



BHARTIYA SKILL DEVELOPMENT UNIVERSITY



Annual Report 2019-20



**GLOBAL
EXCELLENCE
IN SKILL
DEVELOPMENT**



ANNUAL REPORT

2019-20



BHARTIYA SKILL DEVELOPMENT UNIVERSITY
JAIPUR

BHARTIYA SKILL DEVELOPMENT UNIVERSITY



Founder

Late Dr. Rajendra Kumar Joshi

Visionary, Philanthropist, Educationist, Pharmacologist

Homage to our beloved Chairperson– “Dr. Rajendra Kumar Joshi”



We, the fraternity of Bhartiya Skill Development University, Jaipur, with a heavy heart, render an adieu to our mentor and Chairperson, Dr. Rajendra Kumar Joshi. He was a great role model and a legend who worked throughout his life for the betterment of the country and the youth at large. He contributed to make the world a better place through his therapeutic and Charitable activities. He was firmly convinced that the key to a respectable life is good education in a major way.

Passing away of Dr. Joshi, a great and a compassionate leader is a huge loss to our country. He was ever willing to help others and will always be remembered for his service to the people. He was undoubtedly, a source of inspiration to many who came in his contact. May the Almighty give him eternal rest and give strength to the bereaved family to bear the irretrievable loss.

Dr. Joshi was an iconic scientist, exceptionally well known in Western countries, he had deep love towards his motherland which brought him back to Rajasthan where he invested heavily by establishing Bhartiya Skill Development University, Jaipur including various other business concerns. BSDU, has taken immense strides to become a unique and exemplary University gaining prominence in Skill based Education.

He was the recipient of many awards and accolades. To name a few, Swiss Friendship Ambassador – (Vocational Education Training) by Swiss Ambassador, Andreas Baum; Federal Councilor, Ignazio Cassis and Mrs Ruchi Ghanshyam, Ministry of External affairs of Swiss Embassy, New Delhi on the 10th of August 2018 and Pravasi Bhartiya Samman Award by the President of India for his “outstanding achievement in the field of science and in recognition of his valuable contribution in promoting the honour and prestige of India”.

We pay homage to our beloved Chairperson and vow to strive towards making his dream of *Skill India* a beautiful reality.

From the Editorial Team

Welcome and warm greetings from the desk of the editorial board of the Annual Report of BSDU, a *Model University* in Skill Education in India. Many of us, now emerging from the challenges of the Covid-19 would eagerly be looking ahead to the renewal when the salubrious winter is knocking the doorsteps. We desire to celebrate the vibrancies and buoyancy at BSDU in the academic year, July 2019 - June 2020 through this report.

The report makes a watershed in the history of the institution and paves way for achievement. We have attempted to communicate the happenings, chronological events and showcase the academic prowess and professional acumen of the populace that animate Bhartiya Skill Development University in its academic arena.

Heartfelt gratitude transcends the realm of the words. Yet we must string some words of gratitude to express our indebtedness to the management of BSDU and all the Principals, faculty and trainers who enabled us to accomplish this work.

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Message of Chairperson/Chancellor



I wish to congratulate the Bhartiya Skill Development University, Jaipur(BSDU) for bringing out their second Annual Report for the year 2019-2020. 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. Please keep doing the good work and I look forward to BSDU achieving the status and prestige of a premier Skill Development University in India and abroad in the near future.

I would also like to pay my heartfelt tribute to the first Chairperson and founder of BSDU, late Dr. Rajendra Kumar Joshi, who not only introduced the novel and revolutionary concept of Swiss-Dual System of education in India, but also implemented it in the form of establishment of the Bhartiya Skill Development University, Jaipur. He is deeply missed by us all, and as the Chairperson of BSDU, I feel very proud being the successor of such a visionary and humanist.

I extend my compliments to the editorial team and wish luck and success to BSDU for a bright future.

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

I am extremely pleased to present the second Annual Report-2019-20 of Bhartiya Skill Development University. The report covers all the facets of university events pertaining to its Governance, Academics, Research & Development, Co-Curricular and Extra-Curricular Activities carried out in the last academic year.

Our first commitment is – and always will be – to our students. The message is clear. Higher education is a sound, essential, high-value investment — an investment that pays substantial economic and noneconomic dividends to individuals and the state. We have firm faith in creating a learning environment at BSDU that enhances student interaction and engagement, and enriches their skill-based potential. Our efforts to improve affordability and degree attainment will help ensure a larger pool of qualified and skilled graduates to meet the Glocal's workforce needs.

Over the past three years, BSDU has gained prominence in national leadership and international recognition for the quality Skill-Education imparted at BSDU striving to make it a model university in skill education in India. With this growing profile, we will continue to pursue the commitments to quality education and will maximise the potential of our research to have global impact.

The period covered in this report had several peaks and troughs. The spirited BSDU team was not deterred and hesitant in facing the challenges and came out successful. In the pages that follow, we set out in detail our programme of activities, and articulate the values and ideas that underlie these activities. The extensive engagement throughout the execution process shows a shared ambition for our University to succeed.

I would like to thank everyone involved in compiling this detailed report and accomplishing the task within the stipulated time.

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 programs 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 life-span of three 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 2019 and June 2020, 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 Achintya Choudhury	President, BSDU	Bhartiya Skill Development University Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302042
3.	Mr. Jayant Joshi	President Trustee RUJCT	D-30, Jan Path, Shyam Nagar Jaipur
4.	Mr. Nayan Joshi	Secretary RUJCT	D-4/150 Chitrakoot, Step by Step School Road, Ajmer Road, Jaipur-21
5.	Mr. Jalaj Joshi	Treasurer RUJCT	D-30, Jan Path, Shyam Nagar Jaipur
6.	Mr. Markus Gmeiner	CEO, JCF	Rajendra & Ursula Joshi Foundation, Wolleraustr, 41a, CH-8807 Freienbach, Switzerland
7.	Mr. Marco Syfrig	Chairman and CEO	Burkhalter Holding, Hohlstrasse 475, 8048 Zürich, Switzerland

8.	Mr. Rajeev Mathur	CA	Arvind Mathur & Co, 202, Ashok Marg, Patrakar Colony, C Scheme, Ashok Nagar, Jaipur, Rajasthan 302001
9.	Prof Charanjeet Kaur Pabla	COE, BSDU	Bhartiya Skill Development University Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302042
10.	Prof S C Bhaduri	Dean, Faculty of AER Skills	Bhartiya Skill Development University Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302042
11.	Dr Susheela Sharma	Registrar, BSDU (Member Secretary)	Bhartiya Skill Development University Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302042
12.	Mr. Naveen Jain	IAS, Labour Commissioner and Secretary	Skill & Employment, GOR, S-78, Kamala Nehru Nagar, Shanti Nagar, Civil Lines, Jaipur, Rajasthan 302007

Board of Studies

S. No.	Name	Profession	Full Postal Address
1.	Mrs. Ursula Joshi	Chairperson	Rajendra & Ursula Joshi Foundation, Wolleraustr, 41a, CH-8807 Freienbach, Switzerland
2.	Prof Achintya Choudhury	President, BSDU	BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
3.	Mr Jayant Joshi	President Trustee RUJCT	D-30, Jan Path, Shyam Nagar Jaipur
4.	Mr. Nayan Joshi	Secretary RUJCT	D-4/150 Chitrakoot, Step by Step School Road, Ajmer Road, Jaipur-21
5.	Mr Abhishek Joshi	Managing Director	RUFIL DTA-005-008 & 009, Domestic Tariff Area, Mahindra World city, Jaipur - 302037
6.	Mr. Markus Gmeiner	CEO, JCF	Rajendra & Ursula Joshi Foundation, Wolleraustr, 41a, CH-8807 Freienbach, Switzerland
7.	Dr. Samit Sharma	Managing Director	Rajasthan Skill & L D C
8.	Prof M P Poonia	Vice Chairman	AICTE Delhi

9.	Dr. Susheela Sharma	Registrar, BSDU	BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
10.	Prof Sandeep Sancheti	Vice Chancellor	SRM IST (Formerly SRM University) Chennai
11.	Prof Victor Gambhir	Vice Chancellor	Maharishi Markandeshwar University, Mullana University Road, Mullana, Highway, Yamuna Nagar, Haryana 133207
12.	Prof Roshan Lal Raina	Vice Chancellor	JK Lakshmipat University Near Mahindra SEZ, P.O. 302 026, Ajmer Road, Mahapura, Rajasthan 302026
13.	Prof Milind Rane	Professor	IIT, Bombay (HVAC), Main Gate Rd, IIT Area, Powai, Mumbai, Maharashtra 400076
14.	Prof P. S. V. Nataraj	Professor	IIT, Bombay (Supercomputing), Main Gate Rd, IIT Area, Powai, Mumbai, Maharashtra 400076
15.	Prof J S Saini	Professor	NITTTR ; Entrepreneurship Development, Sector 26, Chandigarh, 160019
16.	Prof Harsh Dwivedi	Professor	Rajasthan University, JLN Marg, Jaipur 302004
17.	Prof PN Sharma	Professor	Ex MNIT ; Construction, Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017
18.	Prof Soman	Professor	IIT Bombay ; EE, Main Gate Rd, IIT Area, Powai, Mumbai, Maharashtra 400076
19.	Prof R P Yadav	Professor	MNIT, Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan 302017 (Former VC RTU)
20.	Prof B S Pabla	Professor	NITTTR (Manufacturing/CNCs), Sector 26, Chandigarh, 160019
21.	Mr. Rajat Khawas	Head of Business	Manipal City & Guilds Pvt. Ltd. (Skills Training and Assessment Partner of NSDC), Plot no 256 , Okhla Industrial Estate , Phase -3, Modil Mill compound , Oppo to Post Office, New Delhi, 110020
22.	Brig (Dr) S.N. Mishra	Ex. VC, SMU Gangtok Principal BSDU	School of Automotive Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037

23.	Mr. Ved Prakash Goyal	Assistant Vice President	IL & FS Skill Development Corporation Ltd. D-114, Okhla Industrial Area, Phase-I, New Delhi-110020
24.	Prof Charanjeet Kaur Pabla	Controller of Examination	BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
25.	Maj Gen Deepinder Singh	Deputy Director	Telecom Sector Skill Council, Estel House, 3rd Floor, Plot No:- 126, Sector 44, Gurugram, Haryana 122003
26.	Maj Gen A K Sakhuja	CEO	Security Skill Council of India, A-28 & 29 Okhla Industrial Area Phase-1, New Delhi 110020, India
27.	Dr. Sapna Poti	Vice President	IIT Madras Development Office
28.	Mr Kanwal Jeet Jawa	MD & CEO	Daikin Airconditioning India Pvt. Ltd., 12th floor, Building No. 9, Tower A, DLF Cyber City, DLF Phase-III Gurgaon - 122002, Haryana
29.	Lt Gen Dr S P Kochhar	CEO	Telecom Sector Skill Council, Estel House, 3rd Floor, Plot No:- 126, Sector 44, Gurugram, Haryana 122003
30.	Maj Gen A K Sakhuja	CEO	Security Skill Council of India, A-28 & 29 Okhla Industrial Area Phase-1, New Delhi 110020, India
31.	Col. Anand Kumar Singh	Head Operations (Officiating Chief Executive Officer)	Construction Skill Development Council of India, Tower 4B, DLF Corporate Park, 103& 104, 4B, Mehrauli-Gurgaon Rd, DLF Phase 3, Gurugram, Haryana 122002
32.	Ms Shashi Kiran	Consultant	Tata Trusts
33.	Dr Sandhya Chintala	Executive Director	IT-ITes Sector Skill Council, Plot No - 7,8.9 & 10, Sector 126 , Noida, UP. Pin Code : 201303
34.	Mr Vinod Bihari	CEO	Power Sector Skill Council, Plot No. 4, Institutional Area CBIP Building, Malcha Marg, Chanakyapuri, New Delhi, Delhi 110021
35.	Mr. Prakash C Jain	Head (Quality, Certi & Assurance)	Power Sector Skill Council, Plot No. 4, Institutional Area CBIP Building, Malcha Marg, Chanakyapuri, New Delhi, Delhi 110021
36.	Prof. Kumkum Garg	Dean	Faculty of Informatics & Automation, BSDU,

			Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
37.	Maj Gen K Majumdar	COO	SSSDC, Shop No. 305-306 , DLF City Court Mehrauli Gurgaon Road Nathupur Village Sector 24 Sikanderpur Ghosi, Gurugram, Haryana 122002
38.	Mr. Raj Nehru	Vice Chancellor	Vishwakarma Skill Development University, Transit office, 2nd and 3rd floor Plot No 147, Sector-44, Gurugram
39.	Prof S K Jhajharia	Professor BSDU	School of Electrical Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
40.	Dr Surat Singh	Professor BSDU	School of General Education, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
41.	Mr. Vikrant Pande	Provost (Vice Chancellor)	TeamLease University, ITI Campus, ITC Building, Tarsali Rd, Vadodara, Gujarat 390009
42.	Prof Manjusha Tarafdar	Vice Chancellor	Seacom Skills University, 21, Kendua Main Rd, Baishnabghata, Garia, Kolkata, West Bengal 700084
43.	Prof Haribandhu Panda	Pro VC	Centurion University of Tech & Management, Odissa
44.	Col. (Dr) Rajive Kohli	(Retd.), Subject Expert	SSSC, 4 High Court Extension Building Sector 17 Opposite Police Station, Sector 17, Chandigarh 160017
45.	Mr. A P S Gandhi	General Manager	Training & Development, DAIKIN Airconditioning India Pvt. Ltd, 12th floor, Building No. 9, Tower A, DLF Cyber City, DLF Phase-III Gurgaon - 122002, Haryana (India)
46.	Dr Lalit K Panwar	Vice Chancellor	Rajasthan ILD Skills University (RISU), Hotel Khasa Kothi Campus, M.I. Road, Jaipur, Rajasthan 302001
47.	Dr. S S Arya	CEO	Agriculture Skill Council of India, 6th Floor, GNG Building, Plot No. 10, Sector - 44, Gurugram, Haryana - 122004,
48.	Mr. P M Bharadwaj	Founder	Bharadwaj Foundation

49.	Mr. N K Jain	President	The Employers' Association of Rajasthan, 99, Mohan Badi, Galta Road, Near Milieu Field School, Jaipur, Jaipur, Rajasthan 302003
50.	Mr Amar Jha	Chief Executive Officer	Jharkhand Skill Development Mission, Shram Bhawan, Doranda, Ranchi, Jharkhand 834002
51.	Mr Manish Kumar	CEO	National Skill Development Council (NSDC)
52.	Ambassador Smita Purusottam	Adjunct Professor	BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
53.	Prof G K Prabhu	Vice Chancellor	Manipal University, Jaipur-Ajmer Express Highway, Dehmi Kalan, Near GVK Toll Plaza, Jaipur, Rajasthan 303007
54.	Prof R S Rathore	Professor	HVSU Haryana
55.	Dr Swati Majumdar	Principal Director	Symbiosis Open Education Society, Village – Kiwale, Adjoining Pune Mumbai Expressway Pune – 412101, Maharashtra, India.
56.	Dr Giriraj Nyati	Chief Operating Officer	Genus Power Infrastructures Ltd., Genus Power Infrastructures Ltd. SPL-3, RIICO Industrial Area, Sitapura, Tonk Road, Jaipur -302 022,
57.	Mr Rahul Mehta	COO	Furniture & Fittings Skill Council, DLF City Court, 407-408, 4th Floor, Sikanderpur, Mehrauli-Gurgaon Rd, Nathupur, Sector 24, Gurugram, Haryana 122002
58.	Dr Ravi Goyal	Principal	School of Entrepreneurship Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
59.	Ms Marietta Nuessli	Project Manager	School of Hospitality & Tourism, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
60.	Dr. Sylvester Fernandes	Co-Founder	Forsk Technologies, Forsk Technologies, M5, Startup Oasis, Sitapura Industrial Area, Sitapura, Jaipur, Rajasthan 302022
61.	Mr. Daniel Egli	Project Manager	School of Polymechanic Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037

62.	Prof Shishir Chandra Bhaduri	Principal	School of HVAC&R Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
63.	Mr Nikunj Sanghi	President	Automotive Skills Development Council, Building, 1, Sat Paul Mittal, 6, Khel Gaon Marg, Siri Institutional Area, Siri Fort Institutional Area, Road, New Delhi, Delhi 110049
64.	Prof Anurag	Principal	School of Computing Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
65.	Mr. Marcus Flepp	Project manager	School of Metal Construction, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
66.	Mr. Kastriot Komani	Project Manager	School of Healthcare Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
67.	Mr. Matthias Fah	Project manager	School of Woodworking Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
68.	Mr. N.K.Mohapatra	CEO	ESSCI, Electronic Sector Skills Council of India. Head office: 602, 604, 606 & 608 6th Floor, Ansal Chambers II, Bhikaji Cama Place, New Delhi, Delhi 110066
69.	Prof Anil Rana	Principal	School of Woodworking Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
70.	Prof Binit Kumar Jha	Principal	School of Manufacturing Skills, BSDU, Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302037
71.	Mr. I. G. Gahlaut	CEO	Capital Goods Skill Council
72.	Mr, Arun Kumar Singh	Chief Trainer, School of Construction Skills	Bhartiya Skill Development University Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302042
73.	Cmde (Dr) JM Jangir	Principal, School of Electrical Skills	Bhartiya Skill Development University Plot 001-002, DTA Mahindra World City, Off, Ajmer Rd, Jaipur, Rajasthan 302042

MEETINGS OF THE BOARD OF MANAGEMENT

The Fifth meeting of the Board of Management was held on July 19, 2019 and the Sixth meeting which was scheduled on April 1, 2020 had to be postponed due to the outbreak of the pandemic and the subsequent lockdown.

