

BSDU NEWSLETTER

School of General Education

Convocation
Special Issue

ISSUE 9 . Jan-June, 2022



1st

CONVOCATION - 2022

BECAUSE, A **SPECIAL JOURNEY**
DESERVES A **SPECIAL BEGINNING**





"Vision without action is merely a dream. Action without vision is merely passing time. But vision and action together can change the world."

Dear All,

Welcome to the ninth issue of the BSDU Newsletter!

This Special issue of the Newsletter, in addition to the various curricular and extracurricular activities of the University, proudly documents the historic occasion- the 1st Convocation Ceremony of BSDU held with grace and splendour on 7 May 2022 under the able leadership of the BSDU management.

The first Convocation Ceremony of BSDU has been one of the most awaited events of our academic calendar, as it is the outcome of the farsightedness, years of commitment and perseverance of the founders of BSDU - Late **Dr. Rajendra Kumar Joshi**, and his wife **Mrs. Ursula Joshi**, the present Chairperson of the University who envisioned imparting Vocational Education to address the palpable socio-economic concerns of the Country and to provide practical and viable solutions to the global problems by preparing a workforce to meet the challenges of the emerging society. It has also been a memorable day for the graduating students, geared to commence their new journey as Skilled Professionals.

Striding towards skilling, reskilling and upskilling the Indian youth in order to make them industry ready, this young and exemplary University has pioneered a distinct pathway to make the much required breakthrough in the existing academic/employment scenario of the country ultimately contributing to nation building.

This Convocation signifies the attainment of dreams and fruition of the efforts of our fond founders which enabled BSDU witness 236 students equipped and enriched with skills receiving their B.Voc, M.Voc. and Ph.D. degrees heralding a new era in terms of Vocational Education.

With our rich experience of the past years and our enlightened mentorship, we look forward to elevating the University to greater heights dedicated to liberate humanity with Vocational Education.

The editorial team extends its sincere thanks to each and every one for making this special issue of the Newsletter possible.

Dr Sangeetha Noval
Officiating Registrar & Head,
School of General Education



Activities @ BSDU

New Year Celebrations

An eventful beginning of 2022

"And to make an end is to make a beginning"



Following the tradition of celebrating events, occasions and festivals, the employees of the University gathered in the Administration Block with their heightened spirit and enthusiasm for the celebration organized by the HR office to welcome the New Year 2022. In midst of exchanging greetings and wishes for the New Year, a cake-cutting ceremony was held. President, Prof. Achintya Choudhury delightedly cut the cake and wished everyone a very happy and safe year. Registrar, Dr. R. Nesamoorthy, all the Principals, Project Heads and the faculty/non-teaching staff enjoyed the zealous celebration.

MOUs SIGNED

Carrying forward the legacy of collaborative growth, the following MoUs were signed by the University to get associated with the following bodies for mutual growth and development:

SN	MOU with	Purpose	Date signed on
1	Regen Hospital, Jaipur	Affiliation – BSc Nursing Course, Skill Based Training, Education, Research and Development and Employment	07.01.22
2	Regen Hospital, Jaipur	Training – BSc Nursing Course , Skill Based Training, Education, Research and Development and Employment	07.01.22
3	Dr. B Lal Lab Pvt Ltd, Jaipur	Skill Based Training, Education, Research and Development and Employment	13.05.22
Non-Disclosure Agreement			
1	Jaipur Foot Club	Evaluation of the feasibility of Business relations	20.04.22

Fire Safety Workshop



As an initiative towards equipping the students with life skills, a workshop on fire safety was conducted at the new campus by the School of Electrical Skills on 5 January 2022. Mr. Ganpat Choudhary from the Fire Safety Association of India conducted the session in the workshop. Students of the various Schools got benefitted by participating in the workshop

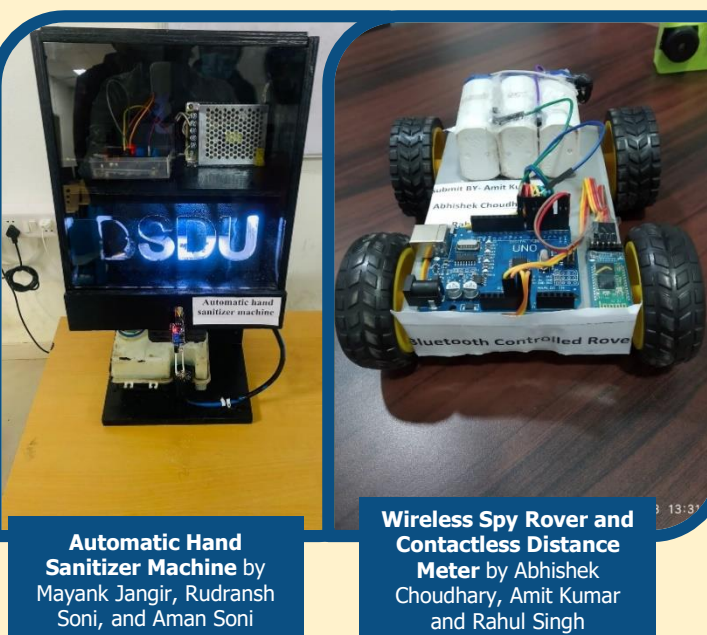
Display of Talent @ Project Exhibition

Doing is Learning

Demonstrating innovation and creativity, the students of V semester, School of Computing Skills under the expert guidance of the faculty of the School made IoT-based projects which were proudly displayed in the IOT lab on 13 January, 2022. The major projects made by students included Automatic Hand Sanitizer machine, Wireless Spy Rover, Contactless Distance Meter, Face Recognition Based Attendance System and Gas Detector.

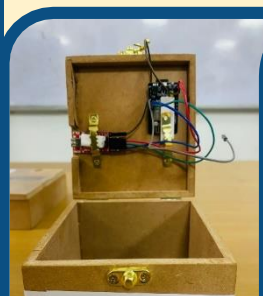


Project Exhibition @ SCS

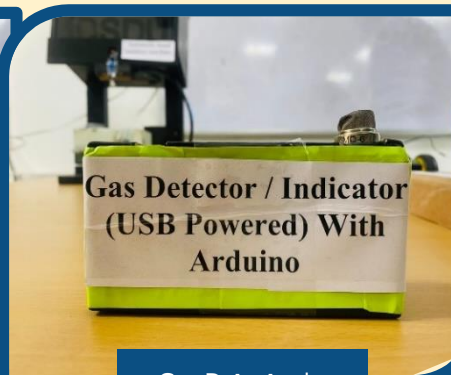


Automatic Hand Sanitizer Machine by Mayank Jangir, Rudransh Soni, and Aman Soni

Wireless Spy Rover and Contactless Distance Meter by Abhishek Choudhary, Amit Kumar and Rahul Singh



Face Recognition Based Attendance System by Harshit Arora and Prakhar Jain



Gas Detector by Yash Suman

Corporate Training – JCB INDIA



In addition to imparting skill training to the students of the University, BSDU also conducts trainings for employees of reputed industries using the world class infrastructure. As a part of the ongoing Career Development Programme (scheduled from June 2021-November 2022), the School of Manufacturing Skills extended training to 25 employees of JCB India, Jaipur, twice a week from January 22 – June 22. Various trainers, including Mr. Hemant Sharma, Mr. Deepak Swami conducted the training.

The Republic Day Celebrations *Setting the Patriotic fervour at BSDU*

BSDU celebrated Republic Day on the University premises with patriotic zeal and zest on 26 Jan 2022 in the presence of Mr. Jayant Joshi (Chief Functionary, RUJCT), the Chief Guest of the day, Prof. Achintya Choudhury (President),

Dr. R. Nesamoorthy (Registrar) and Mr. Anil Kumar (Member, Board of Management, BSDU). The Principals of the various Schools, Dept. Heads, faculty/ trainers, non-teaching staff and students were a part of the grand celebration held in adherence to the Covid guidelines.



The chief guest Mr. Jayant Joshi, Prof Achintya Choudhury and the other dignitaries unfurled the National Flag to proudly flutter in the liberated airs carrying the scents of the sacrifices and struggles undergone by our patriots to hold our tricolour high. The event was followed by the National Anthem. President BSDU and the Chief guest addressed the gathering and highlighted the essence of the day. The celebration was followed by refreshments for everyone gathered.

Felicitation of the Star Performers @ India Skills 2021

Excellence is a habit @ BSDU



It was a historic moment for our young and exemplary University to honour the students of BSDU who had won medals in the **India Skill**

Competition, 2021, held at the state, Regional and National Levels. It was a proud moment when our students performed brilliantly in National Competition - India Skills 2021 held at Bangalore / Delhi, from 6-10 January 2022. Out of the ten medals received by Rajasthan, one gold, one silver and five excellence awards were bagged by seven of our students who qualified to represent the University in the next level of competition.

As a token of appreciation, the Star-Performers of the competitions were felicitated on 31 January 2022 at BSDU in the presence of Mr. Jayant Joshi- the Chief guest of the day, Mr. Abhishek Joshi, Director, RUFIL, Mr. Mohammad Kalam, State Engagement Officer, NSDC, Mr. Ghanshyam Das Gurjar, OIC, RSLDC- the Guests of Honour, Prof Achintya Choudhury - President, Dr. R. Nesamoorthy-Registrar, Mr. Kastriot Komani-Project Manager, School of Healthcare & Paramedic Skills, Prof B. K. Jha - Principal, School of Manufacturing Skills and Dr. Rajdeep Deb-Principal, School of Entrepreneurship Skills. The students were awarded with certificates of merit, Gold/ Silver medals and were also adorned with turbans (safas) as a mark of respect and appreciation.



