shekhar Kapoor	Assistant Professor-I	Entrepreneurship Skills
<u>School of General Education</u>				
41	BSDU0057	Dr. Surat Singh	Prof & Principal	General Education Skills
42	BSDU0111	Dr. Sangeetha Noval	Associate Professor	General Education Skills
43	BSDU0248	Dr. Ajay Sharma	Assistant Professor-I	General Education Skills
44	BSDU0096	Dr. Perna Shrivastava	Assistant Professor-II	General Education Skills
45	BSDU0176	Dr. Rakesh Choudhary	Assistant Professor-I	General Education Skills
46	BSDU0189	Dr. Kiran Shekhawat	Assistant Professor-I	General Education Skills
47	BSDU0114	Mr. Lala Ram Choudhary	French Trainer	General Education Skills
<u>School of Health Care & Paramedics Skills</u>				
48	BSDUS012	Mr. Kastriot Komani	Project Manager	Health Care & Paramedics Skills
49	BSDUS014	Ms. Petra Stangwald	Master Trainer	Health Care & Paramedics Skills
50	BSDU0135	Mr. Om Prakash Shrimal	Trainer II	Health Care & Paramedics Skills

51	BSDU0144	Mr. Tanuj Narula	Trainer II	Health Care & Paramedics Skills
52	BSDU0123	Mr. Ankit Prajapat	Junior Trainer	Health Care & Paramedics Skills
<u>School of Hotel Management & Tourism Skills</u>				
53	BSDUS010	Ms. Marietta Nussli	Project Manager	Hotel Management & Tourism Skills
54	BSDU0228	Mr. Vinay Kumar Verma	Trainer- I	Hotel Management & Tourism Skills
55	BSDU0215	Ms. Florence Joseph	Trainer II	Hotel Management & Tourism Skills
56	BSDU0216	Mr. Vipin Kumar Singh	Trainer-II	Hotel Management & Tourism Skills
<u>School of Manufacturing Skills</u>				
57	BSDU0210	Dr. Binit Kumar Jha	Professor / Principal	Manufacturing Skills
58	BSDU0010	Mr. Pranav Singhal	Sr. Trainer-II	Manufacturing Skills
59	BSDU0022	Mr. Anirudh Singh Sandu	Trainer-I	Manufacturing Skills
60	BSDU0033	Mr. Rachit Tiwari	Trainer I	Manufacturing Skills
61	BSDU0042	Mr. Dharam pal Kumhar	Trainer II	Manufacturing Skills
62	BSDU0086	Mr. Hemant Sharma	Trainer I	Manufacturing Skills
63	BSDU0087	Mr. Deepak Swami	Trainer I	Manufacturing Skills
64	BSDU0089	Mr. Munendra Koli	Trainer I	Manufacturing Skills
65	BSDU0200	Mr. Akram Razza Mansuri	Trainer II	Manufacturing Skills
66	BSDU0202	Mr. Akash Gade	Trainer II	Manufacturing Skills
67	BSDU0260	Mr. Madhusudan Singh Rathore	Junior Trainer	Manufacturing Skills
68	BSDU0261	Mr. Sumit Bhukar	Junior Trainer	Manufacturing Skills
69	BSDU0265	Mr. Mukesh Kumar Khakhal	Junior Trainer	Manufacturing Skills
70	BSDU0266	Mr. Shankar Lal Choudhary	Junior Trainer	Manufacturing Skills
<u>School of Metal Construction Skills-</u>				
71	BSDUS020	Mr. Andre Schneiter	Master Trainer/ Project Manager	Metal Construction Skills