Important deliberations in the fifth meeting of the Board of Management included the following points:

- Following new Programs were approved by the Board:
 - B.Voc in Healthcare Skills – through upgradation of Advanced Diploma in Medical Nursing Assistance
 - B.Voc in Entrepreneurship Skills (Beauty & Wellness) in collaboration with Orane International
 - M.Voc in Manufacturing Skills
- The proposed budget for 2019 – 20 was deliberated in detail and was forwarded to the Chairperson for final approval
- Projected Manpower requirements were approved with the cap that appointments would be made on actual admission
- Board approved the policy on reimbursement of travel expenses on initial joining
- Board approved the revision in purchase policy
- Important decisions taken in the 14th meeting of the BOS were granted ex-post facto approval by the Board
- Board accorded approval to some important decisions of the Weekly Meetings
- Tenure of the (Central) Board of Studies was extended for one more year and it was permitted to act as Academic Council

MEETINGS OF THE BOARD OF STUDIES



Considering the unique nature of this University which was required to pioneer the skill-based education, a Central Board of Studies was constituted and was authorized to act as the Academic Council of the University. The members of the Board of Studies included several experts from the arena of Academics, Industries and different Sector Skill Councils.

Two meetings of the Board of Studies, the fifteenth and the sixteenth in serial, were held during the Academic Year 2019 -20. The seventeenth meeting scheduled for April 4, 2020 had to be postponed due to the lockdown after the outbreak of pandemic.

In the 15th meeting held on July 20, 2019, the BOS approved the curricula for the following programs:

- B.Voc in Healthcare Skills
- B.Voc in Entrepreneurship Skills (Beauty & Wellness)
- M.Voc in Manufacturing Skills

Some changes in the curricula for the following programs were approved by the BOS:

- B.Voc Electrical Skills
- B.Voc. Carpenter Skills
- B.Voc Manufacturing Skills

Refinement proposed by the BOS in the curriculum of the following program was addressed and the modified curriculum was presented in this meeting:

- B.Voc in Industrial Security Skills

BOS also discussed the proposals on Integrated B.Voc- B.Tech program and D.Voc – B.Voc Program. Some modifications in the Examination and Evaluation System and earning of Credits through MOOCs were approved by the BOS.

In the 16th meeting of the BOS held on October 19, 2019, the following important decisions were taken

- a) The Board approved the changes in the titles of following schools and programs:
 - School of HVAC & R Skills as School of Refrigeration and Air-conditioning Skills.
 - School of Carpenter Skills as School of Woodworking Skills.
 - B.Voc / M.Voc in HVAC & R Skills as B.Voc / M.Voc in Refrigeration and Air-conditioning Skills.
 - B.Voc / M.Voc in Carpenter Skills as B.Voc / M.Voc in Woodworking Skills.
- b) Some changes and modifications in the curricula of the following programs were approved by the BOS:
 - B.Voc RAC Skills
 - B.Voc Woodworking Skills
 - B.Voc Entrepreneurship Skills
 - M.Voc Entrepreneurship Skills
- c) Some modifications in the Examination and Evaluation System with respect to the grading system and the conduct of examination were approved.

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.

APPOINTMENTS IN ADMINISTRATIVE POSITIONS

- ❖ Mrs. Ursula Joshi was appointed Chairperson by the sponsoring trust, RUJCT after the sad demise of founder Chairperson, Dr. R K Joshi.
- ❖ Prof. Achintya Choudhury who served the University as Registrar was appointed as the President of BSDU
- ❖ Brig. (Dr.) Somnath Mishra was appointed Registrar of the University.
- ❖ Prof. Kumkum Garg, Dean, Faculty of Informatics & Robotics was appointed Dean, Academics
- ❖ Prof. Shishir Ch Bhaduri, Principal, School of HVAC, was assigned the position of Dean, Faculty of Automotive, Electrical & RAC Skills, BSDU
- ❖ Prof. Anurag, Principal, School of Computing Skills, was appointed as Dean, Faculty of Informatics & Automation.
- ❖ Cdr. Dr Anil Rana, Principal, School of Carpentry, was appointed the Dean, Faculty of Manufacturing Skills, BSDU
- ❖ Cmde. (Dr) Jawahar M Jangir who joined BSDU as Professor, Electrical Engineering was assigned additional responsibility of the Director, Industrial Relations, BSDU

INSPECTION BY THE UGC EXPERT COMMITTEE

The Expert Committee constituted by the UGC visited BSDU on 31 Jan and 1 Feb, 2020 for ascertaining the norms and standards being followed by BSDU in terms of programs, faculty, infrastructural facilities, financial viability, etc. as laid down by the UGC and other concerned Statutory Councils. The Committee comprised of the following members:

1. Prof Vinod Kumar Jain, Vice Chancellor, Tezpur University, Tezpur - Chairperson
2. Prof Manoj Kumar Saxena, Director, DDUKK, Central University of Himachal Pradesh, Dharamsala - Member
3. Prof Neela Dabir, Dean, School of Vocational Education, TISS Mumbai - Member
4. Dr. S. P. Aggarwal, Principal, Ramanujan College, University of Delhi, Delhi - Member
5. Mr. Mriganka Sekhar Sarma, Education Officer, UGC, New Delhi - Coordinating Officer



The Committee interacted with the functionaries of the University and was apprised of the various programs at BSDU including a brief description of the RUJ Charitable Trust and its legal status. The Expert Committee visited all the facilities and the infrastructure available and

examined all the relevant documents. The Committee submitted its report to the UGC and the same was forwarded to BSDU for further compliance of few suggestions for further improvement.

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

Compliances in the prescribed format were submitted to the UGC and the decision on approval would be taken in the next meeting of the UGC Commission.

UPDATES ON CONSTRUCTION ACTIVITIES

Significant construction activities were carried out during the Academic year 2019 – 20 to provide sufficient necessary infrastructure for academic and allied activities. A PEB shed was constructed in the old campus to accommodate the School of Metal Construction Skills, the labs of Beauty & Wellness program as well as some classrooms and office chambers.

Construction of one Academic Block was completed during this period and the following schools along with their constituent labs and other facilities were shifted to this block: School of Automotive Skills, School of Electrical Skills and School of RAC Skills. Construction of a PEB shed in the main campus was also completed to accommodate the School of Construction Skills. Some sports facilities such as Football and Athletics fields, Volleyball, Basketball and Lawn Tennis courts were also developed during this period.

Significant progress was also made in construction of Administrative Block, second Academic Block, Girls’ Hostel, Internal roads, boundary walls, Electric substation etc.

MEMORANDA OF UNDERSTANDING

In order to build collaborations with Industries, Educational Institutions, Research and Skill-related organizations, twenty Memoranda of Understanding were signed during the period July 2019 – June 2020. The details of these MoUs are as follows:

S. No	Name of Industry/ Organization	MOU signed for	Date on MOU signed
1.	Sophia Girls College, Ajmer	Short Term Student and Faculty Training/Development Programs	01.07.2019
2.	Baba Farid Vidyak Society, Bathinda	Skilled Based Training, Education, Research and Development and Employment.	10.07.2019
3.	Sunrise Computers, Jaipur	Skilled Based Training, Education, Research and Development and Employment	25.07.2019
4.	Zorin Interiors Pvt Ltd, New Delhi/Bahadur Garh	Skilled Based Training, Education, Research and Development and Employment.	26.07.2019

5.	SAM Automation Technologies Pvt Ltd, Mohali(Pb)	Skilled Based Training, Education, Research and Development and Employment.	08.08.2019
6.	Indian Institute of Welding, Kolkata	BSDU as a Testing Centre and Training Institute.	09.08.2019
7.	Rama Aircon Engineers (P) Ltd Jaipur	Skilled Based Training, Education, Research and Development and Employment	28.08.2019
8.	Global Aircon, Jaipur	Skilled Based Training, Education, Research and Development and Employment	06.09.2019
9.	Central Electronics Engineering Research Institute (CSIR-CEERI) Pilani	Skilled Based Training, Education, Research and Development and Employment	21.09.2019
10.	Grace Furnishing Pvt Ltd Noida	Skilled Based Training, Education, Research and Development and Employment	25.09.2019
11.	Capital Goods Skill Council, New Delhi	Skilled Based Training, Education, Research and Development and Employment	27.09.2019
12.	Narsi Interior Infrastructures Pvt Ltd Mumbai	Skilled Based Training, Education, Research and Development and Employment	18.10.2019
13.	Metal Joints Manufacturing Pvt Ltd Jaipur	Skilled Based Training, Education, Research and Development and Employment	19.10.2019
14.	Bikaner Technical University, Bikaner	Research, Development, Seminars, Workshops, Training, Internship and related services	23.11.2019
15.	Chandigarh University, Punjab	Research, Development, Seminars, Workshops, Training, Internship and related services	18.12.2019
16.	Maruti Care Centre, Pilani	Skilled Based Training, Education, Research and Development and Employment	23.12.2019
17.	Ahuja Corporation Pvt Ltd Jaipur	Skilled Based Training, Education, Research and Development and Employment	24.12.2019
18.	ICE Make Refrigeration Ltd Ahmedabad	Skilled Based Training, Education, Research and Development and Employment	24.12.2019
19.	SHARK SHOPFITS Ltd Noida	Skilled Based Training, Education, Research and Development and Employment	03.01.2020
20.	BML Munjal University Gurugram	Skilled Based Training, Education, Research and Development and Employment	08.06.2020

REPORT ON ACADEMIC ACTIVITIES

ACADEMIC PROGRAMS

Following academic programs were offered by the University during the Academic Year 2019 – 20.

School	Program
Automotive Skills	B.Voc Automotive Skills
	M.Voc Automotive Skills
Computing Skills	B.Voc IT/ Networking Skills
	B.Voc Machine Learning & AI Skills
	M.Voc Embedded Systems & IoT
Construction Skills	B.Voc Construction Skills
Electrical Skills	B.Voc Electrical Skills
	B.Voc Renewable Energy Technology Skills
	M.Voc Smart Power System Skills
Entrepreneurship Skills	B.Voc Entrepreneurship Skills
	M.Voc Entrepreneurship Skills
Healthcare & Paramedics Skills	B.Voc Healthcare Skills
Hotel Management & Tourism Skills	B.Voc Hotel Management & Tourism Skills
Manufacturing Skills	B.Voc Manufacturing Skills
Metal Construction Skills	B.Voc Metal Construction Skills
Office Administration Skills	B.Voc Office Administration Skills
Refrigeration & Air Conditioning (RAC) Skills	B.Voc RAC Skills
	M.Voc RAC Skills
Woodworking Skills	B.Voc Woodworking Skills
	M.Voc Woodworking Skills
PhD in all relevant disciplines	

ADMISSIONS 2019 – 20

During the year 2019 – 20, total admissions to different programs at BSDU were as follows:

S. No.	Program	Admissions
B.Voc		
1	Automotive Skills	31
2	IT/ Networking Skills	9

3	Machine Learning & AI Skills	17
4	Electrical Skills	16
5	Renewable Energy Technology Skills	31
6	Entrepreneurship Skills	8
7	Healthcare Skills	23
8	Hotel Management & Tourism Skills	15
9	Manufacturing Skills	33
10	Metal Construction Skills	5
11	Office Administration Skills	3
12	Refrigeration & Air Conditioning Skills	15
13	Woodworking Skills	7
M.Voc		
1	Automotive Skills	2
2	Entrepreneurship Skills	4
3	Woodworking Skills	2
Ph.D.		
1	Ph.D in different disciplines	11

TEACHING-LEARNING & EVALUATION

The process of teaching learning and evaluation is conducted following the guidelines laid down by the Board of Studies. The schedules of all academic activities such as date of commencement and closing of classes, schedule of examinations, result declaration dates, and other co-curricular activities follow the Academic Calendar which is notified in advance. For the Academic Session 2019 – 20, the Academic Calendar was duly notified by the Registrar and the same is appended below.

During the year 2019 – 20, all academic activities were conducted as scheduled in the Academic Calendar till mid-March, 2020. During the orientation program, the newly admitted students were not only shown the facilities but were also required to carry out hands on practices in different labs and workshops to initiate the process of skilling. During this period, all in-semester and end-semester examinations were held as scheduled and the results were declared on time. The details of the results are presented in the report submitted by the examination section.

Internship is an important aspect of skill education being provided at BSDU because the students undertake industrial internships every alternate semester. The University has tie-ups

with more than a hundred Industries where the students carry out their internship. During the period under consideration, all students were placed for Industrial Internships and they received stipends ranging from Rs. 5000 to Rs. 20,000 per month for the period of internships. The assessments of the internships were done as per the laid down norms.

After the pandemic broke out, the academic calendar could not be followed strictly. All theory classes were held online. Evaluation was carried out through assignments and quizzes conducted online. Students were also guided for online courses at various platforms such as Coursera, Cisco Network Academy etc.

ANNUAL ACADEMIC CALENDAR 2019-20

Sem	Activity	Date
SUMMER SEMESTER	Admission Process (Summer)	20 May 2019 to 31 August 2020
	Orientation Program	22 July 2019 to 09 August 2019
	Last date for Payment of Tuition & Hostel Fees	31 August 2019
	Start of Classes	12 August 2019
	1 st In-semester Examinations	23 to 26 September 2019
	Mid-Semester Break	26 October to 03 November 2019
	2 nd In-semester Examinations	20 to 23 November 2019
	Last day of Instruction	10 January 2020
	End-semester Examinations	06 to 11 January 2020
	Last date of receiving Award Sheets	16 January 2020
	Annual Sports & Cultural Meet	18 to 30 January 2020
	Declaration of Results	27 January 2020
	Make-up Examinations	29 to 30 January 2020
	Result of Make-up Exams	01 February 2020
	Orientation for Industry Internship	27 January to 01 February 2020
	Industry Internship	03 February to 18 July 2020
	Contact Classes & Exams of GE Industry Assessment	20 July to 07 August 2020
	Start of Summer Academic Session 2020-21	10 August 2020
	WINTER SEMESTER	Admission Process (Winter)
Orientation Program		27 January 2020 to 15 February 2020
Last date for Payment of Tuition & Hostel Fees		15 February 2020
Start of Classes		17 February 2020
Mid-Semester Break		8 to 15 March 2020
1 st In-semester Examinations		7 to 10 April 2020
Tech-fest		18 to 19 April 2020
2 nd In-semester Examinations		26 to 29 May 2020
Cultural Fest		04 to 06 June 2020
Last day of Instruction		18 July 2020
End-semester Examinations		20 to 25 July 2020

Annual Sports Meet	27 July to 08 August 2020
Declaration of Results	29 July 2020
Make-up Examinations	31 July 2020 to 1 August 2020
Result of Make-up Exams	4 August 2020
Orientation for Industry Internship	4 to 7 August 2020
Industry Internship	10 August 2020 to 30 January 2021
Contact Classes & Exams of GE	01 to 12 February 2021
Industry Assessment	15 to 20 February 2021
Start of Winter Academic Session 2020-21	22 February 2021

CONFERENCES, SEMINARS AND TRAINING PROGRAMS

BSDU organises conferences and seminars at regular intervals to disseminate the updated knowledge and information to the staff and students. The trainers and the students are also encouraged to attend training programs to upgrade their skill. Some of these programs are enlisted below:

- ❖ **National Seminar on Advances in Manufacturing System:** The School of Manufacturing Skills and the School of Entrepreneurship Skills organized a two-day national seminar from 13 to 14 July 2019 in the campus. The seminar was organized in association with the Institution of Engineers (IoE), India on Advances in Manufacturing System and Composite Fabrication. The faculty and the research scholars of different institutions presented research papers on the theme in the seminar.
- ❖ **Two- Week Training on Automotive Spray Painting:** The Regional Training Centre of Axalta Coating Systems organized a two-week training program at Manesar, Gurugram on Automotive Spray Painting in July 2019. Two trainers and three students of the school enrolled in the training and upgraded their skills in the quoted theme.
- ❖ **Mahindra Skills Competition:** To hone the dexterity of the aspirants in manufacturing skills, the School of Manufacturing Skills organized Mahindra Skills Competition from 2-6 December 2019. Twelve students of SMS showcased their skills by participating in the contest and winners were awarded.
- ❖ **Training on Blum Fitting Products:** A two - days' workshop was conducted by the representatives of M/s BLUM Fittings in the School of Wood Working at BSDU from 3- 4 December 2019. The firm also sponsored some advanced fittings to the school and extended promising assurance for more sponsorship in future.
- ❖ **National Seminar on Advances in Manufacturing System and Composite Fabrication** 2 Days' National seminar organized jointly by School of Manufacturing Skills and School of Entrepreneurship Skills in association with the Institution of Engineers (India), Rajasthan State Centre on 13-14 July 2019 at BSDU Jaipur. The topic of the Seminar was "Advances in manufacturing system and composite fabrication". Faculty members of BSDU Jaipur and MNIT Jaipur presented papers in the seminar.