Workshop for DDU-GKY Trainees



BSDU Jaipur was the knowledge partner for the training of 50+ PIAs of DDU-GKY on the new areas of employment/avenues organized by RSLDC. Eminent resource persons for workshop were Mr. V. K. Sharma (Director of MSME-DI, Ministry of MSME - GoI, Jaipur), Dr. Anand Poddar (Chairman of the group of Poddar Colleges), Mr. Christoph Frei (Project Manager, School of Woodworking Skills), Dr. Rajdeep Deb (Principal, School of Entrepreneurship Skills), Mr. Suresh Chaudhary (Assistant Manager, DDU-GKY, RSLDC), Mr. Geet Goswami (Assistant Director, Commissionerate of Industries), Mr. Subhash Sharma (General Manager, DIC, Rural, Jaipur), Mr. Shilpi Rajpurohit (General Manager, DIC, Urban, Jaipur) and Mr. Ratan Singh (State Coordinator, DDU- GKY, RSLDC).

Evaluation of Specimens for HMT Machine Tools Limited, Ajmer

The expert trainers of the School of Manufacturing Skills in capacity of judges of a Skill Competition evaluated and prepared the inspection Reports on the specimens (conforming to the drawings of the parts) produced by the employees of HMT Machine Tools, Ajmer

during their in-house skill competition held in various trades on 2 February 2022. Mr. Rachit Tiwari (Senior Trainer, SMS), Mr. Deepak Swami Mr. Akash Gade, Mr. Munendra Koli(Trainers), examined 15 parts and gave their judgements on the same.



The Annual Sports Week



The annual event - Sports Week @ BSDU was inaugurated on 5 February, 2022 in the presence of the dignitaries- Prof. Achintya Choudhury, Dr. R. Nesamoorthy, all the Principals of the Schools, Project Heads, HRO and the students. President gave a motivating address to the students highlighting the importance of sports. He declared the Sports week open followed by the inaugural match played between Mr. Kastriot Komani, the Project Head, School of Healthcare & Paramedic Skills and the Dr. R. Nesamoorthy, Registrar. The opening match set a spree of enthusiasm and vigour among students resulting in their overwhelming participation in various Sports Activities.



Championship Winner
TEAM JAGUARS

The Closing ceremony of the weeklong sports-event was held on 12 February 2022 in the lawns of the Old Campus in the presence of Mr. Jayant Joshi-the chief guest of the day and Mr. Markus Gmiener (CEO, JCF, Switzerland)-the Guest of honour, Prof. Achintya Choudhury (President) and Dr. R. Nesamoorthy (Registrar) in addition to the Project Managers, Principals of all the Schools, the Heads of the various departments & offices at BSDU, the faculty and trainers of all the Schools, the non-teaching staff and students. The final Volley ball match was played between the teams- the Jaguars and the Tigers during the Closing Ceremony in the presence of the dignitaries and the team Tigers, represented by the staff of BSDU won the match.



Following the match, medals were awarded to the winners and runners up of all the athletic, indoor and the team events held during the week under the staff and student categories. The Team Jaguars won the Annual Sports Championship February 2022. The details of the winners are as given below:

100m Race	
Student Female	Student Male
Niyatee Smart	Sanskar Khandelwal
Staff Female	Staff Male
Ms. Rikky Kumari	Mr.Hanuman Jat

200m Race	
Student Female	Student Male
-	Vipul
Staff Female	Staff Male
-	Mr. Sumit Gour

400m Race	
Student Female	Student Male
Khushi Saini	Dhramchand Jat
Staff Female	Staff Male
Ms. Rikky Kumari	Mr. Sumit Gour

1600m Race	
Student Female	Student Male
Priya Rajput	Dhramchand Jat
Staff Female	Staff Male
-	Mr. Kumar Sanu

Discuss Throw	
Student Female	Student Male
Manisha Prajapat	Anil Choudhary
Staff Female	Staff Male
Ms. Rikky Kumari	Mr. Hanuman Jat

Javelin Throw	
Student Female	Student Male
Tara Kumawat	Ravi Kumar Sharma
Staff Female	Staff Male
Ms. Pooja Sharma	Mr. Bhagirath Choudhary

Shot put Throw	
Student Female	Student Male
Priya Rajput	Abhishek Kumar
Staff Female	Staff Male
Ms. Rikky Kumari	Mr. Hanuman Jat

Long Jump	
Student Female	Student Male
Priya Rajput	Abdul Rahman
Staff Female	Staff Male
Ms. Rikky Kumari	Mr. Hanuman Jat

Triple Jump	
Student Female	Student Male
Niyatee Smart	Vipul
Staff Female	Staff Male
Dr Kiran Shekhawat	Mr. Hanuman Jat

Table Tennis

Student Female	Student Male
-	Ashish Kumar Sharma
Staff Female	Staff Male
Dr. Sumitra Singar	Dr. R. Nesamoorthy

Carrrom

Staff Female	Staff Male
Ms. Pooja Sharma	Mr. Jitendra Mathur

Badminton

Staff Female	Staff Male
Ms. Surabhi Pareek	Dr. R. Nesamoorthy

Chess

Staff Female	Staff Male
-	Mr. Devendra Pathak

Kabaddi

Team Jaguars

Football

Team Jaguars

Cricket

Team Jaguars

Basketball

Team Tigers

Volleyball

Team Tigers

Health Check-up Camp

Good Health is Happiness



Considering the wellness of the BSDU employees, the School of Healthcare and Paramedic Skills in collaboration with Jayoti Vidyapeet Women's University, Jaipur organized a Health Check-up Camp on 10 February 2022. A good number of medical interns of the University conducted health check-up for all the students and employees of BSDU. The camp was organized at the Healthcare Skills Lab, Polymenchanic Block from 10:00 a.m. to 1:00 p.m.

E-National Level Awareness Programme, 'SAMBHAV' by MSME

On 4 March 2022, an exclusive session was organized for the students of BSDU by the Ministry of the (MSME), i.e. Micro, Small & Medium Enterprises on e-National Level Awareness Programme 'SAMBHAV' on virtual mode from 2:00 p.m. to 4.30 p.m. The e-National Level Awareness Programme 2021 'SAMBHAV' was launched by the Hon'ble Union Minister of MSME Shri Narayan Rane calling for the engagement of the youth in promoting entrepreneurship leading to the Economic development of the country.

In the presentation held for the students of BSDU, Shri Navneet Agarwal, Asst. Director, World Trade Centre, coordinated and moderated the session. Shri Girish Sharma, Asst. Director, MSME- DI, Jaipur, discussed the theme of the Programme, the activities of MSME-DI, Jaipur & Schemes of the Ministry of MSME and State Government. The session was followed by the address by Mr. V. K. Sharma, Director MSME-DI, who highlighted the Importance of Entrepreneurship, Handholding and also shared a few success stories. Shri Lalit Ahuja, Managing Director, Ahuja Group of Industries, Jaipur, shared his talks held with the local successful entrepreneurs. Smt. Kanika Kalia, Director & Head, BIS Branch Office- Jaipur-1, in her informative address detailed the Bureau of Indian Standard, Safety and Health, BIS Mandatory Licenses etc. Shri Rakesh Pati, Senior Manager, (Training) MSME Technology Centre Bhiwadi, highlighted the Role of MSME Technology Centres in Promotion

and Development of Innovation & Industries. A few motivational videos were also included in the programme to generate an entrepreneurial spirit among the young learners.

The officials addressed the numerous queries raised by the students of BSDU and also brought to light the facilities and support provided by the Ministry of MSME to the budding entrepreneurs in their entrepreneurial ventures.

Prof. Achintya Choudhury, President, BSDU was highly appreciative of the initiative taken by the Ministry of MSME and was thankful to Mr. R. S, Dahiya , I.E,D.S, Asst. Director, MSME, Govt. of India for his instrumental support in organizing the session exclusively for the students of BSDU. He also emphasized on students having a firm determination to become successful entrepreneurs and highlighted the skill development support extended by the various Schools of BSDU in developing the required entrepreneurial skills and spirit in students.

Dr. Sangeetha Noval, Head, School of General Education, BSDU, on behalf of BSDU extended thanks and gratitude to the officials and dignitaries from the Ministry of MSME for having organized an informative and an enriching session to benefit the students of BSDU.

Health Awareness Program at HCG Cancer Centre

Prevention, Screening & Early Detection of Cancer in Women

On the occasion of International Women's Day, an appreciable gesture of the Management

of BSDU portraying the care and concern towards ensuring good health of all female employees including their female dependents was shown by organizing a Health Awareness Program at HCG Cancer Centre, HCG Hospital, Shipra Path, Mansarovar, Jaipur on 07 March, 2022, Monday on the eve of the International Women's Day.

The event was organized to create awareness among society to prevent cancer and detect cancer at the early stages. As a part of the programme, all the female employees of BSDU were also made aware about Prevention, Screening & Early Detection of Cancer in Women by the Oncologists of the HCG Cancer centre in addition to their new CSR initiative "Rakshasutra" which gives the facility of free cancer detection investigations like Mammography, PAP Smear & PSA.

All the female employees including the housekeeping staff availed the benefit of free Investigation & Consultation services such as Mammography & PAP Smear tests. The male employees availed the benefit of getting the PSA tested (Blood Test). The Program was followed by High Tea.