72	BSDU0014	Mr. Kaushal Tiwari	Senior Trainer-I	Metal Construction Skills
73	BSDU0030	Mr. Bhagwan Sahai Bunkar	Trainer I	Metal Construction Skills
74	BSDU0201	Mr. Pradeep Singh Chouhan	Trainer II	Metal Construction Skills
75	BSDU0204	Mr. Koshal Kishor Nagar	Trainer-II	Metal Construction Skills
<u>School of Office Administration Skills</u>				
76	BSDU0255	Dr. Mushtaq Ahmed	Professor & Principal	Office Administration Skills
77	BSDU0034	Dr. Pallavi Mathur	Assistant Professor-I	Office Administration Skills
78	BSDU0188	Mr. Ram Bilas Agarwal	Assistant Professor-I	Office Administration Skills
<u>School of RAC Skills</u>				
79	BSDU0199	Dr. Shishir Chandra Bhaduri	Professor of RAC, Dean of RAC /Automotive/Electrical	RAC Skills
80	BSDU0264	Mr. Sheetal Kumar Jain	Assistant Professor I	RAC Skills
81	BSDU0091	Mr. Shyam Anand Chaturvedi	Trainer I	RAC Skills
82	BSDU0092	Mr. Najmool Haque	Trainer I	RAC Skills
83	BSDU0169	Mr. Devendra Pathak	Trainer II	RAC Skills
84	BSDU0226	Mr. Hardik Sharma	Trainer II	RAC Skills
85	BSDU0227	Ms. Nikita Singh	Trainer II	RAC Skills
<u>School of Woodworking Skills</u>				
86	BSDU0211	Prof.(Cmdr.) Anil Rana	Principal	Woodworking skills
87	BSDUS007	Mr. Matthias Faeh	Project Manager	Woodworking skills
88	BSDU0269	Dr. Manish Kumar	Assistant Professor-I	Woodworking skills
89	BSDU0270	Dr. Shitanshu Sapre	Assistant Professor-II	Woodworking Skills
90	BSDU0068	Mr. Harendar Singh	Trainer I	Woodworking Skills
91	BSDU0071	Mr. Abhimanyu Kumar	Trainer-I	Woodworking Skills
92	BSDU0234	Mr. Kumar Shanu Sharma	Trainer-II	Woodworking Skills
93	BSDU0272	Mr. Hanuman Prasad Jat	Junior Trainer	Woodworking Skills
94	BSDU0273	Mr. Mohit Kalal	Junior Trainer	Woodworking Skills
95	BSDU0274	Mr. Kamlesh Bagra	Junior Trainer	Woodworking Skills

96	BSDU0275	Mr. Vikash Kumar Naga	Junior Trainer	Woodworking Skills
<u>Knowledge Resource Centre</u>				
97	BSDU0037	Dr. Bhoop Singh	Assistant Professor- I	Library Science

Non-Teaching Staff

S.No.	EMP ID	Emp Name	Designation	School/ Department
1	BSDU0278	Ms. Rashmi Chaudhary	HR Head/Manager	HR Office
2	BSDU0148	Ms. Diksha Sharma	Jr. HR Executive-I	HR Office
3	BSDU0127	Sub. Major Amar Singh Shekhawat	PS	HR Office
4	BSDU0031	Sub. Ram Kumar Singh Mahla	PS to President	VC Secretariat
5	BSDU0128	Sub. Gopal Singh	PS to Principal	General Education
6	BSDU0095	Mr. Jeet Ram Choudhary	General Duty Worker	VC Secretariat
7	BSDU0102	Sub. Ram Singh Shekhawat	PS to Registrar	VC Secretariat
8	BSDU0079	Mr. Sangeet Kumar Sinha	Assistant Project Manager	Construction Site
9	BSDU0245	Mr. UmeshNarula	Junior Engineer Civil	Construction Site
10	BSDU0005	Mr.Hemraj Yadav	Jr. Finance Executive	Accounts
11	BSDU0006	Mr. BhagirathChoudhary	Field Executive	Accounts
12	BSDU0099	Mr. Ramesh Prajapat	General Duty Worker	Accounts
13	BSDU0129	Mr. Anurag Naruka	Assistant Accountant	Accounts
14	BSDU0003	Mr.Banwari Lal Bunkar	General Duty Worker	Administration
15	BSDU0029	Mr.VishnuNayak	General Duty Worker	Administration
16	BSDU0050	Mr.Hanuman Sahay Sharma	Supervisor Facility	Administration
17	BSDU0052	Mr. Jitendra Kumar Piploda	Care Taker,Ashiana	Administration
18	BSDU0094	Mr. RameshwarShreemal	General Duty Worker	Administration
19	BSDU0194	Col. Pradeep Yadav	Administrative Officer	Administration
20	BSDU0222	Mr. HemrajJat	General Duty Worker	Administration
21	BSDU0262	Mr. Arjun Prajapat	General Duty Worker	Administration
22	BSDU0220	Ms. Priyanka Sharma	Admission Counsellor	Admission Cell
23	BSDU0221	Ms. RavniTalwarGuj	Front Office Executive	Admission Cell
24	BSDU0122	Ms. Pooja Sharma	PS	Computing Skills
25	BSDU0056	Ms. Shanti Thapa	PA	Entrepreneurship Skills
26	BSDU0150	Mr. AlokKemani	Office Supdt..	Entrepreneurship Skills
27	BSDU0126	Mr. Bajrang Lal	PA	Examination Cell