❖ **Workshop on “Design for Additive Manufacturing & Data Preparation for Metal Additive Manufacturing”** A Workshop on “Design for Additive Manufacturing & Data Preparation for Metal Additive Manufacturing” was organized by the School of Automotive Skills in collaboration with EOS, a global leader in 3D Printing

❖ **Soft Skills Training for Faculty and Students**

Soft Skills Training was organised on 02 and 03 Jan 2020 in BSDU, Jaipur for both the faculty and the students with special emphasis on Communication Skills, Personal Etiquette and Grooming. The training was conducted by subject experts from Nirmana Consultants and Shikhar Prajapati. All the participants found the training highly useful. Considering the importance of soft skills both in the personal and professional fronts, it is proposed to conduct soft skills training spread evenly throughout the Semester.



REPORT ON CO-CURRICULAR ACTIVITIES

SMART INDIA HARDWARE HACKATHON

Bhartiya Skill Development University (BSDU) was selected by the Ministry of Human Resource Development (MHRD) as a nodal centre to host the Grand Finale of the Smart India Hardware Hackathon 2019. BSDU was among the 18 nodal centres selected all across the country and probably the youngest among them. The event was organized from 8th to 12th July, 2019. BSDU hosted 14 teams from different parts of India. The teams worked on finding hardware solutions to practical problems provided by several Ministries such as the Ministry of Water Resources, Ministry of Coal, Ministry of Road Transport, Ministry of AYUSH, Ministry of Power, Ministry of Railways, Ministry of Textiles, and reputed Industries such as GE Healthcare, Shree Cement Ltd., Adani Group, and Dell EMC. The event was a grand success with whole hearted participation from the teams and logistic and infrastructural support provided by BSDU. The event was graced by several dignitaries who boosted the morale of the participants. The list of dignitaries included Prof. M P Poonia, Vice Chairman, AICTE, Prof. R L Raina, Vice Chancellor, J K Lakshmi Pat University, Jaipur, Mr. Rajeev Arora, Vice President, Rajasthan Congress Committee and Mrs. Deepa Mathur, Woman Activist. The winning teams were awarded cash prizes by Ministry of Water Resources, GE Healthcare and Dell EMC.

PARTICIPATION IN WORLD SKILL COMPETITION 2019 IN KAZAN, RUSSIA

BSDU had a significant presence in the World Skill Competition held between 22 – 27 August, 2019 at Kazan, Russia. Prior to the completion, some participants were trained at the Schools of Woodworking Skills and RAC Skills in collaboration with the concerned Sector Skill Councils. Following achievements are worth mentioning:

- Mr. Vikash Kumar Naga, a student of Woodworking Skills represented India at World Skill Competition (WSC) 2019 at Kazan Russia. He also participated at a Global event held in Melbourne, Australia.
- Mr. Ankit Anand trained at School of Woodworking Skills won medallion in Merchandising Trade at WSC 2019
- Mr. Narender Singh, Asst. Professor, School of Woodworking Skills was recognized as ‘Expert Faculty’ at WSC 2019

ANNUAL SPORTS CHAMPIONSHIP 2020

To imbibe the thought of healthy and zestful competition among students through sports activities, an Annual Sports Championship was organized from 23 January to 31 January 2020 in the campus. The event was inaugurated by President of the University. Dr Anil Rana, Principal, School of Woodworking Skills and Dean, Manufacturing assisted by Dr. C P Sharma, Sports Officer coordinated this sports championship in a very systematic way by dividing the games in teams (Tigers, Jaguars, Cougars, Panthers and Cheethas) and deputing their Coordinators.

There were five team events and many individual events namely Athletics (including Shotput, Discus and Javelin Throws), Badminton (Male/Female), Table Tennis and Chess. The team events were Football, Basketball, Cricket, Volleyball and Kabaddi. Students and staff members participated wholeheartedly in the events. The Champions Trophy was lifted by the team “Cougars”. The winners and runner ups were awarded with gold/silver medals and certificates. The volunteers and coordinators who supported the event were felicitated by Prof. Garg, Dean, Academics.

BLOOD DONATION CAMP

A Blood Donation Camp was organized at BSDU on 15 November 2019 in collaboration with SD Hospital, Jaipur. The staff and students of the School of Healthcare Skills, BSDU and the medical and paramedical staff of SD Hospital jointly supervised and conducted the event. 135 students and staff donated blood which was handed over to SD Hospital for the benefit of needy patients.

IN-SERVICE TRAINING PROGRAM FOR IAS AND CSS OFFICERS

BSDU hosted a one-week In-Service Training Program on Skill Development, Employability and Entrepreneurship for IAS and CSS Officers from 21-25 October 2019. The Program was sponsored by the Department of Personnel & Training (DoPT), Govt. of India and conducted by the Ministry of Skill Development & Entrepreneurship (MSDE). It was organized under the workmanship of Dr. Jyotsna Sitling, Joint Secretary and coordinated by Prof. Kumkum Garg, Dean, Academics of BSDU.

All the participants availed themselves of various training sessions delivered by eminent delegates from different states on Industry 4.0, Role of NSDC in the Skills Ecosystem, National Apprenticeship Programme Scheme (NAPS), Role of Regulatory Bodies (NCVET, NQAF and NSQF) Schemes like DDUGKY (Deen Dayal Upadhyay Gramin Kaushal Yojana) and NULM (National Urban Livelihood Mission).

SKILL AWARENESS AND SKILL EXTENSION PROGRAMS

BSDU believes and prides itself being a facilitator of skilling process for the awareness of the society. With this objective, the following event were organized during the session 2019 – 20 to extend the process of skilling to different sections of society:

TRAINING PROGRAM FOR DEPENDENTS OF EX-SERVICEMEN

A one-month training program, sponsored by REXCO (Rajasthan Ex-Serviceman Corporation Ltd), was conducted BSDU from 6 Nov.- 6 Dec. 2019 to train the dependents of ex-servicemen. The program was sponsored by REXCO (Rajasthan Ex-Serviceman Corporation Ltd) to train them on basic skills of woodworking and plumbing. The training sessions were conducted on various sub themes such as basic hand skills, use of hand tools, materials, power tools, basic hand drawing, introduction to stationary machines and cost estimation subjects. Brig. Raja Balwada, the Managing Director of REXCO, graced the valedictory function and awarded the

participants with certificates of Level-3 certified by National Skill Qualification Framework and BSDU on 6 December 2019.

SKILL TRAINING ON REPAIR OF TWO-WHEELERS

School of Automotive Skills imparted training on repair of two-wheelers from 20 February to 4 March 2020. The training program was sponsored by Hero Motocorp. 12 school drop-outs from different states attended the program and were trained on the basics of repair of two-wheelers. They were certified jointly by Hero Motocorp and BSDU.

TRAINING PROGRAM OF ASSESSORS

Under the aegis of Power Sector Skill Council, a seven-day Training of Assessors Program (TOA) on Power Distribution Job Roles was organized by the School of Electrical Skills from 16 to 22 December 2019. 42 engineering graduates and experienced diploma holders from different industries and companies of various states of the country participated in the ToA. The participants were trained in the objectives of PSSC, Need of Certified Assessors, QP/NOS based Training Delivery and Skill Ecosystem in India, Roles and responsibilities of MSDE, NSDC, PSSC, NSDA, TPs, Abs, Power Sector Scenario, power generation – centers/state/private sector, function performed by Generating companies of state level, Electricity Regulations relevant to Power Generation: Central Electricity Authority, Electricity Act 2003, Erection and Maintenance of Power Distribution Lines, Erection of Pole Mounting Distribution Substation and Components etc.

PRINCIPALS' MEETS

Two Principal Summits were hosted by BSDU in the month of August 2019. In collaboration with RCSE, a School Principals' meet titled 'Vaak Peeth Sangosthi' was organized on 8 – 9 August, 2019. 'Kaushal Samvad' was organized on 21 August 2019 on behest of the Department of Skill, Employment & Entrepreneurship and the ITI Principals attended the program. BSDU's mission of skilling the youth was presented before the Principals for conveying the same to their students.

VARIOUS OTHER EVENTS

A number of events are conducted round the year at BSDU to celebrate or commemorate important occasions. The students and staff participate enthusiastically to make these events successful. Some of these events celebrated during the session 2019 – 20 are enlisted below:

INDEPENDENCE DAY CELEBRATION

On 15 August 2019, the 73rd Independence Day of the nation was celebrated with a great zeal and enthusiasm by all the students and faculty members in the institute. All the members of management along with the staff and the students extended salute to the martyrs of the nation. The program ended with sweets distribution to all attendees.

TEACHERS' DAY

Teacher's day was celebrated in the institute on 5 September 2019 to commemorate the birthday of former President and visionary Dr. S. Radhakrishnan. Students of the university organized functions in their respective schools to celebrate the day.

REPUBLIC DAY CELEBRATION

On 26 January 2020, the 71st Republic Day was celebrated with enthusiastic participation from all the students and staff. The National Flag was hoisted and the significance of the Day was elaborated before the attendees. The program concluded with sweet distribution among the students and staff present on the occasion.

INTERNATIONAL WOMEN'S DAY CELEBRATION

Honouring the social, economic, cultural and political accomplishment of women, BSDU celebrated the International Day for Women on 7 March 2020 on the theme *Each for Equal*. A program was organized and attended by female faculty members and staff and many of them shared their opinions and thoughts on the theme. The program was followed by cultural activities and refreshments.

CAKE MIXING CEREMONY

International Cake Day was celebrated at BSDU on 26 November 2019 by organizing a Cake Mixing Ceremony. The ritual, also 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 the harvest season in Europe.

TREE PLANTATION DRIVE

Bhartiya Skill Development University today organized a tree plantation drive in the memory of Chairman and Founder, Dr. Rajendra Kumar Joshi at its campus in Jaipur. Students and faculty planted over 300 trees around the BSDU campus. Students were then assigned as guardians of one plant each wherein they will look after these plants as they grow and make sure that the plants are being watered regularly and cared for. BSDU's Vice Chancellor and other faculty members were present at the event.

The plantation drive was organized by BSDU in memory of its mentor and guide, Dr. Rajendra Kumar Joshi. He was a role model to the university who worked every single day for the betterment of the country and the youth at large. Dr. Joshi has left behind his legacy of empowering the youth of India by skilling them.

REPORT ON ACTIVITIES OF THE FACULTY/SCHOOLS/DEPARTMENT

SCHOOL OF AUTOMOTIVE SKILLS

Vision

To develop the School as a centre of excellence and establish it as a benchmark for skills training in the field of after sales service of Automotive sector

Mission

To impart knowledge, technical skills and hands-on training in automobiles to create a benchmark in skill development by developing a work force having an ideal blend of technical skills and managerial expertise

About the School

The School of Automotive Skills came into existence in 2017. The B. Voc./ M.Voc. program is designed to introduce the students to the operations of today's complex vehicles by giving them a comprehensive understanding of automotive systems such as Transmission, Brakes, Steering and Suspension, Electrical and Electronics, and Engine Performance. Students under these program acquire the necessary skills to identify and repair mechanical and computer controlled electronic systems on the latest models of automobiles.

Academic Activities

A two-week training program on Automotive Wheel Care

The School of Automotive Skills conducted a two-week training program for the students who were selected by Fleeca India Pvt. Ltd. in the month of July 2019. Eight students were trained on Automotive Wheel Care and they were certified and assessed separately by Flecca and BSDU.

A Two- Week training on Automotive Spray Painting

The Regional Training Centre of Axalta Coating Systems organized a two-week training program at Manesar, Gurugram on Automotive Spray Painting in July 2019. Two trainers and three students of the school enrolled in the training and upgraded their skills in the quoted theme.

Inauguration of Hero Motocorp, Centre of Excellence & Training

- The School of Automotive Skills accepted the proposal of Hero Motocorp for establishing Hero Centre of Excellence for Training in Two Wheeler in the campus of BSDU. The company provided equipment of Rs. 25 Lakhs for quick functioning of the laboratory to facilitate the smooth conduct of training in the campus.
- *Hero Motocorp, Centre of Excellence* for training in two wheelers was inaugurated on 22 February 2020, in the presence of Mr. Vijay Sethi, Head CSR, HR Hero Motocorp., Mr. Rajesh Mukhija Advisor CSR, Hero Motocorp, and the management of BSDU.
- Skills training session sponsored by Hero Motocorp was held at *Hero Centre of Excellence* BSDU from 20 February to 4 March 2020. 12 candidates participated from Rajasthan and Bihar and were certified jointly by Hero Motocorp. and BSDU.

- Skills training in *Automotive Wheel Care* was imparted to four candidates in Fleeca India Pvt. Ltd. for two weeks in March 2020 and were assessed and certified jointly by BSDU and Fleeca.

Webinar

Col. Sanjay Gangwar, Principal of the School presented a webinar on *Empowering Youth in a Career of Opportunities: Automotive Sector*. It focused on Skilling as a necessity in the Automotive sector, teaching pedagogy and state of the art infrastructure at School of Automotive Skills and a career in the Automotive Sector.

Research Initiatives

Papers Presented

Dr Ankur Sagar and K. Kodihal

- **Title of Paper:** A Study and Mathematical Analysis of Thermionic Energy Conversion Materials Based on Their Solid State Emission Properties
Venue & Date: International conference, 3rd Edition Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility- ADMMS 2019 on 11-12 October 2019 in Chennai
- **Title of Paper:** Prototype Design of a Small Scale Thermionic Energy Generator for Waste Heat Recovery in Hybrid Electric Vehicle (Best Paper Award)
Venue & Date: International conference, 3rd Edition Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility- ADMMS 2019 on 11-12 October 2019 in Chennai
- **Title of Poster:** Automotive Thermionic Regeneration System (Bagged 2nd Prize)
Venue & Date: NuGen Mobility Summit 2019 held at ICAT Centre, Manesar Gurugram on 27 - 29 November 2019

Papers Published

Kodihal, K. and Sagar, A.

- **Title of Paper:** A Study and Mathematical Analysis of Thermionic Energy Conversion Materials Based on their Solid State Emission Properties
Journal: SAE Technical Paper 2019-28-0084, 2019
- **Title of Paper:** Prototype Design of a Small Scale Thermionic Energy Generator for Waste Heat Recovery in Hybrid Electric Vehicle
Journal: SAE Technical Paper 2019-28-0027, 2019

SCHOOL OF COMPUTING SKILLS

About the School

The School of Computing Skills offers skill based programs in two important areas of Computing, viz., IT/Networking and Machine Learning (ML) & Artificial Intelligence (AI). The School has state-of-the-art laboratories and equipment and highly qualified faculty and trainers, making it possible to provide the best-in-class training to students. The Bachelor of Vocation (B.Voc) Programs, one in IT/Networking and the other in ML & AI are very popular with the students, as these are computing skills that are very much in demand by the industry today.

Academic Activities

- ❖ During the lockdown, the School of Computing Skills conducted various activities in addition to online classes. Google Meet, Google Classroom and Zoom Meet were used to conduct online classes. Assignments were given to students as per requirement of topics and quizzes were conducted to evaluate the progress of students. Supportive notes and PPTs were also provided to students. The faculty guided students to enroll in online courses related to their courses/topics offered by *Coursera*. Students interning at industries were guided for online courses at various platforms such as Coursera, Cisco Network Academy.
- ❖ IT-Service Department under the School monitored the IT infrastructure at both campuses, provided solutions, to staff and students and regularly updated the BSDU website.
- ❖ *Learning Management System Moodle* is implemented for Online Examination and Online admission test for new students. The School has been using *Learning Management System (LMS)* on campus for learning and teaching purpose.
- ❖ Attendance module of *Enterprise Resource Planning* was developed and tested by the school during the lock down period.
- ❖ The School implemented an in-house system for conducting online entrance test, named as BSDU Common Admission Test 2020.
- ❖ The faculty earned certificates by attending webinars and quizzes, MOOC programs on Coursera and Cisco Network Academy.
- ❖ The School conducted online quizzes on computing for class XII students, diploma and ITI students and issued certificates.

Webinar

Prof. Anurag, Principal of the School presented a webinar on ***Computing Technology: Innovation, Automation & Industry*** in which he discussed how computing technology is changing industry and lifestyles. Certificates were distributed to the participants.

SCHOOL OF CONSTRUCTION SKILLS

Vision

Global excellence in Construction Skills

Mission

To create opportunities and conducive environment for developing the construction skills of the students to make them globally employable and to develop the School as a choice destination for construction skills education and research

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.

Research Initiatives

Papers Published

Prof. Ram Adhar Dubey

- **Title of the paper:** Planning of Rainwater Harvesting Scheme for BSD University: A Case Study.

Journal: Proceedings of the conference held on the theme *Artificial Recharge of Ground Water and its Role in Water Management*, 9 Nov. 2019, The Institutions of Engineers, Jharkhand



SCHOOL OF ELECTRICAL SKILLS

Vision

Promoting excellence in Electrical Skill Education in an integrated and holistic manner

Mission

To provide quality skill education for meeting the present and future necessities of industry; to enhance and reorganize education in close interaction with industries

About the School

The School was established in July 2017 to impart quality education and extensive hands-on training in electrical laboratories and industries. It offers a vibrant environment for the students to be trained with expertise and complete know-how, based on the Swiss Dual System of training. This pattern combines theory and job oriented hands-on training skills for installation and commissioning, maintenance and testing of electrical systems in domestic, commercial and industrial sectors. The School offers Programs leading to:

The Renewable Energy Technology (RET) skill program, started in July 2018, aims to impart quality education with extensive hands-on training in renewable energy technologies and energy conservation. RET presents scientific and technological opportunities in design, creativity, commercialization and business development.