Celebrations of International Women's Day



Marking respect and devotion to the women of the World, the International Women's Day @ BSDU was celebrated with great enthusiasm and zeal on 8 March 2022. The theme for this year's observance was "*Gender equality today for a sustainable tomorrow*" and "*Break the Bias*". Gender equality is not only a fundamental human right but a necessary foundation for a peaceful, prosperous and sustainable world, a world free of bias, stereotypes and discrimination, a world that is diverse, equitable and inclusive and a world where difference is valued and celebrated.

The School of General Education coordinated the conduct of the programme, All the female employees and students of the University adorned in shades of pink and purple gathered for the event in Room No 203, Polymechanic block. Dr. Sangeetha Noval, Head, School of General Education deliberated on the importance of Breaking the bias', which was the theme of the day. President in his address emphasized on the importance of Gender Equality for a bias free world and motivated the employees to value their priorities. Dr. R. Nesamoorthy highlighted the diverse roles played by women in the Society. The programme kindled in the female employees, a sense of pride, esteem and confidence to steer their lives maintaining their individuality in addition to adding vibrance and charisma to their personalities. The event got concluded with High Tea.

Holi Celebrations



Holi, more than a festival is an emotion and an expression that celebrates triumph of good over the evil. The festival of colours was celebrated with full joy and excitement on 15 March 2022, at the quadrangle of the Polymechanic Block, BSDU. The students and faculty fraternity exchanged Holi greetings. Gujiyas, pasta and the traditional drink thandai added flavour to the celebration.

On this joyous occasion, President, Prof. Achintya Choudhury delightedly greeted the employees and extended his good wishes. The celebrations of the festival of colours set the spirit of enjoyment and festivity among the employees making it a memorable evening to be treasured for a lifetime!

9th Meeting of the Board of Management

The 9th meeting of the Board of Management was held on 1 April 2022 in the presence of all the Board Members. The Chairperson, Mrs. Ursula Joshi presided over the meeting which was held online via Google meet. Important points pertaining to the 1st Convocation Ceremony and other important administrative /academic issues were discussed.

I  BSDU

We All LOVE BSDU



The School of Welding and Sheet Metal Skills fabricated a metallic structure as a selfie stand **I Love BSDU** and on 25 April 2022 placed it in the garden opposite to the Polymechanic block, serving to be favourite destination for the visitors, students and the employees of the University.

Corporate Training -Abone Surgicals Private Limited, Bengaluru

Adding on to the string of extending corporate training to the employees of reputed Industries, the School of Manufacturing Skills conducted a 24 -day training (from 30 March- 24 April, 2022) for the employees of Abone Surgicals Private Limited, Bengaluru on CNC Turning Machine (Emco Concept Turn 250) and 7 axis Swiss Turn Machine. The training focussed on the introduction to Fanuc 21T, ISO programming for turning, introduction to simulator, technical specification of machine and tools, workshifts on machine, working principles, tool allocation, tool life, bar loader, machine setup and execution to name a few. The training on CNC Turning Machine was conducted by the trainers of the School -Mr. Pranav Singhal and Mr. Sumit

Bhukar while the training on 7 axis Swiss Turn Machine was conducted by Mr. Anirudh Singh and Mr. Shankar Lal Choudhary.

Spreading Awareness about HIV



The School of Healthcare and Paramedic Skills organized and participated in the *No Bags Day* activity under *Samaj Sewa Saptah* for a group of around 150 students in Government Girls Senior Secondary School, Bagru on 2 May, 2022. The School conducted several activities to spread awareness about HIV and also sensitized the female students about *good touch & bad touch*, and menstrual cycle. First aid kits along with a document containing information on HIV issued by the government was provided to the female students by the School.



CONVOCATION 2022

Convocation is one of the most important academic occasions of the University as it is the culmination of its vision and efforts to attain its mission. Bringing out the essence of the institution, BSDU- the young and exemplary University was overwhelmed with joy and pride to have held its first Convocation Ceremony successfully on 7 May 2022 under the mellowed guidance of the mentors- Viz Mrs. Ursula Joshi - the Chairperson BSDU, Mr. Jayant Joshi- the Chief Functionary RUJCT, Mr. Abhishek Joshi-Director RUFIL, Prof Achintya Choudhury –President BSDU, Mr. Markus Gmiener-the CEO JCF and Mr. Anil Kumar-the Board Member, BSDU. This issue of the BSDU is privileged to record below a detailed note on the extravaganza organized in the sprawling lawns of the Old campus of the University :



REPORT



The University held its first Convocation on 7 May 2022 at its Old Campus in the Mahindra World City, Jaipur in a celebratory and graceful manner. The Ceremony commenced with the Academic Procession comprising President, Prof. Achintya Choudhury, Chairman Trustee, RUJCT, Mr. Jayant Joshi, Deans, Members of the Board of Management and the Academic Council, Principals of the various Schools of BSDU and Registrar, Dr. Sangeetha Noval who led the procession to the dais. The auspicious ceremony began with the Saraswati Vandana. The lighting of the lamp was done by the dignitaries following which the Convocation was formally declared open by the President, BSDU.

The Convocation Ceremony began with the welcome address of the Chairperson, Ms. Ursula Joshi. Her address extended a cordial welcome to the chief guest, Prof. Anil D Sahasrabudhe, Hon'ble Chairman, AICTE, Members of the Board & Academic Council, President BSDU, graduands and students, teaching and non-teaching staff, parents and guardians,

sponsoring trustees, government officials and the invited guests. She extended a special welcome to all grandaunts and congratulated them on successfully completing their respective Programmes and receiving degrees and gold medals.

It was a moment of delight to have the welcome address by the Hon'ble Chairperson of Bhartiya Skill Development University (BSDU), **Mrs. Ursula Joshi**, at the Convocation Ceremony. The address is presented verbatim:



Dr. Sahasrabudhe who has graced this 1st Convocation Ceremony of BSDU by his kind presence. Thank you very much! And now, I would like to extend a most special welcome to all those who are receiving the degrees and gold medals today: It is with much delight that I congratulate our graduands for successfully completing their courses. Behind you lies a challenging time: Diligence in learning, and sometimes frustration in dealing with the difficulties that this entails. In the years that lie behind you, you have achieved two things at the same time: a) You have completed your degree and b) you have founded a new University with us. Only with you, the first University's graduands, this University is completed. This occasion marks a great day in initiation of the University's graduands as they receive the hard earned reward of their academic commitment, toil and dedication and are ushered into the world to be forces of development nationally and internationally. To the University, it is a mark of growth as we have nurtured and equipped you over years and we are confident that we are releasing you to the world to make a positive impact. We are proud of you! Thank you and May God bless you all.

“*Dr. Anil D Sahasrabudhe, Chairman, AICTE, Members of the Board & Academic Council, President BSDU, Graduands and Students, Teaching and non-teaching staff, Parents and guardians, Sponsoring Trustees, Government Officials, Distinguished Guests, members of the media and Ladies and Gentlemen, Good afternoon: Today, we celebrate BSDU's 1st Convocation Ceremony and I warmly welcome all of you. Before I start, I'd like to extend a very special welcome to our hon'ble Chief guest*



Detailed report by President on the progress of the University.

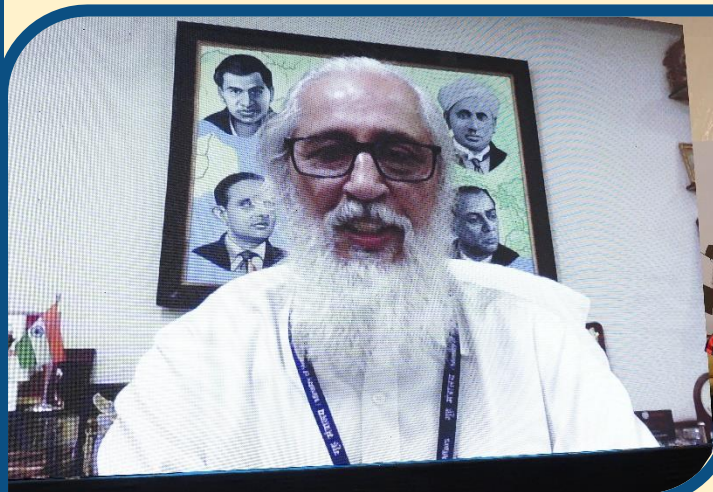
President, Prof. Achintya Choudhury presented a report on the activities of the University and addressed the graduating students: "The competence and confidence you have earned from your education and training at this University will certainly enable and empower you to meet the challenges ahead. There will be changes in the road ahead and you need to remain a lifelong learner to negotiate those changes and challenges in the professional life".



He added that BSDU follows the model of the Swiss Dual System of Skill Training and is equipped with the state-of-the-art infrastructure, machinery and equipment procured from the best manufacturers all across the globe and has a concept of one-student – one machine for delivering its skill training. The students during alternate semesters are placed in industries for their hands on training.

President highlighted the brilliant performance of the BSDU students in the National Competition of India Skills- 2021 held in

Bangalore and Delhi in January 2022. He added that it shall be a moment of pride for BSDU to see the seven students awarded for their excellence in the India Skill Competition 2021, further representing the country in the upcoming World Skills Competition 2022 in Shanghai, China.