		Choudhary		
28	BSDU0193	Ms. AlkaChoudhary	Clerk	Examination Cell
29	BSDU0271	Mr. Shankar Singh	PA	Health Care & Paramedics Skills
30	BSDU0158	Mr. Babu Lal Meena	General Duty Worker	Library
31	BSDU0046	Mr.UmeshPrajapat	Plumber	Maintenance & Purchase Cell
32	BSDU0051	Mr.RamlalLamba	Mason	Maintenance & Purchase Cell
33	BSDU0136	Mr. Ganesh Singh	Electrician	Maintenance & Purchase Cell
34	BSDU0171	Mr. Mukesh Kumar Sharma	Office Boy	Maintenance & Purchase Cell
35	BSDU0021	Mr.Rajesh Saini	Maintenance Supervisor	Manufacturing Skills
36	BSDU0172	Ms. Varsha Sharma	PA	Manufacturing Skills
37	BSDU0049	Sub. Sultan Singh	PS to Provost	Provost Office
38	BSDU0268	Mr. Manohar Gupta	Workshop Technician	RAC Skills
39	BSDU0153	Mr. Babu Lal Nodal	Driver	Transportation
40	BSDU0025	Mr.Kalu Ram Choudhary	Driver	Transportation
41	BSDU0027	Mr.RamSwaroop	Driver	Transportation
42	BSDU0032	Mr. PinkiPrajapat	Driver	Transportation
43	BSDU0048	Mr.Rajesh Kumar	Driver	Transportation
44	BSDU0103	Mr. Papu Lal Chaudhary	Driver	Transportation
45	BSDU0104	Mr. Sunil Borana	Driver	Transportation
46	BSDU0115	Mr. Kishan Lal Verma	Driver	Transportation
47	BSDU0132	Mr. Om Prakash Jat	Driver	Transportation

PHOTO GALLERY



Annual Sports Championship-2021



Annual Sports Championship-2021



COVID-19 Awareness & Mask Distribution



Clothes Distribution Camp



COVID-19 Safety Excellence Award



COVID Vaccination Drive sponsored by RUJCT



International Women's Day-2021



Soft Skills Training Programme-2021



Editorial Team



Dr. Sangeetha Noval
Associate Professor &
Principal



Dr. Purna Srivastava
Assistant Professor



Dr. Kiran Shekhawat
Assistant Professor



Dr. Rakesh Choudhary
Assistant Professor



BHARTIYA SKILL DEVELOPMENT UNIVERSITY JAIPUR

(Incorporated through Rajasthan State Legislature Act no. 3 of 2017)

005-001, DTA Mahindra World City, (SEZ), Jaipur-302037

Phone: 0141-6655440 | Mobile: +91-9828882458

E-Mail: contacts@ruj-bsdu.in | Website: www.ruj-bsdu.in



RAJENDRA AND URSULA JOSHI
CHARITABLE TRUST