The Smart Power System incorporates controllers and information & communication technologies in electrical power systems to create a smart grid in terms of infrastructure. The smart power system utilizes real time data monitoring and control techniques to create efficient, reliable and responsive networks. The M. Voc. (Smart Power System) program was began in the academic session 2018-19. The main focus of the program is to deliver real-time monitoring, control and advanced protection techniques to enhance reliability and security of the power networks. The program is committed towards network management, smart metering, efficient transmission and distribution of power. The School offers a Ph.D. program in the areas of power system, renewable energy technology and smart grid.

Academic Activities

A Seven-day Training Program of Assessors (ToA)

Under the aegis of Power Sector Skill Council, a seven-day Training of Assessors Program (TOA) on Power Distribution Job Roles was organized by the School of Electrical Skills from 16 to 22 December 2019. 42 engineering graduates and experienced diploma holders from different industries and companies of various states of the country participated in ToA.

The inaugural function of the training program was graced by Prof. Achintya Choudhury, the Vice Chancellor of BSDU, Dr. Somnath Mishra, the Registrar, Prof. (Dr.) S. K. Jhajharia, the Principal, School of Electrical Skills, distinguished resource persons, invited guests and participants. All the dais bearers of the program in their address emphasized the importance of training program and various aspects of skills in Power Distribution Job Roles. The participants were trained in the Objectives of PSSC, Need of Certified Assessors, QP/NOS based Training Delivery and Skill Ecosystem in India, Roles and responsibilities of MSDE,

NSDC, PSSC, NSDA, TPs, Abs, Power Sector Scenario, power generation – centers/state/private sector, function performed by Generating companies of state level, Electricity Regulations relevant to Power Generation: Central Electricity Authority, Electricity Act 2003, Erection and Maintenance of Power Distribution Lines, Erection of Pole Mounting Distribution Substation and Components etc.

- ❖ The School organized a four- day workshop on *Renewable Energy Technology Skills* for M/s Elecon Pvt. Ltd. from 25-28 February 2020. The workshop was conducted by Dr. Pancham Kumar and Mr. Kuldeep Kumar which was highly appreciated by the management of M/s Elecon.
- ❖ A lecture series was delivered by **Dr. Satyendra Singh** in the Faculty Development Program on *Recent Trends in Power Systems and Power Electronics* sponsored by TEQIP-III at Govt. Engineering College Bharatpur, Rajasthan from 6-11 January 2020 on Deregulation and Restructuring, Power Markets: Energy and Ancillary Service Markets and Indian Energy Exchange Market.
- ❖ The faculty submitted two projects to Electronics Sector Skills Council of India seeking funds. These projects were designed to impart electrical skills training to the students of engineering colleges.
- ❖ To provide better understanding and skill based knowledge, the students were taught and trained via online lectures and videos for the conduct of experiments during the Covid- 19 lockdown period.
- ❖ Three students of M.Voc. viz. Ms. Surbhi Pareek, Mr. Yaduvendra Singh Rawat and Mr. Anil participated in SPARC sponsored workshop on **Design, Control and Operation of Flexible Micro-grids with Opportunities and Challenges** held at Malviya National Institute of Technology Jaipur, Rajasthan from 4-8 March 2020.
- ❖ Students of the School attended webinars, quizzes and online courses during lockdown period. The themes of these events were on design of solar home, battery management, power system protection, resume building, interview skills and many more.
- ❖ Mr. Akashay Sahni visited *Schneider Electrical Ltd.*, Jarod, Vadodara, Gujarat (17-19 Feb. 2020) for acceptance trials of 1.6 MVA and 1 MVA transformers.

Webinar

Comde. (Dr) Jawahar M Jangir presented a webinar on *Promising Career Options: Focus on Electrical/Renewable Energy* on 29 May 2020. The webinar highlighted the importance of skills for growth and development of the country, growth in the power and renewable energy sectors, job opportunities and career options in Electrical and RET Skills, infrastructure of the School and on internships and placements.

Research Initiatives

Paper Presented

N. Hadiya, F. Teotia, R. Bhakar, P. Mathuria and S. Vyas

- **Title of the Paper:** Identifying the Potential for Peer-to-Peer Trading of Rooftop Solar Power for Indian Scenario

Venue & Date: 8th International Conference on Power Systems (ICPS), Jaipur, India, 2019, pp. 1-6, doi: 10.1109/ICPS48983.2019.9067709.

S. Sreekumar, K. C. Sharma, R. Bhakar, S. Chawda, F. Teotia and V. Prakash

- **Title of the Paper:** Deviation Charge Reduction of Aggregated Wind Power Generation using Intelligently Tuned Support Vector Regression

Venue & Date: 8th International Conference on Power Systems (ICPS), Jaipur, India, 2019, pp. 1-6, doi: 10.1109/ICPS48983.2019.9067681

Satyendra Singh and Manoj Fozdar

- **Title of the Paper:** Double Sided Bidding Strategy in a Day-Ahead Electricity Market

Venue & Date: 8th International Conference on Power Systems, 2019, Malaviya National Institute of Technology Jaipur, Jaipur, India, December 20-22, 2019, DOI: 10.1109/ICPS48983.2019.9067739

Ms. Falti Teotia

- **Title of the Paper:** Deviation Charge Reduction of Aggregated Wind Power Generation using Intelligently Tuned Support Vector Regression

Venue & Date: ICPS 2019: 8th International Conference on Power Systems, Malaviya National Institute of Technology Jaipur, Jaipur, India, December 20-22, 2019

Sujil, A., Rajesh Kumar, and Ramesh C. Bansal

- **Title of the Paper:** Markov Chain Monte Carlo Sampling Based Bayesian Multivariate Linear Spline Load Forecasting Agent for Smart Microgrid Energy Management System.

Venue & Date: 8th Renewable Power Generation Conference (RPG 2019), Shanghai, China, 2019, pp. 1-6, doi: 10.1049/cp.2019.0673.

Dr. Satyendra Singh

- **Title of the Paper:** Double Sided Bidding Strategy in a Day-Ahead Electricity Market

Venue & Date: ICPS 2019: 8th International Conference on Power Systems, Malaviya National Institute of Technology Jaipur, Jaipur, India, December 20-22, 2019

- **Title of the Paper:** Supplier's Strategic Bidding for Profit Maximization with Solar Power in a Day-Ahead Market

Venue & Date: MoSICom International Conference on Modelling, Simulation & Intelligent Computing, Dubai, 29-31 January 2020

Dr. Ritu Tak

- **Title of the Paper:** Performance Analysis Permanent Magnet Synchronous Motor Drives with Pulse Width Modulation Control Technique

Venue & Date: International Conference on Smart Energy and Communication "ICSEC 2020" at Poornima Jaipur.

Surbhi Pareek, Sujil A., Saurabh Ratra, and Rajesh Kumar

- **Title of the Paper:** Electric Vehicle Charging Station Challenges and Opportunities: A Future Perspective

Venue & Date: International Conference on Emerging Trends in Communication, Control and Computing (ICONC3), pp. 1-6. DOI: 10.1109/ICONC345789.2020.9117473

M. Sheoran, S. Sharma, P. Kumar

- **Title of the Paper:** A compatible standard policy measure to tackle solar photovoltaic waste in Indian scenario

Venue & Date: Journal of Physics: Conference Series- National Conference on Recent Advancement in Physical Sciences (NCRAPS-2019), vol. 1504, p. 012012, Mar. 2020. DOI:10.1088/1742-6596/1504/1/012012

Papers Published

Sujil, A., Rajesh Kumar, and Ramesh C. Bansal

- **Title of the Paper:** FCM Clustering-ANFIS-based PV and wind generation forecasting agent for energy management in a smart microgrid
Journal: The Journal of Engineering 2019, no. 18 (2019): 4852-4857

P. Ranjan, P. Kumar, T. Chakraborty, M. Sharma, and S. Sharma

- **Title of the Paper:** A study of structure and electronic properties of chalcopyrites semiconductor invoking Density Functional Theory
Journal: Materials Chemistry and Physics, vol. 241, p.122346, Feb 2020

Satyendra Singh and Manoj Fozdar

- **Title of the Paper:** Double-sided bidding strategy for power suppliers and large buyers with amalgamation of wind and solar based generation in a modern energy market
Journal: IET Generation, Transmission & Distribution, Vol. 14 (6), pp 1031-1041, 12 March 2020 DOI: 10.1049/iet-gtd.2019.0570

Satyendra Singh and Manoj Fozdar

- **Title of the Paper:** Supplier's Strategic Bidding for Profit Maximization with Solar Power in a Day-Ahead Market
Book: Patnaik S., Yang XS., Sethi I. (eds) Advances in Machine Learning and Computational Intelligence. Algorithms for Intelligent Systems. Springer, Singapore.

M. Sheoran, S. Sharma, P. Kumar

- **Title of the Paper:** Life Cycle Reassessment Strategy for Existing Bulk and Thin-Film Photovoltaic Materials in Indian Context
Book: Favorskaya M., Mekhilef S., Pandey R., Singh N. (eds) Innovations in Electrical and Electronic Engineering. Lecture Notes in Electrical Engineering, vol 661. Springer, Singapore.

C. Prakash, Sujil A., R. KumarMittal

- **Title of the Paper:** Linear Prediction Model for Joint Movement of Lower Extremity
Book: Sa P., Bakshi S., Hatzilygeroudis I., Sahoo M. (eds) Recent Findings in Intelligent Computing Techniques. Advances in Intelligent Systems and Computing, vol. 707. Springer, Singapore.

O.J. Shukla, G. Soni, R. Kumar, Sujil A., S. Prakash

- **Title of the Paper:** An Agent-Based Simulation Modeling Approach for Dynamic Job-Shop Manufacturing System
Book: Yadav N., Yadav A., Bansal J., Deep K., Kim J. (eds) Harmony Search and Nature Inspired Optimization Algorithms. Advances in Intelligent Systems and Computing, vol. 741, Springer, Singapore.

SCHOOL OF ENTREPRENEURSHIP SKILLS

Vision

The School envisions creating a collaborative learning environment that connects people of varying expertise with the purpose of developing and sustaining an innovative learning community

Mission

The School aims to transform each individual into their finest self, to hone self-worth, articulateness, interpersonal intelligence, and entrepreneurial mind-set, essential for success.

About the School

The School of Entrepreneurship Skills imparts research-led quality knowledge, technical skills and hands-on-training which has an immense scope in the Entrepreneurship Skill Sector

Academic Activities

❖ THT Lab in Beauty & Wellness

The school was being established with “**Center of Excellence**” in collaboration with Orane International (Chandigarh) as Industry Knowledge Partner to provide high quality training to the admitted students. The well-equipped lab with state-of-the-art machines, equipment's and training kits give students to learn in live environment.

- ❖ ITI Principal's Summit was organized by the SES, BSDU on August 22, 2019 which was presided by the former Chairman of Rajasthan ILD Skill University and RSLDC, Dr. Lalit. K. Panwar and Mr. Naveen Jain respectively.
- ❖ Centre of Excellence in Beauty & Wellness, School of Entrepreneurship Skills was established on August 26, 2019 with Orane International as the Knowledge Partner.
- ❖ The conference “Scaling Rajasthan Conclave-2019” was organized on September 21, 2019 by Business Rankers and RSLDC, Govt. Of Rajasthan, in which fruitful discussions on Skill Development and Entrepreneurship were held in various sessions
- ❖ Dr. Ravi Kr, Goyal, Principal, SES participated in Erasmus and staff mobility in Green Erasmus at Bannat's University of Agricultural Sciences and Veterinary Medicines, Timisoara, Romania, Europe. The duration of the event was from Sept. 27,2019 to Dec. 02, 2019.
- ❖ **Entrepreneurship Awareness Camp 2019 Sponsored by EDII, Ahmedabad under DST-NIMAT Project 2019-20.**: Eminent speakers were invited to deliver special lectures to enable the students gain knowledge about various Entrepreneurial initiatives carried out and the best practices adopted by the prominent bodies including EDII, Ahmedabad.
- ❖ **Selection & Recognition of Students Internship Program:** Offer Letters were granted to the SES students who were selected for the abroad internship on *14th December, 2019*. Nine students were selected for their internships abroad at the European countries like Romania and Moldova.
- ❖ Dr. Ravi Kr. Goyal, Principal, SES participated in the 3rd Annual Higher & Technical Education and HR Conclave, Rajasthan on *Dec. 16-17, 2019* inaugurated by the Chief Minister of Rajasthan, Mr. Ashok Gehlot and Chairman, AICTE Prof. Anil Sahasrabudhe.

- ❖ Dr. Ravi Kr. Goyal, Principal, SES participated in the Rajasthan Innovation Mission, held at Jaipur on *Jan 17th, 2020*. The event was organized by Rajasthan Skill & Livelihood Development Corporation (RSLDC), Govt. Of Rajasthan and was presided by the Skill Minister of Rajasthan, Mr. Ashok Chandana, Ministry of Industry Development & State Enterprise, Mr. Parsadi Lal Meena and Minister of Women & Child Development, Mrs. Mamta Bhupesh.
- ❖ The students and faculty members of SES participated in Rajasthan Innovation & Start-up Expo 2020, inaugurated by the Chief Minister of Rajasthan, Mr. Ashok Gehlot.
- ❖ Various projects were prepared by the students under the guidance of their faculty members, that were displayed at the innovation and start-up expo, organized at MNIT, Jaipur.
- ❖ Expert Workshop was conducted on Understanding the Patent Filing Workshop. In this expert, the subject experts gave knowledge about the intellectual property rights, patents and trademarks and the process of filing them.
- ❖ The online workshop was attended by the students of SES along with various other students of different universities PAN India.
- ❖ Participation in the Panel Discussion on “The Unconventional Track of Career Building”, by Dr. Mredu Goyal, Asst. Professor, organized by the LinkedIn Local, Jaipur on March 06, 2020.
- ❖ The SES, BSDU organized an online quiz on Aatmnirbhar Bharat on April 20th, 2020, focusing on self-reliance and entrepreneurship initiatives. The e-quiz was circulated to thousands of budding entrepreneurs, students and working professionals
- ❖ The School of Entrepreneurship Skill, Bhartiya Skill Development University (Jaipur) organized “E-Quiz on Entrepreneurship” in association with The Institution of Engineers (India), Rajasthan State Center Jaipur and Global Foundation for Skill Development and Entrepreneurship from 23 May - 2 June 2020.
- ❖ School of Entrepreneurship Skills, Bhartiya Skill Development University Jaipur in association with Management & Entrepreneurship and Professional Skills Council (New Delhi), MSME- DI, Government of India & Global Foundation for Skill Development and Entrepreneurship is organizing "E-quiz on Vocal for Local: The Self Reliance Mantra".
- ❖ A series of e-webinars was hosted by School of Entrepreneurship Skills during the month of June and July 2020. The Faculty members of the School, Dr. Rajdeep Deb, Dr. Anil Aggarwal, Dr. Mredu Goyal and Dr. Shekhar Kapoor were the resource persons. Total 4 e-webinars were conducted focusing upon Lean Start-ups and Entrepreneurial Skills.
- ❖ **A three-day Entrepreneurship Awareness Camp**
NSTEDB and Department of Science & Technology (DST), Govt. of India sponsored a 3-day Entrepreneurship Awareness Camp which was held in the BSDU on 26-28 December 2019.
- ❖ The School organized a one - day workshop on ***India’s Skill Competition, Rajasthan*** in association with *National Skill Development Corporation (NSDC)* and *Rajasthan Skill & Livelihood Development Corporation (RSLDC)* on 13 January 2020 and another workshop on ***Understanding the Patent Filing Process*** on 18 February 2020 in which Mr. Govind Sharma, Ex. Chief, NRDC, New Delhi was the resource person.
- ❖ The School organized a visit of the officials from the Leadership team of the *National Skill*

Development Corporation (NSDC), New Delhi on 20 January, 2020 at the BSDU campus.

- ❖ The School organized E- quizzes and online contests to enhance the creative skills of the students during lockdown viz. *Writing Karo Na, Painting Karo Na* and many more.
- ❖ The School organized a series of webinars during the lockdown period on skills enhancement, management and research.

❖ **National Seminar with IoE**

The School of Manufacturing Skills and the School of Entrepreneurship Skills organized a two-day national seminar from 13 to 14 July 2019 in the campus. The seminar was organized in association with the Institution of Engineers (IoE), India on Advances in Manufacturing System and Composite Fabrication. The faculty and the research scholars of different institutions presented research papers on the theme in the seminar

❖ **Selection of Students for IOP in Europe**

To offer intercultural ambience for learning the modern approaches and techniques of business, four students of SES were selected for IOP at Agricultural State University of Moldova, Europe.

❖ **Inauguration of School of Beauty & Wellness, COE**

The *Centre of Excellence, School of Beauty and Wellness* in the School of Entrepreneurship Skills was inaugurated on 7 January 2020 by Shri Tika Ram Jolly, Hon'ble Minister, Labour (Independent Charge).

❖ **Visits**

As part of the International Program on *Innovative Leadership for Organization Growth and Excellence (ILOGE)* organized by the *National Institute for Entrepreneurship and Small Business Development (Niesbud)* Noida, 40 participants from 27 countries visited BSDU campus on 5 March 2020 and gained an insight into the entrepreneurial culture and blue-collar incubation practices in the University.