The Chief Guest **Prof. Anil D. Sahasrabudhe**, Chairman AICTE, on the occasion of first Convocation of BSDU, delightedly congratulated the students on receiving their B.Voc., M.Voc. and Ph. D. degrees from the exemplary and the first Pure Skill University. He informed the students about the freedom of choice provided by the new National Education Policy (NEP) to the students of vocational courses for skill development with its multidisciplinary approach and also about the due weightage given to all types of skills. He desired that all universities in the country raise their academic standards and strive for excellence in the spirit of NEP. He desired that the technical and vocational institutions, with their dedicated efforts, foster skill development in the country. He was confident about the students of BSDU being highly benefitted in terms of skilling with the help of world-class infrastructure adding to their



knowledge enhancement in addition to practical hands-on training imparted at BSDU which shall go a long way in making them employable and entrepreneurial. He emphasized on the need to rededicate ourselves for skilling not only in manufacturing/technical skills but also in other skill areas.

It was a proud moment for BSDU to have the illustrious Chairman AICTE, **Prof. Anil D. Sahasrabudhe**, as the esteemed chief guest of the Convocation ceremony. With extreme delight he extended his convocational address which is presented verbatim:

"Good afternoon everyone!

I am very delighted and happy to be in the midst of all of you here on this occasion of the first convocation of Bhartiya Skill Development University. Chairperson, BSDU, Mrs. Ursula Joshi ji, President, BSDU, Prof. Achintya Choudhury, Chief functionary, RUJCT, Mr. Jayant Joshi, Members of the board of Management, Members of the Academic Council, Dr. Sangeetha Noval, Registrar, faculty members, all the technicians who have been associated with this university from inception and dear students and their parents, It is indeed a festive occasion, a happy occasion, the first convocation of Bhartiya Skill Development University is happening today. On this very auspicious occasion my congratulations to all the students who are receiving their Diploma in Vocation, Bachelor of Vocation, Master of Vocation and Ph. D. in Vocational degrees from this first ever created private Bhartiya Skill Development University. I know the genesis. We pay our homage to the memory of Late (Dr.)

Rajendra Joshi whom I met for a very short while. In one of those meetings, I found the passion with which he has started this university putting in all the money that he has earned from Switzerland and bringing it to India for the development of skills in our country. The roots being from Rajasthan, he decided to do it in Jaipur and I am sure all the students who have taken benefit of this particular university in terms of skilling themselves providing them the world class facilities in terms of not only education but the practical hands on learning which will go a long way not only in terms of employability of all of you, dear students who are graduating today but some of you will turn out to be entrepreneurs in the same line as Late (Dr.) Rajendra Joshi and will create more universities, more centres for skilling of our youth in our country. On this occasion, I look forward to the system that was imported from Swiss System, of what we call Dual System, some part of the theory being done in the college environment or university or classroom and then the remaining part of hands on being undertaken in the real life industry, has been taken to the next conclusion with huge infrastructure facilities being created here in Jaipur.

I am sure many universities who have started round the same time and much later, all will take a cue from this exercise, the experience that this university has been able to learn and take to the next level of not only skilling, lot of research and development, lot of entrepreneurship abilities being developed in terms of creating incubators on the campus, thereby students get an opportunity to become



businessmen or creating their own start-ups. This is what the nation is looking for. Today we are at a crossroads, we have just completed a cycle of pandemic, unfortunately this has come about hundred years later. Dr. Rajendra Joshi was also unfortunately not here because of the same reason, we need to rededicate ourselves that it is not only skills in terms of manufacturing but also in terms of medical industry. He was himself from medical/pharma background, so how we can create new drugs/medicines, how drug delivery systems can be created which will help people/patients from remote areas, like rural areas, and tribal areas. I think that is another area which needs to be addressed in terms of skilling. Our skill-sets in terms of art, craft, design, may be music, dance, drama is also equally important. It is not just manufacturing skills or assembly skills or what we call the marketing skills are also equally important but all variety of skills and our nation is known for –aap sab jaante hain 64 kalao ke baare mein hum baat karte hain, there are 64 skill sets and how each one of them can be imparted in a university system of this nature with lot of vertical mobility, horizontal mobility, someone who has gone to an engineering or an arts college, does not fit there and wants to do something on the skilling side, must be able to join anytime or someone who is doing here skill part of it, vocational part of it, wants to go and earn a BA in Economics, that flexibility is also required. And fortunately, the new National Education Policy empowers by way of providing all of this in a package deal where multiple entry, multiple exit is possible. Student, whatever he wants to learn or she wants

to learn, the choice is that of the student and how we can provide this education at a very affordable cost and that's why while we talk about excess equity, we also talk about affordability, we talk about accountability, we talk about accreditation of our programs, so the new National Education Policy with all its phenomena is going to really enrich our education system and will be the best amongst all the countries of the world. We look forward to that day where every student who has entered into the higher education sector, forget about that, even in the school sector, from the high school onwards will have ample opportunities to get themselves skilled and become employable. And most important part is this particular skilling, right from school time will entertain the families in terms of what is required to be done in the future but we will also learn the lessons of dignity of labour and therefore a country of our size of 1.4 billion, with very few skilled manpower who are available today to take it to a new level where by more than 60-70% students will all get skilled, will create high quality products, high quality processes and the nation will get benefitted in the process. Our economy will grow. Large number of jobs will get created and the whole world will look forward for India as the destination for manufacturing or any other services for development. With these few words, I once again congratulate all the graduating students, the hard work that the teachers and faculty of this institution have put in and parents who have sent you for getting high quality education, My Pranaam, Namaskar, Greetings to all of you and my best wishes for all of you to excel. Jai Hind! Namaska!"





The event also witnessed the brightest and the best performing graduates being conferred with 'Dr. Rajendra Kumar Joshi Gold Medal' and 'Rajendra & Ursula Joshi Charitable Trust Gold Medal (RUJCT)' for their excellence in academic performance. 'Dr. Rajendra Kumar Joshi Gold Medal' was awarded to 5 B.Voc. graduates of the batch, securing the highest CGPA viz. Madhusudan Singh Rathore, Monika Sarodia, Rajaryan Kumawat, Pooja Jangid and Sunil Kumar Naga while the 'RUJCT Gold Medal' was awarded to 11 students from each school securing the highest CGPA viz. - Madhusudan Singh Rathore, Lokesh Kumar, Chetan Sharma, Bhim Singh, Harshit Sharma, Ayush Sharma, Ashwani Dhankhar, Anurag Singh Shekhawat, Manisha Sharma, Rajni Gupta and Ishwar Singh Shekhawat. In all, the 236 graduands who were conferred with degrees in their respective skill areas, included 221 graduates of the B. Voc. Programme, 10 of the M. Voc. Programme and 5 candidates of the Ph.D. Programme.



Administration of Oath



Prof. Shishir Chandra Bhaduri, the Dean, Automotive, RAC & Electrical Skills and R & D administered the oath to the recipients of degrees.



The Chief Functionary of RUJCT, Mr. Jayant Joshi in his address to the gathering thanked the Hon'ble Chief Guest for being a part of the historic occasion of the first Convocation of Bharatiya Skill Development University and also thanked the Graduates, Parents, Students and the employees of BSDU for being a part of the memorable event. He congratulated all the young graduates and added that the achievement was the outcome of the hard work and dedication of students, support of their parents, and constant mentoring of the students by the faculty members, which had helped them complete their journey successfully at BSDU. He further added that the broader vision of BSDU is to create a world-class infrastructure for training, research, innovation, entrepreneurship and industrial internships.



Vote of Thanks



Dr. Sangeetha Noval, Registrar, BSDU proposed the vote of thanks. On behalf of the BSDU, she thanked the chief guest of the day for his privileged presence and for his insightful address. She saluted the philanthropic spirit of the Joshi family and their visible concern for the Socio Economic problems of the Country who thought of BSDU for preparing a workforce to meet the challenges of the emerging digital Society, to provide practical and viable solutions to the global problems. She expressed immense gratitude to the Chairperson for her constant support and guidance in organizing the extravagant Convocation Ceremony. She also thanked Mr. Jayant Joshi, Prof. Achintya Choudhury, the members of the Board and Academic Council, Mr. Abhishek Joshi, faculty and trainers, students, parents and the invited guests present in the event.

The MoC of the Programme, Ms. Rashmi Chaudhary, the HR Manager, BSDU coordinated the conduct of the historic event which got concluded with sumptuous high-end refreshments.

The concerted efforts of the Exam Cell under the prudent guidance of the Incharge COE, Dr. Purna Srivastava right from providing the data about the graduates till the coordination of distribution of Gold Medals and Degrees during the convocation ceremony contributed in the smooth and successful conduct of the momentous event.