Memoranda of Understanding

- ❖ Sector Skill Council: The School has signed an MoU with Management & Entrepreneurship and Professional Skill Council (MEPSC), New Delhi to focus on establishing an effective and efficient eco-system for imparting skill development training program in the Management and Entrepreneurship domain. The MoU also aims at development of relevant curriculum, courses, information database, delivery system, standardization, accreditation and certification processes to enhance the employability.
- ❖ Orane International: An MoU with ORANE International, Chandigarh has been signed to provide best in class vocational training and offer industry oriented training linked to jobs and employability in the beauty and wellness sector through globally and nationally recognised courses covering entire range from Certificate to Post Graduate programs through more than 80 state of the art facilities in India.
- ❖ BUASVM, Romania: The School signed an MoU with Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara for Student and faculty exchange for the SES.

Professional Body Association

- ❖ Rajasthan Skill & Livelihoods Development Corporation

- ❖ Employer Association of Rajasthan
- ❖ Institution of Engineers
- ❖ Management & Entrepreneurship and Professional Skills Council (MEPSC)

Achievement of the School

The Institution Innovation Council, MHRD Innovation Cell granted a 4.5 star rating out of the 5-star rating, to the IIC, Bhartiya Skill Development University for its exemplary performance during the activities conducted in the academic session 2019-20.

Webinar

Dr. Ravi Goyal, Principal of the School presented a webinar on the topic ***Importance of Skill Education and Entrepreneurship: BSDU Model***. It highlighted the Startup Entrepreneurship with focus on innovation, creativity and design thinking, unique modular entrepreneurship- UG and PG Program with emphasis on startup incubation, infrastructure, facilities, THT Labs, etc. for specialized skill training and international collaboration and internships abroad program.

Research initiatives

Papers Presented

Dr. Ravi Goyal and Dr. Mredu Goyal

- **Title of the Paper:** “Modeling the relationship of antecedents to sustainable green decisions”

Venue & Date: International Scientific Symposium Bannat’s University of Agricultural Sciences and Veterinary Medicines “King Michael I of Romania”, Timisoara, Romania, Europe in collaboration with SZENT ISTVAN UNIVERSITY, University of NOVI SAD, State Agrarian University of Moldova, SCDA Lovrin, Romanian Academy, 2019

Dr. Mredu Goyal

- **Title of the Paper:** “Sustainable Green Decisions: An Exploratory Study”

Venue & Date: 3rd Annual Seminar on Rajasthan 2030, “Redesigning Human Presence on Earth: Let’s Begin with Rajasthan (A community approach to SDGs), Jaipuria Institute of Management, Jaipur held on 7-8 December, 2019

Dr. Ravi Kumar Goyal

- **Title of the Paper:** Assessment of rolling loads accomplished by AISI60 steel cold deformation.

Venue & Date: International Conference on Contemporary Trends in Management, Technology and Engineering, held on 18th April 2020.

Dr. Mredu Goyal

- **Title of the Paper:** “Exploring the antecedents of green consumption intention: a sustainable business model for food aggregators”

Venue & Date: International Conference on “Innovations in technology, Management and Design for Achieving Sustainable Development Goals” J K Laxmipat University, Jaipur on February 7-8, 2020.

Papers Published

Dr. Mredu Goyal

- **Title of the Paper:** Swiss-Dual System: Career Management Through Skill Development
Journal: Inspira Journal Of Modern Management And Entrepreneurship (JMME) Volume 09 No. 4 Issue October, 2019
- **Title of the Paper:** Modeling the Relationship of Consumer Engagement and Brand Trust on Social Media Purchase Intention-A Confirmatory Factor Experimental Technique.
Journal: International Journal of Engineering and Advanced Technology (IJEAT)(SCOPUS INDEXED) ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019. DOI: 10.35940/ijeat.F1163.0986S319.

Swarupa, S. Glory and Goyal, Ravi Kumar

- **Title of the Paper:** “Entrepreneurial Intentions of Students: Review of Academic Literature”
Journal: International Journal of Scientific & Engineering Research, January 2020, Volume 11, Issue 1, Page: 1146-68. ISSN-2229-5518
- **Title of the Paper:** “Corporate Social Responsibility for Scaling up Skill Development in India: An Exploratory Study”,
Journal: International Journal of Advanced Science and Technology, June 2020, Vol. 29, No. 11s, (2020), pp. 625-633. ISSN- 2207-6360

Dr. Mredu Goyal and Dr. Ravi Kumar Goyal

- **Title of the Paper:** “Exploring the Antecedents of Green Consumption Intention: A Sustainable Model for Food Aggregators”
Journal: Pragmaan 2020 of International Conference on Innovations in Technology and Management for Achieving Sustainable Development Goals, on February, 7-8, 2020 at JK Lakshmipat University, Jaipur.

Reshu Gupta, Dr. Ravi Kumar Goyal, Dr. Pallavi Agarwal, Vishal Varma

- **Title of the Paper:** "India's Fight Against Covid-19: Day to Day Comparative Progress by Graphical Representation- Study of Lockdown 1.0 & 2.0"
Journal: International Journal of Advanced Research, Volume 8, Issue: May 2020, ISSN: 2320-5407, 2020

Vishal Varma, Dr. Ravi Kumar Goyal, Dr. Pallavi Agarwal, Reshu Gupta

- **Title of the Paper:** "Contemporary Analysis of Economic Status of India & Need of Skill Mapping"
Journal: International Journal of Advanced Research, Volume 8, Issue: June 2020, ISSN: 2320- 5407, 2020

Dr. Shekhar Kapoor

- **Title of the Paper:** Utilization of X-Ray in Beauty, Art and Architectural Entrepreneurship
Journal: International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020. e-ISSN: 2319-8753; p-ISSN: 2320-6710. Impact Factor 7.512.

Dr. Shekhar Kapoor & Dr. Ravi Kr. Goyal

- **Title of the Paper:** Microbial Biotransformation of Chemical Compounds to Obtain Commercially Useful Drugs-An Industrial Management Basis
Journal: International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020. e-ISSN: 2319-8753; p-ISSN: 2320-6710. Impact Factor 7.512.

Dr. Ruchi Sharma, Dr. Shekhar Kapoor, Dr. Ravi Kr. Goyal

- **Title of the Paper:** The Journey of Milk from Animal (Usually Cow and Cattle) Udder to Market to Homes: The Part of a Dairy Entrepreneurship Scheme
Journal: International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020. e-ISSN: 2319-8753; p-ISSN: 2320-6710. Impact Factor 7.512.

Dr. Ruchi Sharma, Dr. Shekhar Kapoor, Vinod Kumar

- **Title of the Paper:** Municipal Solid Waste Utilization and Their Entrepreneurship Basis of Obtaining Funds
Journal: International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020. e-ISSN: 2319-8753; p-ISSN: 2320-6710. Impact Factor 7.512.

Somiya Lodwal , Sonika Kashyap , Dr. Shekhar Kapoor

- **Title of the Paper:** Sanitary Landfills and Their Various Utilities as Composting for Entrepreneurship for Better Economical Trend.
Journal: International Journal of Innovation Research in Science, Engineering & Technology, Volume 9, Issue 7, July 2020. e-ISSN: 2319-8753; p-ISSN: 2320-6710. Impact Factor 7.512.



SCHOOL OF GENERAL EDUCATION

Vision

To integrate skill, knowledge and human values in students enabling them function at the global level

Mission

To impart value oriented education and skill based training to question critically, think logically, communicate clearly, and live ethically

Objectives

- To provide a judicious mix of soft skills and the subjects of General Education
- To equip students with adequate knowledge and skills thereby making them work ready

Academic Activities

Contact classes for the students of industrial semesters (ii, iv, vi)

- ❖ With the aim of providing opportunities for the overall development of the students and in adherence to the Swiss Dual system of Education for Skill Development, every alternate semester, the students of B.Voc are placed in industries for hands- on training and experience. During this period the School provides study material of the various subjects of General Education of the II, IV and VI semesters.
- ❖ As part of the internal assessment, the students during their stay in the industry, submit 3 assignments on the basis of the study material provided to them. After the completion of their industry training of 6 months, the students attend contact classes conducted by the School, towards the preparation of their end-sem. examination. The School of General Education conducted contact classes simultaneously for the II and IV semester students during July 2019, December 2019 and July 2020.

Notable Achievements

The School brings out the Newsletter of the University. The bi-annual Newsletter highlights the major events happening around the University which includes activities, achievements, and the latest information from all the Schools.



Creative Writing Competition

Committed towards the holistic development of the students and to satiate their creative urges, the School also conducted a Creative Writing Competition for the students of the University on the topics videlicet - *Life in Lockdown*, *Lockdown – A Blessing in Disguise for Family Togetherness* and *Life after Lockdown*.

Research Initiatives

Papers Presented

Dr. Sangeetha Noval

- **Title of Paper:** Identity Crisis and Moral Dilemma Leading to Psychic Disintegration of Eugene O Neil's Yank of *The Hairy Ape*: A Humanistic Study
Venue & Date: Amity University, Jaipur, 15-16 Oct 2019

Dr. Prerna Srivastava

- **Title of Paper:** The Treatment of Gender and Sexuality in Dattani's *On a Muggy Night* in Mumbai, *Do the Needful* and *Seven Steps Around the Fire*.
Venue & Date: Amity University, Jaipur, 15-16 Oct 2019

Dr. Kiran Shekhawat

- **Title of Paper:** Struggle for Identity and Self Realization of the Female protagonist Nora in Henrik Ib-sen's *A Doll's House*
Venue & Date: Amity University, Jaipur, 15-16 Oct 2019

Dr. Rakesh Choudhary

- **Title of Paper:** Impact of Temperature and Concentration Slip on Inclined MHD Bioconvection Past a Vertical Porous Plate in the Existence of Nanoparticles and Cryrotactic Microorganisms
Venue & Date: SSN College of Engineering, Chennai, Tamilnadu, 23-24 December, 2019

Dr. Ajay Sharma

- **Title of Paper:** Translation: Adaptive Articulation of Culture and ELT'.
Venue & Date: International Conference on "Hermeneutics Today: Negotiating Traditional Approaches across Cultures and Languages" on January 24-25,2020 at SKIT, Jaipur.

Dr. Prerna Srivastava

- **Title of Paper:** Treatment of Religion and Spirituality in Dattani's *Final Solutions* and *Thirty Days in September*.
Venue & Date: International Conference on "Hermeneutics Today: Negotiating Traditional Approaches across Cultures and Languages" on January 24-25,2020 at SKIT, Jaipur.

Dr. Kiran Shekhawat

- **Title of Paper:** Re-analising Follies of King Lear in Light of Dementia.
Venue & Date: International Conference on "Hermeneutics Today: Negotiating Traditional Approaches across Cultures and Languages" on January 24-25,2020 at SKIT, Jaipur

Dr. Sangeetha Noval

- **Title of Paper:** Teaching ESL through a Five- Stage Activity: A Process - Oriented Approach.

Venue & Date: International Conference on “Hermeneutics Today: Negotiating Traditional Approaches across Cultures and Languages” on January 24-25,2020 at SKIT, Jaipur

Papers Published

Dr. Sangeetha Noval

- **Title of Paper:** From Lexis to Discourse: A 5 Stage Pedagogy for ESL Learners.
Book: Novel Trends and Techniques in Literature and Language Research. ISBN: 978-93-86890-37-5, Vol-I Aug, 2019

Dr. Prerna Srivastava

- **Title of Paper:** Snippets of Post-Modernism in Dattani’s Tara: A Critical Exploration of Gender Discrimination Book: Novel Trends and Techniques in Literature and Language Research. ISBN: 978-93-86890-37-5, Vol-I Aug, 2019

Dr Ajay Sharma

- **Title of Paper:** An Analysis of Marginalized Women Characters in the Works of Doris Lessing & Alice Munro
Journal: Gujrat Research Society Volume-21, Issue-1 2019. ISSN: 0374-8588

Dr. Kiran Shekhawat and Dr. Prerna Srivastava

- **Title of Paper:** A Critical Exploration of Social, Financial and Environmental Elements in Ralph Ellison’s Invisible Man.
Journal: Journal of Gujarat Research Society, December 2019, ISSN: 0374-8588, Vol.21, Issue 16, Pg. 1704-1710.

Dr. Sangeetha Noval and Dr. Prerna Srivastava

- **Title of Paper:** CLT: An Approach to Develop Communicative Proficiency of the ESL/EFL Learners.
Journal: Journal of Gujarat Research Society, December 2019, ISSN: 0374-8588, Vol.21, Issue 16.

Dr. Prerna Srivastava and Dr. Sangeetha Noval

- **Title of Paper:** Humanism and Dignity in Dattani’s Ek Alag Mausam.
Journal: Journal of Gujarat Research Society, December 2019, ISSN: 0374-8588, Vol.21.

Dr. Kiran Shekhawat

- **Title of Paper:** Isadora as a Mother in Erica Jong’s Fear of Flying.
Journal: Journal of Gujarat Research Society, December 2019, ISSN: 0374-8588, Vol.21, Issue 16, Pg. 1717-1721.
- **Title of Paper:** Relationship between the Self and Society in Ralph Ellison’s Invisible Man.
Journal: Studies in Indian Place Names, March2020, ISSN2394-3114, Vol. 40 Issue60, Pg.1869-1875

- **Title of Paper:** Self-Realization and Transformation of the Female Protagonist Nora in Henrik Ibsen's A Doll's House.
Journal: Studies in Indian Place Names, March2020, ISSN2394-3114, Vol. 40 Issue60, Pg.1869-1875

Webinar

Dr. Sangeetha Noval, Associate Professor of the School presented a webinar on ***Communication Skills: Key to Personal and Professional Success*** on 7 July 2020. Detailed discussion on the conduct of effective communication and its importance as life skills was the main focus of the webinar. Vocal communication (verbal exchanges), written communication media (books, websites, and magazines), visual communication (graphs, charts, and maps) and non-verbal communication (body language, gestures, pitch of voice, and tone) were discussed on this virtual platform.



SCHOOL OF HEALTH CARE & PARAMEDICS SKILLS

Vision

Global leadership in human development, excellence in education and healthcare.

Mission

Educate students in restorative, preventive, promotive and rehabilitative health care functions together with activities for education for health and research for innovation in patient care services.

About the School

The School follows the Swiss dual system and applies modern teaching methods. Students will acquire flexibly usable knowledge, develop interdisciplinary skills, and improve their problem-solving capability. Furthermore, social competence and teamwork are key qualifications that will be acquired within the scope of this training.

Highly specialized Swiss Tutors mentor and support students throughout the program. Health Care and Paramedic specialists work in hospitals, psychiatric clinics, nursing homes or care for patients at home. The school learning area provides occupationally relevant insights from nursing science and its reference sciences. In it, 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 and from a certain distance from the field of work. The School offers Certificate, Diploma, Advanced Diploma and B Voc. in Health Care Skills (Patient Relation Services).

Academic Activities

Blood Donation Camp in BSDU: One-day Program on “Blood Grouping, Physical Examination, and Blood Donation camp” was organized by School of Health Care and Paramedics Skills.

First Aid and CPR Training in RUJ WOODCRAFT: Two Days Training Program on “First Aid and CPR” was organized by School of Health Care and Paramedics Skills

First Aid and CPR Training in RUFIL: Two Days Training Program on “Basic First Aid and CPR” was organized by School of Health Care and Paramedics Skills.

Webinar

Mr. Kastriot Komani, Project Head of School of Healthcare and Paramedics School presented a webinar on *Developing Resilience: Skills You Need* on 14 July 2020.

Research Initiatives

Papers Published

Mr. Kastriot Komani

Title of Paper: Dementia, Living Will and Autonomy

Journal: National Institute for Engineering and Research - International Conference on Nursing Ethics and Medical Ethics, 46-50

SCHOOL OF HOSPITALITY & TOURISM SKILLS

About the School

The School of Hospitality & Tourism Skills became functional in Aug 2019. The School offers comprehensive training in the hotel industry in the areas of Front Office, Housekeeping Service, Food & Beverage Service & Food Production. Theory and practice are closely linked and students are trained in all the core areas.

Objectives

After completion of the programme, the student will:

- Be specialized in at least one of the training areas / Profile Hospitality (Front Office, Housekeeping, Food & Beverage Service, Food Production)
- Be capable of managing at least one area of the hotel
- Be trained to initiate own business

Academic Activities

15 students of Hospitality and Tourism Skills of Semester-I were sent for industrial training to hotels including five star hotels. They interned in all operational departments to understand standard operating procedures of guest services and were paid stipend. The hotels where the training occurred were: *Shiv Vilas* Jaipur, *Souvenir* Jaipur, *Zone Palace* by *The Park* and *Crown Plaza*, Gurugram.

Events, Visits, Visitors and Activities

The school procured the following equipment in workshops/lab for providing better hands on training to the students.

Sl. No.	Equipment	Make
1.	Cooking Hob HBR 604A x 3 nos.	Kaff
2.	Fully Automatic Washing Machine 75 kg	IFB
3.	Deep Chillier	Blue Star
4.	Ice Cream making machine	Unold
5.	Refrigerator Class 4L	Blue Star

Webinar

Dr. Mushtaq Ahmed, Principal of the School presented a webinar on ***Skill Education in Hospitality & Tourism: Opening New Frontiers*** in which he gave a brief overview of the Hospitality and Tourism Industry, employment opportunities in Hospitality and Tourism, future prospects and career development at BSDU for a promising future.

SCHOOL OF MANUFACTURING SKILLS

Vision

To establish an outstanding centre of global reputation for providing quality manufacturing skills to students to make them industry ready

Mission

- To impart quality education with employable skills
- Integration of knowledge and skills at all levels

About the School

The School of Manufacturing skills started functioning in 2016 and is one of the most sought after schools of BSDU.

The training is given in small groups (maximum 15 in number) 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

Academic Activities

- ❖ **National Seminar with IoE:** The School of Manufacturing Skills and the School of Entrepreneurship Skills organized a two-day national seminar from 13 to 14 July 2019 in the campus. The seminar was organized in association with the Institution of Engineers (IoE), India on Advances in Manufacturing System and Composite Fabrication. The faculty and the research scholars of different institutions presented research papers on the theme in the seminar.
- ❖ Students manufactured machine parts as part of their course
- ❖ Train the Trainers Program was conducted for junior trainers to enhance their training skills.
- ❖ The students of the School prepared many projects in which one of the major projects named *Arbor Press* was taken by the MD of RUFIL Pvt. Ltd. plant and it is being utilized for bottle capping.
- ❖ Virtual tour was conducted for the Subodh Groups, Jaipur to familiarize them with the infrastructure, ambience and amenities at BSDU.

Webinars/Trainings Conducted

- ❖ On the eve of the National Technology Day, Prof Achintya Choudhury, President BSDU, presented a webinar on the “Challenges for Skill Development in India: A Solution with a difference”. The webinar highlighted India’s urgency to bridge the skill gap. He also deliberated on the vicious cycle of the low skills and virtuous cycle of the high skills.
- ❖ Prof. Binit Jha, Principal of the School presented a webinar on Skills Development in Manufacturing: A Case Study which gave a detailed explanation of the functioning and cult procedures of teaching and training in the School.
- ❖ A Webinar on “Industry 4.0 Future Careers” with the collaboration of Phillips Machine Tools India, part of Phillips Corporation, USA (global supplier of manufacturing technologies since 1961).
- ❖ A virtual workshop on “Smart Manufacturing” on World Youth Skills Day.

Awards/Achievements of the School

- ❖ Certificate of participation in Vigyan Prasar & MyGov. By Mr. Deepak Swami.
- ❖ Certificate of Participation in Vigyan Prasar Network of science culbes by Munendra Koli.
- ❖ Certificate of Participation in India first leadership talk by Munendra Koli.
- ❖ Certificate of Participation in (The Business Quiz organized) by Apex University, Jaipur by Munendra Koli.
- ❖ Certificate of Participation in Anti-drug abuse organized by Narcotics Control Bureau organized by Sumit Bhukar.
- ❖ Certificate of Participation in Vocal for local organized by by BSDU by Sumit Bhukar.
- ❖ Foot operated Hand sanitizing equipment designed and manufactured by school of manufacturing skills.

Research Activities

Papers Published

Govardhan T., Choudhury A.

- **Title of Paper:** “Amplitudes of components in vibration spectra of rolling bearings with localized defects under harmonic loads”

Journal: *JVC/Journal of Vibration and Control*, 2020 DOI-10.1177/1077546320945459

Govardhan T., Choudhury A.

- **Title of Paper:** Fault Diagnosis of Dynamically Loaded Bearing with Localized Defect Based on Defect-Induced Excitation

Journal: *Journal of Failure Analysis and Prevention*, 2019 DOI-10.1007/s11668-019-00668-0

M. S. Journal: S. Mali and A. P. S. Rathore

- **Title of Paper:** “Micro-Feature Fabrication on External Cylindrical Surface by Centreless Electric Discharge Grinding”

Journal: *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.

AM. S. Shekhawat, H. S. Mali and A. P. S. Rathore

- **Title of Paper:** “Experimental Investigation on Centreless Electro Discharge Texturing of Thin Walled Inconel-600 Tubes

Journal: *International Journal of Manufacturing, Materials, and Mechanical Engineering* Vol. 10, Issue 3, July- September 2020.

MS Shekhawat, Harlal Singh Mali and APS Rathore

- **Title of Paper:** “Development of Centreless Electric Discharge Grinding Machining Process and Optimization of Process Parameters”.

Journal: *Recent Patents on Engineering* DOI: <https://doi.org/10.2174/1872212114999200423113816>.

Rajeev Sharma, Prof. B.K.Jha, Dr. Vipin Pahuja

- **Title of Paper:** Optimization Techniques for Response Predication in Metal Cutting Operation

Journal: International Conference on Industrial and Manufacturing Systems at NIT, Jalandhar. (Springer Lecture Notes).

Rajeev Sharma, B.K.Jha, Vipin pahuja

- **Title of Paper:** A critical review on machining of titanium and its alloy under cryogenic cooling environment.

Journal: 3rd International Conference on Advance in Mechanical Science(ICAMS-2020) at Vardhaman College of Engineering, Shamshabad, Telangana (Iop Conference Series: Materials Science and Engineering).

MS Shekhawat, HS Mali and APS Rathore

- **Title of Paper:** Macro & Micro-feature fabrication on external cylindrical surface using permetric electrical discharge texturing

Journal: J.Phys.: Conf. Ser. 1240012051

MS Shekhawat, Harlal Singh Mali and APS Rathore

- **Title of paper:** Development of Centreless Electric Discharge Machining Process and Optimization of Process Parameters.

Journal: *Recent Patents on Engineering*, DOI: 10.2174/1872212114999200423113816(<https://doi.org/10.2174/1872212114999200423113816>)



SCHOOL OF METAL CONSTRUCTION SKILLS

About the School

The School of Metal Construction Skills offers comprehensive training to students in metal processing domains which includes sheet metal fabrication and high end joining and welding techniques. The students are introduced to metal forming processes such as rolling, bending, forging, deep drawing etc. From the first semester onwards, theory and practice are closely linked so that the focus of the internship can be implemented directly in the practical semester. The core element of the training is on fabrication and welding various grades of steel and aluminum alloys for structural constructions.

Research Initiatives

Papers Published

Rodrigues P.F., Fernandes F.M.B., Magalhães R., Camacho E., Lopes A., Paula A.S., Basu Ritwik., Schell N.

- **Title of Paper:** Thermo-mechanical characterization of NiTi orthodontic archwires with graded actuating forces
- **Journal:** *Journal of the Mechanical Behavior of Biomedical Materials*, Volume 107, July 2020, 103747, 2020 DOI- <https://doi.org/10.1016/j.jmbbm.2020.103747>

The school procured the following equipment in workshops/lab for providing better hands on training to the students.

Sl. No.	Equipment	Make
1.	Deep Draw Press Hydraulic (50 T Capacity)	Shreeram Industries
2.	Plasma Cutter	Ador Welding Ltd
3.	Tungsten Electrode Grinder	PIRANHA II
4.	Cold-Forge Press Hydraulic (100 T Capacity)	STAR HYDRO
5.	Belt Grinder	Fein Tools



SCHOOL OF OFFICE ADMINISTRATION SKILLS

Vision

To be recognized as a progressive and connected community of youth and academicians

Mission

Developing effective and responsible administrators by creating insightful knowledge and inspiring minds

About the School

The School of Office Administration Skills has been set up to nurture skills among the youth in line with the requirement of corporate houses. Students at the School are made aware of the policies and procedures in an organization and equipped with advanced skills required to work on software packages such as Microsoft Word, Excel, Access and PowerPoint. The three-year B. Voc course gives exposure to students in short-hand skills, secretarial skills, payroll accounting, and logistics, enabling them to handle such operations independently. In the present corporate scenario, the role of an office administrator has become crucial.

Academic Activities

- ❖ Students of II and IV semesters interned in various industries and were granted stipend.
- ❖ English speaking and interview skills classes were organized for students.
- ❖ Students attended online classes during the lockdown and submitted their assignments online.



SCHOOL OF REFRIGERATION AND AIR-CONDITIONING SKILLS

Vision

To create an end-to-end implementation framework for skill development in HVAC & R, providing opportunities through qualitative long and short-term skill training, and providing gainful employment and ensuring career progression that meets the aspirations of trainees

Mission

To nurture students for providing quality design, installation, assembly and service for Heating, Ventilation, and Air Conditioning (HVAC) equipment in both residential and commercial markets.

About the School

School of *Heating, Ventilation Air conditioning and Refrigeration Skills* was formed in 2017. Students under this program acquire skills to detect and repair mechanical, electrical and electronic systems of the latest machines in Refrigeration and Air-conditioning. A Centre of Excellence has been established at the University Campus by Daikin Air-conditioning India Private Ltd. for HVAC & R Training.

Academic Activities

- ❖ Principal, School of RAC delivered an expert lecture on REFCOLD at Hyderabad from 21-23 November 2019 organized by ISHRAE (Indian Society of Heating, Refrigerating and Air-Conditioning Engineers) Jaipur Chapter.
- ❖ Under the aegis of academic activities of ISHRAE Chapter, the Principal, School of RAC delivered expert lectures on Principles of Psychrometric at MNIT, Jaipur and Cold Storage: A Necessity of Cold Chain at Bhamashah Innovation and Incubation Center, Jaipur.

Research Initiatives

Papers Published

Dr. Vipin Pahuja

- **Title of Paper:** Influence of process parameters on surface roughness, hole diameter and burr height in drilling of 304L duplex stainless steel
Journal: Manufacturing Engineering, Lecture notes on multidisciplinary industrial engineering, Springer, Singapore (ISBN: 978-981-13-6287-3)
- **Title of Paper:** Application of Artificial Neural Network for Modelling Surface Roughness in Machining
Journal: Manufacturing Engineering, Optimization methods in Engineering, Springer, Singapore

The school procured the following equipment in workshops/lab for providing better hands on training to the students.

Sl. No.	Equipment	Make
School of RAC Skills		
1.	Refrigerant recovery unit	Rothenberger (supplied by ESSCI)
2.	Jet pump & Service cover	Rex
3.	DC Compressors	Tecumseh
4.	Welding Kit & Gas Cylinders	RAMA

SCHOOL OF WOODWORKING SKILLS

Vision

To establish the School as a centre of excellence in woodworking technology thereby becoming the top national destination for skill education and research

Mission

To provide holistic education in wood working technology covering the entire range of education spectrum with objectives that include employability, career advancement, entrepreneurship skills and realizing research interests of students

About the School

BSDU, through its state of the art facility, Swiss based dual education model and industry recommended curriculum, provides world class training opportunity to students

Academic Activities

- ❖ **Ahmedabad Design Week:** Two students: Mohit Kalla and Hanuman Jat from 5th Semester SWS demonstrated their project in Ahmedabad Design Week conducted from 17th to 20th Jan 2020. The event was sponsored by M/s Bram Studio Bangalore who took care of the air travel and other logistics arrangement for the students. The event was also an opportunity for SWS to publicize their BVoc program with a tag line “*Giving Wings to Your Creativity*”
- ❖ **Workshop for 10+2 school Students :** A one and half hour workshop was conducted for school students in SWS. Wooden blocks that could be assembled into a Bird-house was cut and kept ready for students to assemble using some power tools and fasteners. The event was throughly enjoyed by the students who were allowed to take home their accomplishments. The activity allowed the student’s self involvement in the given skill and provided them with a sense of ownership and achievement too.
- ❖ **Annual Sports Event 2020:** Annual sports event 2020 was conducted in the university. There were five team events and many individual events namely: Athletics (including shotput, discus and javelin throws), Badminton, Table Tennis and Chess. The team events were Football, Basketball, Cricket, Volleyball and Kabaddi. Students and staff participated wholeheartedly in the ensuing events with the Champion trophy being lifted by team “Cougars”. The volunteers and coordinators who supported the event were felicitated by Dean Academics.
- ❖ **Visit of Representatives from M/s Godrej:** Mr Prasad Kasekar and Mr Prakash Mahajan from Godrej visited BSDU on 22nd and 23rd Jan 2020. The guests were shown around the entire BSDU campus and advised on the BVoc programs being conducted here. A draft MoU was handed over to the guests for their perusal and possible mutual agreement in the future.
- ❖ **Training by Blum Fittings:** A two-day training on Blum fittings was conducted for students and trainers of SWS on 02nd and 3rd Dec 2020 by Mr Gurdeep and Mr Michael Dsouza from M/s Blum Fittings Ltd. The firm has also expressed its desire to collaborate with the school to establish a display area replete with modern furniture fitted with its

products. The entire fittings and furniture shall be sponsored by the firm. Certificate of participation was later distributed to all the participants.

- ❖ **Training for Dependents of Ex-Servicemen:** A one-month long program was conducted by BSDU (Bhartiya Skill Development University) in “Basic Course in Woodworking” for dependents of Ex-Servicemen. The course for the students sponsored by REXCO (Rajasthan Ex-Serviceman Corporation Ltd) covered basic hand skills: use of hand tools, woodworking materials, power tools, basic hand drawing, introduction to stationary machines and furniture cost estimation subjects. The program was in line with FFSC (Furniture and Fittings Skill Sector Council) requirements and was jointly assessed by BSDU and FFSC assessors. The program was also included under the PMKVY (Pradhan Mantri Kaushal Vikas Yojna) scheme by FFSC under the MSDE (Ministry of Skill Development and Entrepreneurship). The program culminated in award of separate certificates by BSDU and NSDC/FFSC at NSQF (National Skill Qualification Framework) level 3. The certificate distribution event was conducted at BSDU on 06th Dec 2019 and was graced by the presence of the Managing Director of REXCO Brigadier Raja Balwada.
- ❖ **School of Woodworking Skills as Academic Partners of FFSC:** The FFSC (Furniture and Fittings Skill Sector Council) nominated SWS/BSDU as their academic partners paving way for SWS to operate as Training providers/Training centres after getting due accreditation. The first batch of training for which BSDU could award a NSQF level 3 certificate has been mentioned above.
- ❖ **BSDU members nominated by FFSC to be part of the NOS development and upgrading Committee:** Two staff members were nominated by FFSC to be part of the NOS development and upgrading committee. The committee will comprise of industry experts, FFSC staff, NSDC representatives and BSDU. Regular video conference meeting of the members commenced on 04 May 2020.
- ❖ A reputed furniture magazine “Furniture Design and Technology” Jan-feb 2020, published by Modest Graphics carried an article on School of Woodworking schools (erstwhile School of Carpenter Skills). The article gave a wide coverage on the mode of education and infrastructure and facilities available in the school. The article also dwelled on the successes of the school and the extent of its networking with the industry.
- ❖ **Webinar – “Opportunities for Indian Youth in the Woodworking Sector”** A webinar on the above topic was presented online by the Principal of SWS on 23 May 2020. Detailed discussion on the growth of the woodworking industry in Indian and the increasing number of job opportunities were also presented. The webinar was widely appreciated by all and many a queries about the BVoc program in SWS were received.
- ❖ **Visit of RSLDC Representatives** Dr Neeraj K Pawan, Secretary Department of Skills Labour and Employment and Sh Prateek Jhahhariya MD, RSLDC, Government of Rajasthan visited SWS workshop on 04 June 2020. The guests showed keen interest in learning about the available facilities in the workshop and were very appreciative of the quality, health and safety aspects of installed systems
- ❖ **Online Training During Lockdown** The staff of SWS optimally utilised their time during lockdown to upgrade/update their knowledge through various online courses. Certificate courses in Neural Networks and Deep Learning, Convolution Neural Networks, Autocad Advanced, TCS-ION, Project Management and other topics have been completed and

many others are in progress. In addition, online classes are being conducted on RM (Research Methodology), Advanced Carpenter Mathematics and Quality Control subjects.

Webinar

Prof. Rana, Principal of the School presented a webinar on *Opportunities for Indian Youth in the Woodworking Sector* on 23 May 2020. Detailed discussion on the growth of the woodworking industry and the increasing number of job opportunities at national and international levels was presented on this virtual platform.

Research Initiatives

Papers Published

Shitanshu Sapre

- **Title of the Paper:** Impact of refueling parameters on storage density of compressed hydrogen storage Tank

Journal: International Journal of Hydrogen Energy, ISSN 0360-3199, September 2020.
<https://doi.org/10.1016/j.ijhydene.2020.08.136>

Dr Anil Rana

- **Title of the Paper:** Quality of Maintenance Activity

Book: Decision Analytics Applications in Industry published by Springer, Singapore,
<https://doi.org/10.1007/978-981-15-3643-4> ISBN978-981-15-3642-7 June 2020, PP 511-519

The school procured the following equipment in workshops/lab for providing better hands on training to the students.

Sl. No.	Equipment	Make
1.	CNC Router (H300 + 4 Axis)	Felder Woodworking Machines
2.	Format 4 fully Automatic Edge Bander Tempora 60.06 ELX	Felder Woodworking Machines
3.	SCM Combination Machine	SCM, Industria, S.P.A
4.	Vertical Panel Saw KappaV60 Classic 22.42	Felder Woodworking Machines
5.	Wood turning lathe	Jai Modula
6.	Chain and Chisel Mortiser	Jai Modula
7.	Frame Assembler	Umiya
8.	SCM Combination for new workshop	SCM, Industria, S.P.A

EXAMINATION SECTION

University Examination Process

All program of the University has two main components, namely- Skill component (roughly 60% of the content) and General Education component (roughly 40% of the content). The students are assessed for these two components separately. The General Education component is assessed by the University and the Skill Component is assessed by a Joint Board comprising representatives of University, the industry concerned and Sector Skill Council.