Certificate of Excellence



Dr. Rajendra Kumar Joshi Gold Medal



MADHUSUDAN SINGH RATHORE



MONIKA SARODIA



RAJARYAN KUMAWAT



POOJA JANGID



SUNIL KUMAR NAGA



Rajendra and Ursula Joshi Charitable Trust Gold Medal



MADHUSUDAN SINGH RATHORE



ASHWANI DHANKHAR



BHIM SINGH



RAJNI GUPTA



ISHWAR SINGH



MANISHA SHARMA



AYUSH SHARMA



HARSHIT SHARMA



CHETAN SHARMA



LOKESH KUMAR



ANURAG SINGH SHEKHAWAT

Master of Vocation



SURBHI PAREEK



YADUVENDRA SINGH RAWAT



ANIL KATHAT



AMIT KUMAR



SOURAV KUMAR



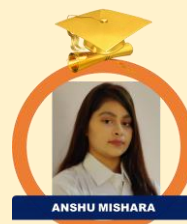
PRIYA AGARWAL



KRISHAN SHARMA



SUMIT KASHYAP



ANSHU MISHARA



MANAV KAUSHIK

Congratulations





Doctor of Philosophy



MAHAK BHATIA



KRITIKA TEKWANI



SHASHI SHARMA



S. GLORY SWARUPA



ANTIMA SHARMA

Bachelor of Vocation

School of Manufacturing Skills		
S.No.	Reg. No.	Name of the Candidate
2019-20		
1	170111W002	Madhusudan Singh Rathore
2	170111W003	Mukesh Kumar Khakhal
3	170111W005	Pardeep
4	170111W006	Shankar Lal Choudhary
5	170111W007	Shiv Shankar Sharma
6	170111W008	Sooraj Ram Choudhry
7	170111W009	Sumit Bhukar
8	170111W010	Dushyant Singh
9	170111W013	Vikash Kumar
10	170111W014	Vinay Poonia
11	170111S001	Aayush Anand
12	170111S002	Abhishek Mani Tripathi
13	170111S011	Ganesh Nittharwal
14	170111S012	Harsh Kumar Saini
15	170111S015	Lokesh Kumar
16	170111S016	Md Noor Islam
17	170111S021	Nasrudeen Khan
18	170111S022	Neelesh Kumar
19	170111S024	Omprakash
20	170111S034	Ram Sharma
21	170111S037	Rohit Yadav
22	170111S039	Shubham Yadav
23	170111S041	Surendra Choudhary
24	170111S042	Tarun Bakoliya
25	170111S043	Vikram Hudda
26	170111S045	Vishal Yadav
2020-21		
27	170111S005	Aman Kumar Bagoriya
28	170111S006	Ankit Kumar Singh
29	180111S002	Abhishek Pareek
30	180111S004	Ankit Saini
31	180111S006	Bablesh Kumar Kharol
32	180111S007	Bharat Kumar Choudhary
33	180111S008	Chetan Sharma
34	180111S009	Deepak Sharma
35	180111S011	Jaypal Kumawat
36	180111S012	Jaipal Singh Panwar
37	180111S013	Khushank Jhamb
38	180111S014	Lalit Kumawat
39	180111S016	Mahendra Singh Mahala
40	180111S017	Manish Singh Pokhariya
41	180111S020	Nagender Singh
42	180111S021	Nilkante VaibhavGangadhar
43	180111S022	Pawan Kumar Jangid
44	180111S024	Pradeep Kumar Pujari
45	180111S025	Pradeep Singh Rathore
46	180111S026	Rajat Pareek
47	180111S029	Shahrukh Khan
48	180111S030	Sudarshan Kumar Mishra
49	180111S031	Sumit Choudhary
50	180111S034	Vijay Rajput
51	180111S035	Vishal Yadav
52	180111S036	Ajay Kumar Sharma
53	180111S037	Pawan Kumar Sharma
54	180111W505	Brajmohan

2021-22		
S.No.	Reg. No.	Name of the Candidate
55	170111W011	Manish Kumar
56	170111W012	Manvendra Singh Rathore
57	180111S018	Mohammed Imran
58	180111S027	Ramesh Kumar Kumawat
59	180111S039	Vikas Sharma
60	180111W504	Jitendra Khandoliya
School of Electrical Skills (ELE)		
S.No.	Reg. No.	Name of the Candidate
2019-20		
1	170211S001	Hansraj Jangid
2	170211S002	Monika Sarodia
3	170211S003	Prince Kumawat
2020-21		
4	180211W003	Rajaryan Kumawat
5	180211S002	Abhijeet Pareek
6	180211S003	Ashish
7	180211S005	Ayush Trivedy
8	180211S007	Deepak Sanchoriya
9	180211S011	Rahul Kumawat
10	180211S013	Sumit Sharma
11	180211S014	Sunil Kumar
12	180211S015	Suraj Chahar
13	180211S017	Ashish Sharma
14	190211S013	Dheeraj Dauliya
15	190211S014	Ishwar Singh
2021-22		
16	180211S004	Ayush Soni
17	180211S010	Naman Pancholi
School of Electrical Skills (RET)		
S.No.	Reg. No.	Name of the Candidate
2020-21		
1	180212S001	Abhishek Verma
2	180212S003	Lakhan Sharma
3	180212S004	Raj Dhaker
4	180212S005	Ruchika Gupta
5	180212S006	Sanjay Kumar Jain
6	180212S008	Pooja Jangid
7	180212S009	Jagdish Chhipa
8	180212S011	Naveen Kumar
School of Woodworking Skills		
S.No.	Reg. No.	Name of the Candidate
2019-20		
1	170311S001	Hanuman Prasad Jat
2	170311S002	Kamlesh Bagra
3	170311S004	Krishan Chand Sharma
4	170311S006	Mohit Kalal
5	170311S008	Rajesh Choudhary
6	170311S010	Vikash Kumar Naga
2020-21		
7	180311W002	Jatan Pal
8	180311W007	Shyonarayan Jat
9	180311S001	Abhishek Sharma
10	180311S002	Anil Sharma
11	180311S003	Bhim Singh

12	180311S004	Dipta Mondal
13	180311S005	Kanhaiya Lal Sharma
14	180311S008	Purshotam Saini
15	180311S009	Rahul Kumar Sharma
16	180311S010	Rakesh Sharma
17	180311S011	Sachin Sharma
18	180311S013	Shantanu Solanki
19	180311S014	Shyoji Ram Sharma
20	180311S017	Dharamchand Kalirawana
2020-21		
21	180311W501	Jayesh Gupta
22	180311W502	Sunil Kumar Naga
School of Automotive Skills		
S.No.	Reg. No.	Name of the Candidate
2019-20		
1	170411S001	Ajay Choudhary
2	170411S004	Ashok Kumar Prajapat
3	170411S005	Ganesh Jakhar
4	170411S009	Nemichand
5	170411S010	Rajan
6	170411S012	Sharad Chauhan
7	170411S014	Sumit Poonia
2020-21		
8	170411S002	Ankit Anand
9	170411S003	Anugrah Mohan Mishra
10	180411W002	Ishan Surolia
11	180411W003	Pankaj Kumar
12	180411S001	Ashwani Swami
13	180411S002	Bhuvnesh Kumar
14	180411S003	Harshit Sharma
15	180411S004	Jigar Jangid
16	180411S005	Mukesh Kumar Kumawat
17	180411S006	Yash Lakhmara
18	180411S007	Vishal Gautam
19	180411S008	Maresh Saini
20	180411S009	Vikas Saini
21	180411S010	Hindu Singh
22	190411S009	Saksham Sharma
2021-22		
23	180411W501	Anil Lohiya
24	180411W502	Deepak Sangwan
25	180411W504	Praduman Shrigaur
26	180411W505	Sarim Ahmed Shaikh
27	180411W506	Prem Chand
School of Healthcare & Paramedics Skills		
S.No.	Reg. No.	Name of the Candidate
2020-21		
1	190511S001	Navneet Kumar
2	190511S002	Om Prakash
3	190511S006	Kajal Medatwal
4	190511S007	Kismat Bano
5	190511S010	Manisha Valmiki
6	190511S017	Munchun Karariy Jha
7	190511S018	Shivani Jain
8	190511S020	Amisha Patel
2021-22		
9	190511S016	Bheema Ram Prajapat

Congratulations



Bachelor of Vocation

School of Computing Skills (IT & Networking)		
S.No.	Reg. No.	Name of the Candidate
2019-20		
1	170611S003	Sumit
2	170611S004	Tanuj Badhala
2020-21		
3	170611S001	Vikram Malethiya
4	180611W002	Kamlesh Dadarwal
5	180611S001	Aarti Sharma
6	180611S003	Ajay Singh Nathawat
7	180611S004	Akansha Priyadarshni
8	180611S005	Ankit Poonia
9	180611S006	Anurishi Jain
10	180611S007	Ayush Sharma
11	180611S008	Deepak Kumawat
12	180611S010	Kiranjeet Kaur
13	180611S012	Mahesh Kumawat
14	180611S013	Mamta Bishnoi
15	180611S015	Mudit Pareek
16	180611S016	Nitesh Jangid
17	180611S022	Rupam Sharma
18	180611S024	Vijay Choudhary
19	180611S025	Vivek Singh
20	180611S027	Sunil Saini
2021-22		
21	180611S017	Prakhar Jain
School of Computing Skills (ML & AI)		
S.No.	Reg. No.	Name of the Candidate
2020-21		
1	180612S001	Abhishek Kumar Gupta
2	180612S003	Ankit Jhahria
3	180612S005	Ashwani Dhankhar
4	180612S008	Chandra Prakash Jeengar
5	180612S009	Dinesh Prajapat
6	180612S010	Dushyant Khichi
7	180612S012	Lakshya Jain
8	180612S013	Lavish Sharma
9	180612S015	Nishu Sharma
10	180612S017	Riya Sharma
11	180612S018	Sapna Saini
12	180612S019	Shubham Luxkar
13	180612S020	Vishal Singh
14	180612S022	Lokesh Ladna
School of Refrigeration and Air-Conditioning Skills		
S.No.	Reg. No.	Name of the Candidate
2020-21		
1	180711S001	Ankit Choudhary
2	180711S003	Anurag Singh Shekhawat
3	180711S004	Arvind Kumar
4	180711S006	Gaurav Kumar
5	180711S008	Pramod Singh
6	180711S010	Satveer Singh
7	180711S012	Sunil Kumar Sharma
8	180711S013	Suresh Kumar Kumawat
9	180711S014	Tushar Mandal
10	180711S015	Vipin Kumar
11	180711S016	Mohammed Furkan Qureshi
2021-22		
12	180711W502	Harsh Kumar

School of Construction Skills		
S.No.	Reg. No.	Name of the Candidate
2019-20		
1	180811S013	Vivek Tilkar
2	180811S017	Sanjay Sharma
2020-21		
3	180811S002	Arun Kumar
4	180811S004	Gopal Choudhary
5	180811S006	Rahul Choudhary
6	180811S009	Vijendra Choudhary
7	180811S010	Vikas Choudhary
8	180811S015	Harendra Sorot
School of Office Administration Skills		
S.No.	Reg. No.	Name of the Candidate
2020-21		
1	180911S001	Akhtar Raja
2	180911S003	Brij Mohan Sharma
3	180911S004	Ghanshyam Choudhary
4	180911S005	Jameel Khan
5	180911S007	Manisha Sharma
6	180911S008	Manisha Sharma
7	180911S009	Monika Sharma
8	180911S010	Neha Rathroe
9	180911S011	Santosh Devi Nitharwal
10	180911S012	Tushar Gupta
11	180911S014	Vishnu Sharma
2021-22		
12	180911W502	Raghav Gupta
School of Entrepreneurship Skills		
S.No.	Reg. No.	Name of the Candidate
2020-21		
1	181111S003	Chanchal Sain
2	181111S004	Gurudev Jyani
3	181111S006	Mahendra Prajapat
4	181111S008	Pinky Sharma
5	181111S010	Rahul Kumawat
6	181111S011	Rajni Gupta
7	181111S014	Sunil Sharma
8	181111S018	Manish Kumawat
9	181111S021	Deepak Kumawat
10	181111S026	Abhishek Choudhary
2021-22		
11	181111S017	Vishendra Singh

Congratulations!

“Behind you now is yesterday; let your experience and knowledge pave the way. Here's to you and to your success, we know you will give it your best.”

-Theodore W. Higginsworth

International Nurses Day



On the occasion of the International Nurses Day celebrated in the honour of the birth anniversary of Florence Nightingale -the founder of Modern Nursing, the School of Healthcare and Paramedic Skills organized a health checkup for the employees of BSDU on 12 May 2022 at the BSDU campus. The theme for International Nurses Day 2022 was -*Nurses: A Voice to Lead - Invest in Nursing and respect rights to secure global health*. All the employees availed the benefit by getting their pulse rate, oxygen saturation, blood pressure, height, weight, and glucose levels monitored and also got the professionally determined BMI calculated in addition to brief counsel on nutrition and other medical social issues.

An initiative to Spread Awareness on Health and Hygiene



The School of Healthcare and Paramedic Skills organized a Community Outreach Program for around 200 students at St. Xavier's College Nevata on 10 June 2022 to make it a learning experience and spread awareness on menstrual cycle and hygiene. The School distributed First Aid Kits to all the students.

A gesture of gratitude- Tea with President



The support and contribution of the students of BSDU in the successful conduct of the Convocation was highly appreciated and honoured. In order to acknowledge the diligent work of the volunteers, the Exam Cell organized an event on 14 June 2022, Polymechanic Block to honour them for their valuable services in the Convocation Ceremony on 7 May 2022. The volunteers were awarded with certificates of appreciation and also had the privilege of having Tea with President, Prof. Achintya Choudhury.

International Yoga Day

Yoga- The way to healthy living

On account of the International Yoga day on 21 June 2022, BSDU organized a session of yoga. The session was conducted under the supervision of the yoga instructor, Mr. Jeetram



Choudhary. All the employees and students of BSDU came together and practiced Yoga Asanas for better health and well-being and also to spread awareness about the invaluable benefits of Yoga.

The yoga session was held from 9.15 am to 9.45 a.m. in the Quadrangle of the Polymechanic Block, Old campus. President Prof. Achintya Choudhury, Registrar Dr. Sangeetha Noval, all the Principals, Project Heads, and Department Heads were present during the session. The session ended with distribution of buttermilk to the employees and students.

Product Development by SMS

- Addressing the request received from *Jaipur Club Foot Pvt. Ltd.*, the School of Manufacturing Skills developed specimens from 5-30 June 2022 in order to be used by them to aid in the treatment of Club Foot.
- The School of Manufacturing Skills on the request received from Dr. Sonika Saxena, the Vice Principal & Associate Professor, Dr. B. Lal Institute of Biotechnology, Jaipur, developed moulds to make purely organic

and eco-friendly organic dhoop sticks from flower waste. The desired number of parts were manufactured between 12-20 June 2022 on 3 axis CNC Milling Machine (Emco Concept Mill 250) with the use of Mastercam.

Goodness is the greatest virtue



As a part of the activities conducted towards fulfilling the Social Responsibility, an initiative was taken by the University to collect old/spare toys, clothes and footwear from the employees of BSDU which were distributed on 24 June 2022 to the children of the labourers engaged in the construction work at the new campus of BSDU. The noble act served as a source of happiness and delight to the children and the employees as well.

Table Tennis Tournament @ Mahindra Champions League (MCL)



The 2nd season of Mahindra Champions League (MCL) –Table Tennis tournament was organized from 21-23 June 2022 at Food Court, Evolve IT Park, Multi-Sector SEZ, MWC Jaipur. Many of the BSDU faculty participated in the league.

Farewell to Prof. S. C. Bhaduri



On account of attaining his Superannuation, Prof Shishir Chandra Bhaduri-Principal, School of RAC, Dean ARE, and Dean R&D retired after serving the University for around four years. A formal farewell was extended to him on 13 June 2022. President Prof. Achintya Choudhury acknowledged his immense contribution to the University and wished him success in his future ventures. Registrar, Dr. Sangeetha Noval thanked him for his services to the University and wished him the best for his future. Dr. Ritu Tak, Principal, SES & RET. Dr. Sunil Anand and all the faculty and trainers of the School of RAC, SES SAS and RET expressed their gratitude and thanked him for his support and guidance.

Tata Nexon eV at the Automotive Workshop



Considering the growing demands of the skilled labour & technical workforce to drive the

eV Revolution and to keep the skill trainings abreast with the changing technology, the School of Automotive Skills was made available an E vehicle Tata Nexon eV at the Automotive Workshop on 22 June 2022 to provide Hands-on Training on eV for the students pursuing B. Voc., M. Voc. & ToTs.

Research & Development

The Ph.D. Scholar enlisted below successfully defended his doctoral thesis in the viva- voce, becoming eligible for the award of his Doctoral degrees adding more feathers in the cap of the R&D Cell @ BSDU.

SN	Name of the Candidate	School	Title of the thesis
1.	Mr. Kantaprasad Kodhial	SAS	Design and Development of a Thermionic Regeneration System for Waste Heat Recovery in Hybrid Electric Vehicle applying Reverse Engineering

Expert Talks

Expert	Topic	Organizer & Date
Dr. Ritu Tak	Skills in Smart Automation Technology for Practicing computer vision in the progressive industry	Swami Keshvanand Institute of Technology, Jaipur on 3 Feb 2022
Dr. Satyendra Singh	Recent Advancements in Electric Vehicle Technology & the Connected Fields(Online mode)	Anand International College of Engineering, Jaipur from 07th - 11th February 2022

Expert	Topic	Organizer & Date
Dr. Satyendra Singh	Use of Nature-Inspired Algorithm for Decision Making Engineering Problems	JECRC Jaipur on 14 May 2022
	Bidding Strategy for Profit Maximization of Market Participants in Day-Ahead Energy Market	JECRC Jaipur on 21 May 2022
	Bidding Strategies in the Liberalized Electricity Market	MNIT Jaipur on 24 May 2022

Papers Presented in Conferences/Seminars/Symposia

Presenter's Name	Title of the Paper	Venue & Date
Pushpa Koranga	Classification of homogeneous and non-homogeneous single image dehazing techniques.	SKIT, Jaipur, Rajasthan on 4-5 Feb 2022.(online)
	Single image dehazing techniques for different types of hazy images.	Dr. Babasaheb Ambedkar technical university. DBATU, Lonere, Mahahrastra on 12-13 Feb 2022.(Online)
Sumitra Singar	Near Threshold Operation Based a Bug Immune DET-FF for IoT Applications.	SRM Institute of Science and technology Delhi-NCR Campus, Ghaziabad. June 3 rd -4 th 2022. (Online)

Papers/Chapters/Books Published

Author/s	Title of the Paper/Book/Chapter	Publisher/ Journal
Pushpa Koranga, Sumitra Singar, Sandeep Gupta	Single image dehazing techniques for different types of hazy images.	Applied Com. Technologie ICCET 2022/ Springer

Author/s	Title of the Paper/Book/Chapter	Publisher/ Journal
Pushpa Koranga, Sumitra Singar, Sandeep Gupta	Single image dehazing techniques for different types of hazy images.	Emerging technologies in Computer Engineering: Cognitive computing and intelligent IOT. ICETCE 2022. Springer
Sumitra Singar and Raghuvveer Singh Dhaka	Near Threshold Operation Based a Bug Immune DET-FF for IoT Applications	Recent Trends in Computing (ICRTC-2022), Springer
Satyendra Singh	Fast Access Container for Health Care Management Applications on Hadoop Cluster: Hash-Based Extended Hadoop Archive	IEEE Access
	Performance analysis of thin-film solar PV module using pyramid surface texturing approach	Intelligent Data Analytics for Power and Energy Systems. Lecture Notes in Electrical Engineering
Ritu Tak & Satyendra Singh	Investigated the harmonic distortion in different current control techniques of permanent magnet synchronous motor drives	Intelligent Data Analytics for Power and Energy Systems. Lecture Notes in Electrical Engineering
Pancham Kumar	Current situation analysis of solar PV waste management in India	Materials Today: Proceedings
Rajeev Sharma, Binit Kumar Jha, Vipin Pahuja	Role of environmental friendly machining on machinability	Materials Today Proceedings & Elsevier
Rajeev Sharma, Binit Kumar Jha, Vipin Pahuja, Sagar Sharma	Evaluation of Machinability on Duplex Stainless Steel 2205 under Dry and Wet Condition	Materials Today Proceedings & Elsevier