The University follows the semester system and continuous assessment with 10 Point grading system. The odd semesters are conducted at the University. Assessment during this semester is by the University. There are two In-Semester Examinations, which along with Assignments, carry 50% weightage, and one End-Semester Examination which carries 50% weightage. The even semester is the Industrial internship which is assessed by the Joint Board. There are theory courses offered through online/offline study material and a Contact Program at the end of the semester. This is assessed by the University.

To be eligible to appear in the End-Semester Examination, a student must have attended at least 75% of the total classes held in each course. A student not fulfilling the attendance requirement in any course is not allowed to appear in the end-semester examination in that course and has to repeat the course, if not promoted.

Once a student completes the required credits for the Certificate/ Diploma/ Advance Diploma/ Degree, he/she will be eligible for award of the same. Undergraduate and Postgraduate degrees will be awarded during the Annual Convocation.

RESULT SUMMARY

Academic Session	Batch	Program med Offered	Specialization	Semester	No. of Students Appeared	No. of Students Passed	Pass Percentage
2018-19	Winter Semester	B. Voc.	Manufacturing Skills	1 st	4	3	75.00
				2 nd	33	28	84.85
				3 rd	1	1	100.00
				4 th	23	21	91.30
				5 th	5	5	100.00
		B. Voc.	Electrical Skills	2 nd	14	11	78.57
				3 rd	1	1	100.00
				4 th	3	3	100.00
		M. Voc.	Electrical Skills	2 nd	3	3	100.00
		B. Voc.	Renewable Energy Technology Skills	2 nd	8	8	100.00
		B. Voc.		2 nd	16	10	62.50

			Woodworking Skills	3 rd	2	2	100.00
				4 th	7	5	71.43
		B. Voc.	Automotive Skills	1 st	7	6	85.71
				2 nd	10	9	90.00
				3 rd	2	2	100.00
				4 th	7	7	100.00
		M. Voc.	Automotive Skills	1 st	2	2	100.00
				2 nd	2	2	100.00
		B. Voc.	Healthcare Skills	2 nd	21	21	100.00
		B. Voc.	IT/ Networking Skills	1 st	1	1	100.00
				2 nd	17	15	88.24
				3 rd	1	0	0.00
				4 th	4	2	50.00
		B. Voc.	Machine Learning & AI Skills	2 nd	14	14	100.00
		B. Voc.	Refrigeration and Air- Conditioning Skills	1 st	3	2	66.67
				2 nd	13	12	92.31
4 th	1			0	0.00		
B. Voc.	Construction Skills	2 nd	5	4	80.00		
		4 th	3	3	100.00		
B. Voc.	Office Administration Skills	1 st	2	2	100.00		
		2 nd	13	13	100.00		
B. Voc.	Entrepreneurship Skills	2 nd	16	12	75.00		
M. Voc.	Entrepreneurship Skills	2 nd	1	1	100.00		

2019-20	Summer Semester	B. Voc.	Manufacturing Skills	1 st	30	20	66.67
				2 nd	4	3	75.00
				3 rd	28	19	67.86
				4 th	1	1	100.00
				5 th	21	21	100.00
				6 th	5	5	100.00
		B. Voc.	Electrical Skills	1 st	12	9	75.00
				2 nd	1	1	100.00
				3 rd	12	10	83.33
				4 th	1	1	100.00
				5 th	3	3	100.00

	M. Voc.	Electrical Skills	3 rd	3	3	100.00
	B. Voc.	Renewable Energy Technology Skills	1 st	23	20	86.96
			3 rd	8	7	87.50
	B. Voc.	Woodworking Skills	1 st	9	7	77.78
			3 rd	14	10	71.43
			4 th	2	2	100.00
			5 th	6	6	100.00
	B. Voc.	Automotive Skills	1 st	21	10	47.62
			2 nd	5	5	100.00
			3 rd	12	8	66.67
			4 th	4	4	100.00
			5 th	7	7	100.00
	M. Voc.	Automotive Skills	3 rd	2	2	100.00
	B. Voc.	Healthcare Skills	1 st	10	8	80.00
			3 rd	13	13	100.00
	B. Voc.	IT/ Networking Skills	1 st	9	8	88.89
			2 nd	1	1	100.00
			3 rd	16	14	87.50
			4 th	1	0	0.00
			5 th	2	2	100.00
	B. Voc.	Machine Learning & AI Skills	1 st	17	10	58.82
			3 rd	14	12	85.71
	B. Voc.	Refrigeration and Air- Conditioning Skills	1 st	14	8	57.14
			2 nd	3	3	100.00
			3 rd	12	11	91.67
	B. Voc.	Construction Skills	3 rd	5	2	40.00
			5 th	3	3	100.00
	B. Voc.	Office Administration Skills	1 st	3	1	33.33
			2 nd	2	2	100.00
			3 rd	12	12	100.00
	B. Voc.	Entrepreneurship Skills	1 st	8	8	100.00
			3 rd	12	11	91.67
	M. Voc.	Entrepreneurship Skills	1 st	3	3	100.00
			3 rd	1	1	100.00
	B. Voc.	Metal Construction Skills	1 st	5	2	40.00

		B. Voc.	Hotel Management & Tourism Skills	1 st	15	13	86.67
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Ph.D

Academic Session	Batch	Programmed Offered	Specialization / Discipline	Ph. D. Entrance Test			Ph. D. Interview		
				No. of Candidates Appeared	No. of Candidates Passed	Pass Percentage	No. of Candidates Appeared	No. of Candidates Passed	Pass Percentage
2019-20	Summer Semester (July-2019)	Ph.D.	Education	1	1	100.00	1	0	0.00
			Chemistry	1	1	100.00	1	0	0.00
			Electronics	5	1	20.00	1	1	100.00
			Electrical	3	1	33.33	1	1	100.00
			Entrepreneurship and Innovation	2	2	100.00	2	2	100.00
			IT & Networking	3	0	0.00	0	0	--
			Library and Information Science	1	0	0.00	0	0	--
			Management	3	1	33.33	1	1	100.00
			Mathematics	1	0	0.00	0	0	--
			Mechanical	2	0	0.00	0	0	--
			Hotel and Tourism Management	4	3	75.00	3	2	66.67
			2019-20	Winter Semester (January-2020)	Ph.D.	Chemistry	1	1	100.00
Electrical	1	0				0.00	0	0	--
Electronics	4	1				25.00	1	1	100.00
English	1	0				0.00	0	0	--

		Entrepreneurship	4	3	75.00	3	3	100.00
		Hotel and Tourism Management	1	1	100.00	1	1	100.00
		IT & Networking	3	0	0.00	0	0	--
		Library and Information Science	4	0	0.00	0	0	--
		Management	6	6	100.00	6	1	16.67
		Mechanical	6	4	66.67	4	3	75.00
		Psychology	1	0	0.00	0	0	--



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. The Library is housed in an air-conditioned building with well-furnished spacious reading room create an atmosphere of serenity and thereby inspire intellectual stimulation and research. 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.

The Library 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.

Vision

Vision of Knowledge Resource Centre is to impart global education. The perspective of KRC is to equip their students and faculty with the knowledge, skill and scholarship and to meet the challenges and demands of globalization.

Mission

Mission of the Knowledge Resource Centre is to provide ample support for teaching and research and skill development programs of the university by providing accesses to the latest global sources of information and learning resources through state-of-art technology and services.

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	525	2474
Total	2238	18174

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

Activities

- ❖ **"EBSCO Training Session" was conducted on 04.03.2020** to make the students, research scholars and faculty members aware about the databases as well as to get the maximum benefit of it. The main focus of this training session was to train the users on the different searching techniques to locate their relevant material related to their mater, citing their search material, sharing information with others, saving content for later reading and on exporting data and so on. 35 participants availed the benefit of the same.
- ❖ The Webinar on "How to Write an Effective Research Paper" was presented on 9th June 2020, for Students, Research Scholars and faculty of Bhartiya Skill Development University, through Google Meet. The speaker was Prof (Dr) Kumkum Garg, Dean Academics of Bhartiya Skill Development University. She briefly described the important points and technical details while writing a research paper. 58 participants actively participated and received their E-certificates.
- ❖ A National Webinar on "How to Avoid Plagiarism Using-URKUND as a Plagiarism Tool" was conducted in association with e-Galactic, Pune had organized on 20th June 2020. 340 participants participated actively across the world, through Zoom. The main focus was on to guide them on important points while writing a research paper, technical details and the basic features of Urkund software as well as University Grant

Commission's policy regarding plagiarism along with Technical session about URKUND.

- ❖ The first e-quiz on “Awareness on Availability of E-Resources” was conducted between 22-24 May 2020. 184 participants actively participated and received their E-certificates.
- ❖ The second e-quiz on “General Awareness of Library and its Services from 2-3 June 2020. 141 participants actively participated and received their E-certificates.
- ❖ The third e-quiz on the occasion of “International Yoga Day” with the theme “Yoga for Everyone: Power of Health” from 21-27 June 2020 was held to spread awareness about Yoga.
- ❖ The fourth e-quiz on the occasion of “National Librarian's Day on 12 August” was held on the theme “National Librarian's Day- Birthday of Dr S. R. Ranganathan”. 477 participants participated and received their E-certificates.



TRAINING & PLACEMENT

The Training and Placement Cell has been instrumental in signing various MoUs with the various industries and institutions to further enhance cooperation in the field of skill education, research, training, internships and placements. The MoUs with the industrial partners greatly help in internships and placement of students in the relevant skill areas. This is of immense help in producing graduates, who are professionally competent and industry ready immediately on graduating from BSDU.

The training and placement cell has also been laying emphasis on the aspects of soft skills to enable students improve their communication skills, grooming, personal etiquettes, social grace and leadership qualities. These attributes would not only be useful to the students in their day today lives but would also be of immense help in climbing the corporate ladder with ease in the years to come. The soft skill programs are conducted both by the in house and external faculties.

In this academic year, we made a new beginning by opening the doors of foreign countries for our students for their internships. Five students of Entrepreneurship Skills were selected for their internships at Romania and Moldova.

Activities

- ❖ An interactive session was held with the Principal Secretary, Social Justice and Empowerment and Tribal Area Development, Jaipur, Rajasthan on 12 February 2020 to discuss the areas of cooperation between BSDU and Government of Rajasthan.
- ❖ A visit to the *National Engineering Industries Ltd*, Jaipur, was organized on 29 Feb, 2020 for an Industry-Academia cooperation with BSDU.
- ❖ Pre-placement activities for the VI semester students were conducted online by the HR Heads of companies namely Mahaveer Groups, Ajmer, Shri Balaji Industrial Products Limited, Jaipur, Johri Digital, Jodhpur, Nidec India, Neemrana, Mac Consultant Pvt Ltd, India., NBC, Jaipur and Nachi India, Neemrana.
- ❖ A Soft -Skills Training Programme for the trainers and research scholars was conducted from 13 – 18 January 2020.
- ❖ Faculty Development Programme was organised for faculty, trainers and research scholars from, 24 February – 3 March 2020.



AWARDS & RECOGNITIONS

Accolades are the symbolic tokens of recognition of excellence for a number of reasons but mainly because of the core values the institution can bring and retain in its objectives. The symbolic award can visually encapsulate the milestone achievements of an organization in a unique way.

Acknowledging BSDU's and our founder Chairman, Dr Rajendra Kumar Joshi's invaluable socio-economic contributions and hallmarks in the fields of skill-education, social services, science and technology, the awardees were honoured internationally with prestigious awards by the different nations. The following laurels are the token of its veneration during the last one year:

1. BSDU Chairman, Dr Rajendra Kumar Joshi was awarded **“Global Inspirational Icon”** in Skill Education during the 5th Dialogue India Academia Conclave 2019 at UAE. BSDU was also adjudged as **Best Skills University in India, 2019**.
2. **Global Visionary Leader in Skill Education:** Dr Joshi was honored with this award by Global India Education Forum Awards for Excellence in Education at Helsinki, Finland on 26 September 2019.
3. **GEM of India Award:** Because of Dr Joshi's innovative endeavor and sparking contribution in the development of the nation, he was awarded with Gem of India award in the All India Achievers' Conference, New Delhi on 17 August 2019.
4. BSDU was awarded **Asia's Best University for promoting Skill Development and Entrepreneurship** by Rajasthan Skill & Livelihoods Development Corporation (RSLDC), Government of Rajasthan and Business Rankers on 19 September 2019.
5. BSDU got **A Certificate of Recognition on BSDU being the Torchbearer in Higher Education Category** in a Conference organized by India Didactics Association (IDA) Awards Education 2019.
6. **BSDU Participated in the 2nd Global India Education Forum from 23 to 27 September 2019 at Helsinki, Finland**



DISTINGUISHED VISITORS

BSDU, since its inception, has had numerous dignitaries visiting to see the unique and one of its kind, Pure Skill University in India. The guest list boasts of famous Politicians and Ministers, Government Officials and defense, Vice Chancellors & Directors of renowned Universities/Institutions like IIT/ NIT/ IIM etc. Important dignitaries who visited BSDU during



IAS-Dr-Samit-Sharma visited BSDU on 21.08.2019 for Kaushal Sanwad



Naveen-Jain-IAS, Secy Skill & Chairman RSLDC visited BSDU on 21.08.2019 for Kaushal Sanwad



Mr Prakash Sharma CFO NSDC visited BSDU on 03 January 2020



Mr Prateek Jhajharia, MD RSLDC Jaipur visited BSDU on 04 June 2020



Prof M P Poonia, Vice Chairman AICTE visited BSDU during Smart India Hackathon 2019



Shri Niraj K Pawan IAS, Secy Dept of Skill Employment & Entrepreneurship Govt of Raj visited BSDU on 04 June 2020



Shri Tika Ram July, Hon'ble Labour Minister visited BSDU on 07 Jan. 2020 & inaugurated Beauty & Wellness Centre



Vivek Basal - visited BSDU on 27 Aug. 2019, Entrepreneurship, Awareness Camp

UNIVERSITY PERSONNEL

S.No.	EMP ID	Emp Name	Designation	School
1	BSDU0197	Dr. Achintya Choudhury	Professor & President	Manufacturing Skills
2	BSDU0065	Dr. Susheela Sharma	Associate Professor & Registrar	Construction Skills
<u>School of Automotive Skills</u>				
3.	BSDU0240	Col. Sanjay Gangwar	Assistant VP-Training/Officiating Principal	Automotive Skills
4.	BSDU0059	Dr. Ankur Sagar	Associate Professor	Automotive Skills
5.	BSDU0184	Mr. Amit Sharma	Assistant Professor-I	Automotive Skills
6.	BSDUS013	Mr. Marcus Grueter	Master Trainer	Automotive Skills
7.	BSDU0011	Mr. Sumit Kashyap	Trainer-I	Automotive Skills
8.	BSDU0083	Mr. Krishan Sharma	Trainer II	Automotive Skills
9.	BSDU0160	Mr. Sourabh Chechani	Trainer II	Automotive Skills
10.	BSDU0161	Mr. Baljeet singh	Trainer II	Automotive Skills
11.	BSDU0081	Mr. Kamlesh Kumar Chaudhary	Junior Trainer	Automotive Skills
12.	BSDU0258	Mr. Shekhar Sharma	Junior Trainer	Automotive Skills
13.	BSDU0257	Mr. Ubed Ul Haque	Junior Trainer	Automotive Skills
<u>School of Woodworking Skills</u>				
14.	BSDU0211	Dr. Anil Rana	Professor Woodworking & Dean Manufacturing Skills	Woodworking Skills
15.	BSDU0269	Dr. Manish Kumar	Assistant Professor-I	Woodworking Skills
16.	BSDU0270	Mr. Shitanshu Sapre	Assistant Professor-II	Woodworking Skills
17.	BSDUS007	Mr. Matthias Fah	Project Manager	Woodworking Skills

18.	BSDUS016	Mr. Ransi Gjenc	Master Trainer	Woodworking Skills
19.	BSDU0068	Mr.Harendar Singh	Trainer II	Woodworking Skills
20.	BSDU0071	Mr. Abhimanyu Kumar	Trainer II	Woodworking Skills
21.	BSDU0234	Mr. Kumar Shanu Sharma	Junior Trainer	Woodworking Skills
<u>School of Construction Skills</u>				
22.	BSDU0243	Mr. Arun Kumar Singh	Chief Trainer & Principal	Construction Skills
23.	BSDU0116	Dr. C.P.Sharma	Assistant Professor-II	Construction Skills
24.	BSDU0179	Mr.Ravi Sharma	Trainer II	Construction Skills
25.	BSDU0180	Ms. Neha	Trainer II	Construction Skills
26.	BSDU0181	Mr. Iqraz Nabi	Trainer II	Construction Skills
27.	BSDU0247	Mr. Lalan Kumar	Junior Trainer	Construction Skills
28.	BSDU0249	Mr. Gori Shankar Soni	Junior Trainer	Construction Skills
<u>School of Electrical Skills</u>				
29.	BSDU0246	Cmde (Dr.) Jawahar M. Jangir	Professor & Principal	Electrical Skills
30.	BSDU0061	Dr. Shravan Kumar Jhajharia	Professor	Electrical Skills
31.	BSDU0212	Dr. Ritu Tak	Associate Professor	Electrical Skills
32.	BSDU0077	Dr. Pancham Kumar	Assistant Professor-I	Electrical Skills
33.	BSDU0168	Dr. Sujil A	Assistant Professor-I	Electrical Skills
34.	BSDU0235	Dr. Satyendra Singh	Assistant Professor-I	Electrical Skills
35.	BSDU0250	Ms. Falti Teotia	Assistant Professor-II	Electrical Skills
36.	BSDUS017	Mr. Alfred Blatter	Project Manager	Electrical Skills