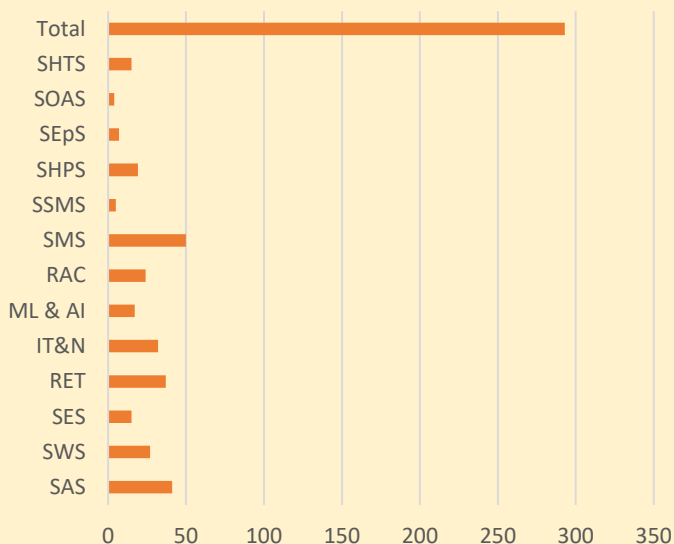
Author/s	Title of the Paper/Book/Chapter	Publisher/ Journal
Rajeev Sharma, Binit Kumar Jha, Vipin Pahuja	Application of RSM and ANN for the Predication and optimization of the circularity Error of DSS 2205 Under Hybrid Cryo-MQL Process	Journal of Xi'an Shiyou University, Natural Science Edition
Perna Srivastava & Sangeetha Noval	Postmodern Praxis in Literature	Prestige Books International
Megha Nigam & Sangeetha Noval	Student's Behavioral Intention in Social Media Platforms	ETMDR-2022
	Marketing in Higher Education Through Social Media	INT-JECSE
	A Systematic Review on Evaluating the Influence of Social Media Marketing in Higher Education in Current Scenario & Future Implications using the PRISMA Model	Mathematical Statistician and Engineering Applications
	Study of Social Media And Higher Education to Find Future Scope Of Research: A Literature Review	Journal of Management & Entrepreneurship
Preeti Nagar	Do Human Resource Practices Cause Turnover Intention In The Hotel Industry In Jaipur, India	ICEMT-2022
	Do Human Resource Management Impacts Middle-Level Employees' Turnover Intention in Hotel Industry	ICSIS- 2022
	The Influence of Human Resource Management Practices on Upper Middle- Level Employees' Turnover Intention in Hotel Industry	SREP-2022

Author/s	Title of the Paper/Book/Chapter	Publisher/ Journal
Preeti Nagar	An Exploratory Case Study on Performance Appraisal - Hotel Industry, Jaipur Rajasthan	The Impact of Accounting and Finance on the Development of Economic Processes
Parveen Parihar & Rakesh Choudhary	Evaluation of the effect of Organic Waste on Nutrient Quality of Compost	Journal of Xi'an Shiyou University
Parveen Parihar	Comparative Study of Composts Produce from Different Organic Waste for proper waste management	ICSIS-2022
	Quality Assessment of Composts from different Organic sources	ICSEEGT 2022
RB Agarwal & Perna Srivastava	Exploring Factors Affecting Non-Performing Assets of Banks with Reference to Small and Marginal Farmers in Rajasthan	ICMC-2022
	Determinants of Non-Performing Assets of Banks with Special reference to Small and Marginal Farmers in Rajasthan.	IJMER

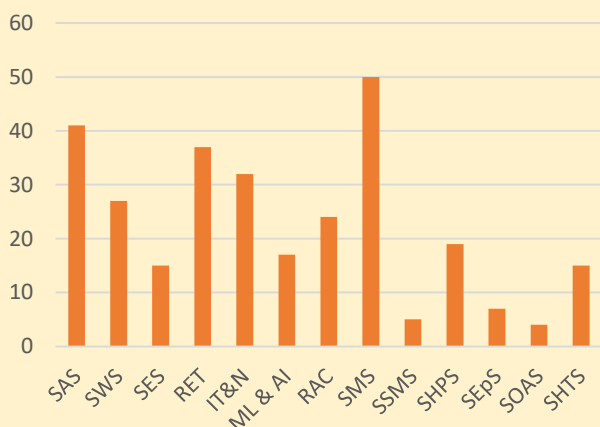
From the T&P Cell

The Training & Placement Cell of the University, actively involved in organizing internship drives for placing students in various companies successfully placed 293 students of the II, IV and VI semesters for internship in various esteemed organizations such as Mahindra, Skoda, Narsi Interiors, JCB, Genus Power Infrastructures, Viha Services, HMT, RS India, Alisha Torrent Closures Ltd. VariableSoft, DoozyDoc Home Care, Hotel Crown Plaza, Hotel Royal Orchid.

Internship Status: All Schools



School-Wise Internship Status



It is notable that all the students of the University i.e. 100% of students were placed in reputed companies like BYJU's, Prem Motors, Nirvana Furnitures, Continental Cooling, RS India, AT Engineers. The students successfully contended through the recruitment process that included Group Discussions in addition to the technical and the HR rounds.

Members @ T&P Cell

Dr. BK Jha : Director, Industrial Relations, BSDU

Dr. Shekhar Kapoor: Training & Placement Officer

Mr. Kamlesh Choudhary: Placement Coordinator, SAS

Mr. Jitendra Mathur: Placement Coordinator, SCS

Mr. Anirudh Singh: Placement Coordinator, SMS

Mr. Sultan Singh: Placement Coordinator, SOAS

Dr. Shekhar Kapoor, Placement Coordinator, SES

Mr. Iqraj Nabi: Placement Coordinator, S Con.S

Mr. Harendar Singh: Placement Coordinator, SWS

Mr. Pawan Kr. Choudhary: Placement Coordinator, School of Electrical Skills

Mr. Najmool Haque: Placement Coordinator, RAC

Mr. Bhagwan S. Bunkar: Placement Coordinator, SWSMS

Mr. OP Shrimal: Placement Coordinator, SHPS

Mr. Vinay Kr. Verma: Placement Coordinator, SHTS

Activities Conducted



Industrial Visits

- ❖ Visit by Officials of JCB India Ltd.
- ❖ Industrial Visit & Meeting with MD, Tambi Motors, Jaipur
- ❖ Visit by Plant Head, SHV Energy Pvt. Ltd., Mahindra World City, Jaipur
- ❖ Industrial Visit by Woodworking Association Members, Sitapura Industrial Association, Jaipur
- ❖ Industrial Visit on 12.04.22 to Chirmi Overseas, Jaipur
- ❖ Visit by AGM of Godrej Ltd.
- ❖ Industrial Visits by Industry Delegates to BSDU in March, 2022
- ❖ Industrial Visit to Gulmohar Lanes Pvt. Ltd., Jaipur

Pre-Placement Talks and Recruitment Drives

- ❖ Recruitment drive by HMT Machine Tools Ltd.
- ❖ Pre-Placement Talk by RS-India, Jaipur

Meeting with Heads of Various Industrial Associations and Industrial Data Collection

The T&P team met the heads of the Bagru Industrial Association, Sitapura Industrial Association, Vishwakarma Industrial Association at Jaipur and Bhiwadi Industrial Association, Rajasthan in addition to the executive committee members of the Federation of Rajasthan Trade and Industries. The details of the industries included in the association were collected with reference to internships and placements of BSDU students.

Collaborations and Additions of New Industry Partners

The T&P team interacted with the Directors and the HR heads of various organizations and added few more industry partners for recruitments and placements viz. Tesca Technologies Pvt. Ltd., Austeofix Surgicals Pvt. Ltd., Godrej & Boyce, Chokhi Dhani Foods, Classic Signages Pvt. Ltd., Gulmohar Lanes Pvt. Ltd., Duratonic Systems Pvt. Ltd., Ensol Multiclean Equipments Pvt. Ltd., Rastogi Steel Furnitures, Decathlon, Somani Group of Industries, Keshav Industries, Arko Business Group, RAD Global Pvt. Ltd.

Participation of T&P Cell in National Apprenticeship Mela by G.O.R

The TPO Dr. Shekhar Kapoor participated as Guest of Honor in the *National Apprenticeship Mela* organized by the Govt. of Rajasthan on 21 April 2022 at the Govt. ITI, Jaipur. Interaction was held with the HRs of companies like JCB, Mahindra, Bosch Ltd., ITC Rajputana Hotel, Genus Power Infrastructure Ltd. including various Govt. officials.



From the desk of HRO

The HR department enriched the Human resources of the University by recruiting a good number of employees in the BSDU family. Many of the existing employees were suitably promoted, a few were appropriately redesignated and a few others were vested with additional responsibilities during January 2022 – June 2022 as detailed below:

New Joinings:

S N	Emp ID	Name	Designation	Date of Joining
1	BSDU0290	Mr Abhishek Sahai	Trainer-II (SHTS)	03.01.2022
2	BSDU0291	Mr Nitin Misra	Administrative Officer	03.01.2022
3	BSDU0292	Mr Rahul Kumawat	Office Assistant	01.02.2022
4	BSDU0293	Ms Anshu Mishara	Office Assistant	01.02.2022
5	BSDU0294	Dr Sunil Anand	Associate Professor & Officiating Principal, SAS	12.04.2022

S N	Emp ID	Name	Designation	Date of Joining
6	BSDU0295	Mr Amit Singh	Admission Counselor	05.05.2022
7	BSDU0296	Ms Divyani Agrawal	Admission Counselor	16.05.2022
8	BSDU0297	Ms Priya Singh Chauhan	Admission Counselor	25.05.2022
9	BSDU0298	Mr Soumya Ranjan Mohanty	Admission Counselor	26.05.2022

Promotions:

S N	Name	School/Department	Promotion
1	Mr Pranav Singhal	SMS	Senior Trainer-II to Senior Trainer-I
2	Mr Bhagwan Sahai Bunker	SMCS	Trainer-I to Senior Trainer-II
3	Mr Harendar Singh	SWS	Trainer-I to Senior Trainer-II
4	Mr Hemant Sharma	SMS	Trainer-I to Senior Trainer-II
5	Mr Kamlesh Kumar Choudhary	SAS	Trainer-II to Trainer-I
6	Mr Akram Razza Mansuri	SMS	Trainer-II to Trainer-I
7	Mr Pradeep Singh Chouhan	SMCS	Trainer-II to Trainer-I
8	Mr Akash Gade	SMS	Trainer-II to Trainer-I
9	Mr Pranjal Maheshwari	SAS	Trainer-II to Trainer-I
10	Ms Nikita Singh	RAC	Trainer-II to Trainer-I
11	Mr Kumar Shanu Sharma	SWS	Trainer-II to Trainer-I
12	Mr Abhishek Sahai	SHTS	Trainer-II to Trainer-I
13	Mr Hemraj Yadav	Accounts	Junior Finance Executive to Finance Executive
14	Lieutenant Amar Singh Shekhawat	HR	PS to Office Superintendent, HR
15	Ms Ravni Talwar Guj	Front Office Executive	Front Office Executive to Senior Executive Admissions

S N	Name	School/Department	Promotion
16	Ms Alka Choudhary	Exam Cell	Clerk to PA, Examinations
17	Mr Shankar Singh	SHPS	PA to Office Executive, SHPS
18	Mr Ramesh Prajapat	Accounts	GDW to Assistant Accountant
19	Mr Babu Lal Meena	Library	GDW to Library Assistant

Re-Designations:

S N	Name	School/Department	Re-designation
1	Dr Shekhar Kapoor	TPO Cell	Senior Admission Officer-I to Training & Placement Officer
2	Mr Rajesh Kumar	Transportation	Driver to Transport Supervisor
3	Mr Rahul Kumawat	Admissions	Office Assistant to Admission Counselor
4	Ms Anshu Mishara	Admissions	Office Assistant to Admission Counselor

Additional responsibilities:

S N	Name	School/Department	Additional Responsibility
1	Dr Sangeetha Noval	General Education	In addition to her responsibility as Associate Prof. in School of General Education, she was appointed as officiating Registrar.
2	Dr Prerna Srivastava	General Education	In addition to her responsibility as AP-I in School of General Education, she was assigned the additional responsibility of Incharge Examination department & Officiating Deputy CoE.
3	Dr Rakesh Choudhary	General Education	In addition to his responsibility as AP-I in School of General Education, he was assigned additional responsibility of Design & Development work in Admission Cell.

Visits @ BSDU

Mazak India



BSDU hosted a delegation on 28 February 2022 from Mazak India headed by Mr. Vivek Sharma, Chairman, Pramod Kore, General Manager, and Gauri Kulkarni, Sr. Manager-HR.

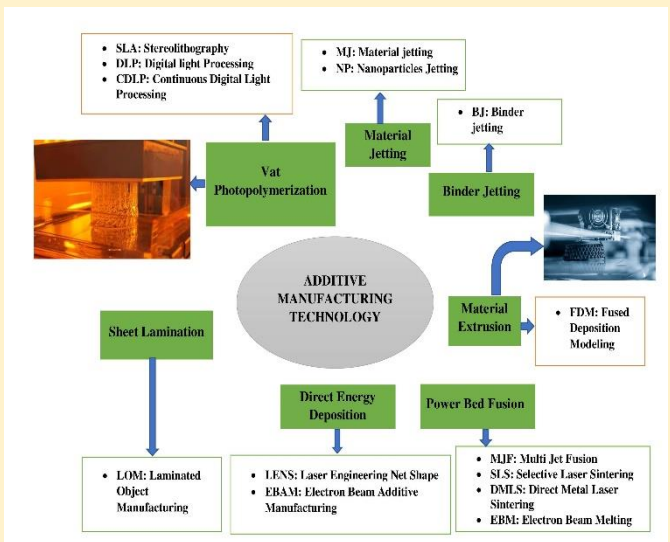
The special bond between BSDU, Jaipur and Mazak India is based on BSDU's commitment to providing the best training to our youth on the best machines of the world.

Articles

3D Printing: Emerging Technology in the Current Scenario

Ms. Rikky Kumari

Trainer, School of Computing Skills



3D printing technology can print an object layer by layer thereby depositing the material directly using a computer aided design (CAD) model. Charles Hull invented stereo lithography, the first commercial rapid prototyping technology commonly known as 3D printing, in 1983. 3D printing is also known as Additive manufacturing. A 3D part is created by building up layers of material to create an additive process. Additive manufacturing processes are the opposite of subtractive Manufacturing processes, which remove raw materials to create final products.

Nowadays, 3D printing is widely used in the world. 3D printing technology is increasingly being used for the mass customization, production of any type of open source designs in areas like agriculture, healthcare, automotive and aerospace.

Types of 3D Printing

Different types of 3D printing technologies have been developed with different functions:

1. Binder Jetting

Binder jetting process starts with the powder material being spread over the build platform using a roller and then the print head deposits the binder on top of the powder (where specified). The build platform lowers to allow for the next layer, and the process repeats until the item is complete. Powder that is not bound is removed.

2. Directed Energy Deposition (DED)

In DED, powder-based or wire-based materials are melted and deposited using a focused thermal energy source, such as a laser, electron beam, or plasma arc. The process can make metal, ceramic, and polymer parts, but it is mainly used for metal parts and in more hybrid manufacturing where the substrate bed can be moved to create complex shapes.

3. Material Extrusion

To construct 3D parts, continuous filaments of thermoplastic or composite materials are used as the most popular AM process in terms of availability and quality. The material in the form of plastic filament fed through an extruding nozzle, where it heated and then deposited onto the build platform layer by layer.

4. Material Jetting

A process in which droplets of wax-like materials are selectively deposited on a build platform. As the material cools and solidifies, layers of materials can be stacked on top of each other. After the build, support structures are either mechanically removed or melted away.

5. Powder Bed Fusion(PBF)

In PBF, there are four types of energy sources: laser fused, electron beam fused, agent and energy fused, and thermally fused. The energy source melts either plastic or metal powder particles, which solidify and fuse together to form the object. The powder bed fusion process uses two chambers, a build chamber and powder chamber, as well as a coating roller.

6. Sheet Lamination

This 3D printing technology builds 3D objects by stacking and laminating thin sheets of material through bonding, ultrasonic welding, or brazing. To create the final shape of the object, laser cutting or CNC machining is used.

7. Vat Photopolymerization

An ultraviolet (UV) laser is used to cure photopolymer liquid resin in a vat layer by layer, turning it into hard plastic parts. The three most common types of this technology include Stereo lithography(SLA), Digital Light Processing (DLP), and Continuous Digital Light Processing (CDLP).

Retrofitting Prospect

Mr. Sourabh Chechani

Trainer, School of Automotive Skills

Retrofitting means to furnish something with new or modified parts or equipment not available or considered necessary at the time of manufacturing.

Steps to consider before retrofitting a vehicle are:

1. The overall vehicle should be in good shape.
2. Identification & removal of all ICE-related hardware, includes engine, fuel tank, fuel line, muffler, exhaust, starter, radiator, etc.
3. Selection of electric motor based on size of vehicle, expected performance & weight.
4. Battery pack is to be decided i.e. Li-ion, Lead Acid or Fuel Cell.

Note: Li-cells are smaller, lighter & can enable for longer ranges but are expensive & require more protection on electronic boards (No. of cells required are based on vehicle & available space to fit them).

5. Power controllers to regulate the flow of energy between battery & motor, a charging system to replenish the battery via an electric circuit, wiring harnesses & myriad other components.

Rough Estimation: For a 2-W bike it can cost around 30k to 80k.

Advantages of Retrofitting:

1. Low operation cost per km as compared to petrol or diesel engine operated vehicles.
2. Low maintenance cost.
3. Comfort by both mentally & physically.
4. Almost negligible emissions.



भारतीय स्किल डेवलपमेंट यूनिवर्सिटी जयपुर
BHARTIYA SKILL DEVELOPMENT UNIVERSITY JAIPUR



दीक्षांत समारोह - २०२२
CONVOCATION - 2022
मई ०७, २०२२ | May 07, 2022



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