37.	BSDU0164	Mr. Pawan Kumar Choudhary	Trainer II	Electrical Skills
38.	BSDU0165	Mr. Anil Kumar	Trainer II	Electrical Skills
39.	BSDU0167	Mr. Yatendra Singh Hada	Trainer II	Electrical Skills
40.	BSDU0174	Mr. Shubham Singh Rathore	Trainer II	Electrical Skills
41.	BSDU0175	Mr. Akashay Sahni	Trainer II	Electrical Skills
42.	BSDU0186	Mr. Kuldeep Kumar	Trainer II	Electrical Skills
43.	BSDU0267	Mr. Navjot Singh	Junior Trainer	Electrical Skills
<u>School of Entrepreneurship Skills</u>				
44.	BSDU0124	Dr. Ravi Kumar Goyal	Professor & Principal	Entrepreneurship Skills
45.	BSDU0225	Dr. Rajdeep Deb	Associate Professor	Entrepreneurship Skills
46.	BSDU0162	Dr. Anil Kumar Aggarwal	Assistant Professor-I	Entrepreneurship Skills
47.	BSDU0229	Dr. Pallavi Agarwal	Assistant Professor-II	Entrepreneurship Skills
48.	BSDU0218	Dr. Mredu Goyal	Assistant Professor-II	Entrepreneurship Skills
49.	BSDU0217	Dr. Shekhar Kapoor	Assistant Professor-II & Senior Admission Officer-II	Entrepreneurship Skills & Admission Cell
<u>School of Health Care & Paramedics Skills</u>				
50.	BSDUS012	Mr. Kastriot Komani	Project Manager	Health Care & Paramedics Skills
51.	BSDU0135	Mr. Om Prakash Shrimal	Trainer II	Health Care & Paramedics Skills
52.	BSDU0144	Mr. Tanuj Narula	Trainer II	Health Care & Paramedics Skills
53.	BSDU0123	Mr. Ankit Prajapat	Junior Trainer	Health Care & Paramedics Skills
<u>School of Hotel Management & Tourism Skills</u>				

54.	BSDUS010	Ms. Marietta Nussli	Project Manager	Hotel Management & Tourism Skills
55.	BSDUS013	Ms. Susanne Pfister	Master Trainer	Hotel Management & Tourism Skills
56.	BSDU0228	Mr. Vinay Kumar Verma	Trainer- I	Hotel Management & Tourism Skills
57.	BSDU0215	Ms. Florence Joseph	Trainer II	Hotel Management & Tourism Skills
58.	BSDU0216	Mr. Vipin Kumar Singh	Trainer-II	Hotel Management & Tourism Skills
<u>School of Computing Skills</u>				
59.	BSDU0209	Dr. Anurag	Professor & Dean Computing Skills	Computing Skills
60.	BSDU0062	Dr. Kumkum Garg	Professor	Computing Skills
61.	BSDU0183	Col Raj Kumar	Professor & Provost	Computing Skills
62.	BSDU0152	Dr. Sumitra Singar	Assistant Professor-I	Computing Skills
63.	BSDU0190	Dr. Soma Kumawat	Assistant Professor-I	Computing Skills
64.	BSDU0207	Dr. Sandeep Gupta	Assistant Professor-I	Computing Skills
65.	BSDU0035	Ms. Anuja Arman	Assistant Professor-II	Computing Skills
66.	BSDU0106	Mr. T.R. Sharma	Chief Trainer	Computing Skills
67.	BSDU0112	Mr. Jitendra Mathur	Senior Trainer I	Computing Skills
68.	BSDU0177	Mr. Deepak Khatri	Trainer II	Computing Skills
69.	BSDU0178	Mr. Manoj Kumar Gurjar	Trainer II	Computing Skills
70.	BSDU0117	Ms. Rikky Kumari	Junior Trainer	Computing Skills
<u>School of General Education</u>				
71.	BSDU0057	Dr. Surat Singh	Professor & Principal	General Education Skills

72.	BSDU0041	Dr. Charanjeet Kaur Pabla	Professor & CoE	General Education Skills
73.	BSDU0063	Dr. Rinku Raghuvanshi	Associate Professor	General Education Skills
74.	BSDU0111	Dr. Sangeetha Noval	Associate Professor	General Education Skills
75.	BSDU0034	Dr. Pallavi Mathur	Assistant Professor-I	General Education Skills
76.	BSDU0248	Dr. Ajay Sharma	Assistant Professor-I	General Education Skills
77.	BSDU0045	Ms. Vijayalakshmi Bhat	Assistant Professor-II	General Education Skills
78.	BSDU0096	Dr. Purna Shrivastava	Assistant Professor-II	General Education Skills
79.	BSDU0176	Dr. Rakesh Choudhary	Assistant Professor-II	General Education Skills
80.	BSDU0189	Dr. Kiran Shekhawat	Assistant Professor-II	General Education Skills
81.	BSDU0078	Ms. Deepraj Walia	Lecturer	General Education Skills
82.	BSDU0114	Mr. Lala Ram Choudhary	French Trainer	General Education Skills
<u>Knowledge Resource Centre</u>				
83.	BSDU0037	Dr. Bhoop Singh	Assistant Professor- I	Library Science
84.	BSDU0146	Dr. Deepmala	Assistant Professor- II	Library Science
<u>School of Manufacturing Skills</u>				
85.	BSDU0210	Dr. Binit Kumar Jha	Professor / Principal	Manufacturing Skills
86.	BSDU0060	Mr. Mahendra Singh Shekhawat	Associate Professor	Manufacturing Skills
87.	BSDUS009	Mr. Daniel Egli	Project Manager	Manufacturing Skills
88.	BSDUS015	Mr. Andreas Thomann	Master Trainer	Manufacturing Skills
89.	BSDUS019	Mr. Ardit Tahiri	Master Trainer	Manufacturing Skills
90.	BSDU0019	Mr. Naveen Nijhawan	Senior Trainer-II	Manufacturing Skills
91.	BSDU0010	Mr. Pranav Singhal	Trainer-I	Manufacturing Skills

92.	BSDU0022	Mr.Anirudh Singh Sandu	Trainer-I	Manufacturing Skills
93.	BSDU0033	Mr.Rachit Tiwari	Trainer I	Manufacturing Skills
94.	BSDU0042	Mr. Dharm pal Kumhar	Trainer II	Manufacturing Skills
95.	BSDU0086	Mr. Hemant Sharma	Trainer II	Manufacturing Skills
96.	BSDU0087	Mr. Deepak Swami	Trainer II	Manufacturing Skills
97.	BSDU0089	Mr. Munendra Koli	Trainer II	Manufacturing Skills
98.	BSDU0200	Mr. Akram Razza Mansuri	Trainer II	Manufacturing Skills
99.	BSDU0202	Mr. Akash Gade	Trainer II	Manufacturing Skills
100.	BSDU0206	Mr. Sudhir Kumar Yadav	Trainer II	Manufacturing Skills
101.	BSDU0260	Mr. Madhusudan Singh Rathore	Junior Trainer	Manufacturing Skills
102.	BSDU0261	Mr. Sumit Bukhar	Junior Trainer	Manufacturing Skills
103.	BSDU0265	Mr. Mukesh Kumar Khakhal	Junior Trainer	Manufacturing Skills
104.	BSDU0266	Mr. Shankar Lal Choudhary	Junior Trainer	Manufacturing Skills
<u>School of Metal Construction Skills</u>				
105.	BSDU0198	Dr. Ritwik Basu	Associate Professor & Officiating Principal	Metal Construction Skills
106.	BSDUS011	Mr. Marcus Flepp	Project Manager	Metal Construction Skills
107.	BSDU0014	Mr.Kaushal Tiwari	Senior Trainer-II	Metal Construction Skills
108.	BSDU0030	Mr.Bhagwan Sahai Bunkar	Trainer I	Metal Construction Skills

109.	BSDU0201	Mr. Pradeep Singh Chouhan	Trainer II	Metal Construction Skills
110.	BSDU0203	Mr. Pranjal Maheshwari	Trainer II	Metal Construction Skills
111.	BSDU0204	Mr. Koshal Kishor Nagar	Junior Trainer	Metal Construction Skills
<u>School of Office Administration Skills</u>				
112.	BSDU0255	Dr. Mushtaq Ahmed	Professor & Principal	Office Administration Skills
113.	BSDU0188	Mr. Ram Bilas Agarwal	Assistant Professor-I	Office Administration Skills
<u>School of RAC Skills</u>				
114.	BSDU0199	Dr. Shishir Chandra Bhaduri	Professor of RAC, Dean of RAC /Automotive/Electrical	RAC Skills
115.	BSDU0130	Dr. Vipin Pahuja	Assistant Professor I	RAC Skills
116.	BSDU0264	Mr. Sheetal Kumar Jain	Assistant Professor I	RAC Skills
117.	BSDU0256	Mr. Bharat Bhandari	Chief Trainer	RAC Skills
118.	BSDU0091	Mr. Shyam Anand Chaturvedi	Trainer II	RAC Skills
119.	BSDU0092	Mr. Najmool Haque	Trainer II	RAC Skills
120.	BSDU0169	Mr. Devendra Pathak	Trainer II	RAC Skills
121.	BSDU0226	Mr. Hardik Sharma	Trainer II	RAC Skills
122.	BSDU0227	Ms. Nikita Singh	Trainer II	RAC Skills

List of Non-Teaching Staff at BSDU as on 30 June 2020

S.No.	EMP ID	Emp Name	Designation	School/ Department
1	BSDU0047	Mr. Mohit Jain	Chief Finance & Acct. Officer	Accounts
2	BSDU0005	Mr.Hemraj Yadav	Jr. Finance Executive	Accounts
3	BSDU0006	Mr. Bhagirath Choudhary	General Duty Worker	Accounts
4	BSDU0099	Mr. Ramesh Prajapat	General Duty Worker	Accounts
5	BSDU0129	Mr. Anurag Naruka	Assistant Accountant	Accounts
6	BSDU0003	Mr.Banwari Lal Bunkar	General Duty Worker	Administration
7	BSDU0028	Mr. Raj Kumar Sharma	General Duty Worker	Administration
8	BSDU0029	Mr.Vishnu Nayak	General Duty Worker	Administration
9	BSDU0050	Mr.Hanuman Sahay Sharma	Supervisor Facility	Administration
10	BSDU0052	Mr. Jitendra Kumar Piploda	Care Taker Ashiana	Administration
11	BSDU0094	Mr. Rameshwar Shreemal	General Duty Worker	Administration
12	BSDU0139	Sub. Shrawan Kumar	Hostel Supervisor	Administration
13	BSDU0191	Capt. Hari Singh	Hostel Warden	Administration
14	BSDU0194	Col. Pradeep Yadav	Administrative Officer	Administration
15	BSDU0222	Mr. Hemraj Jat	General Duty Worker	Administration
16	BSDU0251	Ms. Manju Devi	General Duty Worker	Administration
17	BSDU0254	Sub. Ranvir Singh	Hostel Supervisor	Administration
18	BSDU0262	Mr. Arjun Prajapat	General Duty Worker	Administration
19	BSDU0138	Mr. Sohan Singh	Assistant Admission Officer	Admission Cell
20	BSDU0149	Mr. Alok Kumar Singh	Admission officer	Admission Cell
21	BSDU0219	Dr. Surya Akbar	Sr. Admission Officer I	Admission Cell
22	BSDU0220	Ms. Priyanka Sharma	Admission Counsellor	Admission Cell

23	BSDU0221	Ms. Ravni Talwar Guj	Front Office Executive	Admission Cell
24	BSDU0122	Ms. Pooja Sharma	PS	Computing Skills
25	BSDU0054	Mr. Ram Aadhar Dubey	Professor & Project Manager	Construction Skills
26	BSDU0038	Mr. Pankaj Garg	Civil Engineer	Construction Site
27	BSDU0079	Mr. Sangeet Kumar Sinha	Assistant Project Manager	Construction Site
28	BSDU0101	Mr. Arun Kumar	Jr. Engineer Civil	Construction Site
29	BSDU0185	Mr. Kalu Ram	Manson	Construction Site
30	BSDU0196	Mr .Om Prakash Verma	Junior Engineer	Construction Site
31	BSDU0244	Mr. Suresh Kumar Meena	Driver cum Assistant	Construction Site
32	BSDU0245	Mr. Umesh Narula	Junior Enginer Civil	Construction Site
33	BSDU0110	Mr. Gajendra Singh Rathore	PA	Electrical Skills
34	BSDU0056	Ms. Shanti Thapa	PA	Entrepreneurship Skills
35	BSDU0150	Mr. Alok Kemani	Office Supdt	Entrepreneurship Skills
36	BSDU0126	Mr. Bajrang Lal Choudhary	PA	Examination Cell
37	BSDU0193	Ms. Alka Choudhary	Clerk	Examination Cell
38	BSDU0128	Sub. Gopal Singh	PS	General Education
39	BSDU0271	Mr. Shankar Singh	PA	Health Care & Paramedics Skills
40	BSDU0182	Ms. Nihala	PA	Hotel Management & Tourism Skills
41	BSDU0127	Sub. Major Amar Singh Shekhawat	PS	HR Office
42	BSDU0148	Ms. Diksha Sharma	Jr. HR Executive-I	HR Office
43	BSDU0158	Mr. Babu Lal Meena	General Duty Worker	Library
44	BSDU0046	Mr. Umesh Prajapat	Plumber	Maintenance & Purchase Cell
45	BSDU0051	Mr. Ram lal Lamba	Mason	Maintenance & Purchase Cell

46	BSDU0136	Mr. Ganesh Singh	Electrician	Maintenance & Purchase Cell
47	BSDU0171	Mr. Mukesh Kumar Sharma	Office Boy	Maintenance & Purchase Cell
48	BSDU0263	Ms. Mona Joshi	PA Cum Store Executive	Maintenance & Purchase Cell
49	BSDU0021	Mr. Rajesh Saini	Maintenance Supervisor	Manufacturing Skills
50	BSDU0043	Mr. Brajmohan	Store Executive	Manufacturing Skills
51	BSDU0172	Ms. Varsha Sharma	PA	Manufacturing Skills
52	BSDU0049	Sub. Sultan Singh	PS to Provost	Provost Office
53	BSDU0268	Mr. Manohar Gupta	Workshop Technician	RAC Skills
54	BSDU0025	Mr. Kalu Ram Choudhary	Driver	Transportation
55	BSDU0027	Mr. Ram Swaroop	Driver	Transportation
56	BSDU0032	Mr. Pinki Prajapat	Driver	Transportation
57	BSDU0048	Mr. Rajesh Kumar	Driver	Transportation
58	BSDU0103	Mr. Papu Lal Chaudhary	Driver	Transportation
59	BSDU0104	Mr. Sunil Borana	Driver	Transportation
60	BSDU0105	Mr. Sunil Kumar	Driver	Transportation
61	BSDU0115	Mr. Kishan Lal Verma	Driver	Transportation
62	BSDU0131	Mr. Mohd Arif	Driver	Transportation
63	BSDU0132	Mr. Om Prakash Jat	Driver	Transportation
64	BSDU0145	Sub Krishan Kumar	Transport Supervisor	Transportation
65	BSDU0153	Mr. Babu Lal Nodal	Driver	Transportation
66	BSDU0154	Mr. Sandeep	Driver	Transportation
67	BSDU0155	Mr. Sandeep Kumar	Driver	Transportation
68	BSDU0205	Mr. Gopal Singh	Driver	Transportation
69	BSDU0238	Mr. Anand Singh	Driver	Transportation
70	BSDU0239	Mr. Deen Dayal Sharma	Driver	Transportation

71	BSDU0031	Sub. Ram Kumar Singh Mahla	PS to President	VC Secretariat
72	BSDU0095	Mr. Jeet Ram Choudhary	General Duty Worker	VC Secretariat
73	BSDU0102	Sub. Ram Singh Shekhawat	PS to Registrar	VC Secretariat
74	BSDU0231	Mr. Yogesh Kumar Sharma	PA-cum-Clerk	Academics

TEAM BSDU



Prof. Achintya Choudhury
President



Dr. Susheela Sharma
Registrar



Team Automotive Skills



Team Construction Skills



Team Electrical Skills



Team Entrepreneurship Skills



Team General Education



Team RAC Skills



Team Healthcare Skills



Team Hospitality and Tourism Skills



Team Computing Skills



Team Manufacturing Skills



Team Metal Construction Skills



Team Woodworking Skills

PHOTO GALLERY



Smart India Hackathon



National Seminar on Advances in Manufacturing System and Composite Fabrication



Tree Plantation Drive



In-Service Training Program for IAS and CSS Officers



7 Day Training of Assessors Program on Power Distribution Job Roles



Inauguration of Beauty & Wellness Lab



Rajasthan ITI Skill Development Olympiad 2019



Participation in Innovation Expo at Birla Auditorium from on 18 - 20 August 2019



Editorial Team



Dr. Kiran Shekhawat
Assistant Professor (English)



Dr. Ajay Sharma
Assistant Professor (English)



Dr. Sangeetha Noval
Associate Professor &
Principal In-charge
School of General Education



Dr. Purna Srivastava
Assistant Professor (English)



Dr. Rakesh Choudhary
Assistant Professor
(Mathematics)



BHARTIYA SKILL DEVELOPMENT UNIVERSITY JAIPUR

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

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