



# BSDU NEWSLETTER

JAN-JUNE, 2025

15<sup>th</sup> Issue

## Editor's Desk

Dear Colleagues,

We are pleased to present the 15th issue of the BSDU Newsletter, highlighting key developments from January - June 2025. This edition reflects BSDU's growth in skill-based education through innovation, inclusion, and excellence.

Major milestones include BSDU Convocation 2025 and the Strategic Retreat 2025, along with initiatives like Centres of Excellence in Electric Vehicles and Solar Energy and strengthened industry collaborations with TCS Ignite, Hilti, and ACME Solar. Visits by distinguished dignitaries have further enhanced BSDU's national and global presence.

We extend our sincere thanks to the Management, Deans, Department Heads, faculty, and staff for their continued support.

Dr. Sangeetha Noval,  
Offg. Dean, Faculty of General Education

## BSDU's 2<sup>nd</sup> Convocation

### 2<sup>nd</sup> Convocation held with Pride and Grandeur

Bhartiya Skill Development University (BSDU) organized its 2<sup>nd</sup> Convocation Ceremony on 22 March 2025 with great enthusiasm. The event was graced by the Chief Guest, Dr. Prem Chand Bairwa, Hon'ble Deputy Chief Minister of Rajasthan. Graduates were awarded B.Voc., M.Voc., Ph.D. degrees and gold medals for academic excellence.

The University highlighted its strong industry collaborations and focus on skill-based education aligned with emerging technologies.

A total of 301 students received their degrees across the academic years - 2019-20, 2020-21 and 2021-22.

Of these, 14 students were awarded 'Dr. Rajendra Kumar Joshi Gold Medal' and 'Rajendra & Ursula Joshi Charitable Trust Gold Medal (RUJCT)'.



## Administrative Activities

### MoUs signed

The University signed the following significant Memoranda of Understanding underscoring BSDU's commitment to industry-integrated educational excellence.

- Furniture & Fittings Skill Council for the establishment of the Centre of Excellence for the Faculty of Woodworking Skills Education on 04 June 2025
- Automotive Skills Development Council for imparting training through industry-related, credit-based courses for candidates, trainers, and trainers of assessors - 12 June 2025

### Academic Council and Board of Management Meetings

- The Academic Council (AC) Meeting was held on 05 March 2025 at the Old Campus, BSDU.
- The Board of Management(BOM) Meeting was held on 21 March 2025 at the Old Campus, BSDU.

### Commencement of New Program

The 13<sup>th</sup> BOM approved the commencement of the new B.Voc. Program in Facility Management in August 2025, Summer Semester.

### Relocation of Four Faculties at New Campus

In pursuit of the commencement of summer semester 2025, four Faculties–Computing Skills, General Education, Hospitality and Tourism Skills and Healthcare and Paramedic Skills were relocated from the old campus to the new campus at the Lucerne Block in June 2025.

## Academic Activities

### Board of Studies meetings

A series of Board of Studies meetings as detailed below were held as a part of a regular academic practice at BSDU, ensuring academic excellence and quality education.

Sr. N.	Faculty	Date
1	Faculty of Construction Skills	3.3.2025
2	Faculty of Healthcare & Paramedic Skills	8.5.2025
3	Faculty of Hospitality and Tourism Skills	28.5.2025
4	Faculty of Manufacturing Skills	10.6.2025
5	Faculty of Automotive Skills	17.6.2025

### Strengthening Teaching Excellence

Committed to strengthening teaching-learning practices, a pedagogical training initiative was launched for all teaching faculty, led by an expert from

Switzerland- Dr. Mine Dal. The sessions commenced on 2 September 2024 covering key areas such as classroom management, learning environments, and interactive teaching strategies. The initiative focussed on adopting action and competence-oriented pedagogy, enhancing lesson design, classroom engagement, and overall instructional quality across BSDU.

### Upgrading Infrastructure: Centres of Excellence and New Equipment at BSDU

BSDU strengthened its infrastructure with the establishment of a Centre of Excellence in Electric Vehicles in the Faculty of Automotive Skills in collaboration with Decibals Lab Pvt. Ltd. and Modtech Engineering Pvt. Ltd., featuring a Tata Nexon EV Cut Section to enhance hands-on EV training on 15 May 2025.

The Faculty of Electrical Skills launched a Solar Installation and Maintenance Lab to enhance practical learning in renewable energy.

Additionally, a Solar PV Module Handling and O&M Lab, developed in collaboration with ACME Solar, became operational on 24 June 2025.

### New laboratory equipment

Sr. No.	Equipment Name	Faculty
1	Impact test	FMS
2	Rockwell Hardness	FMS
3	LG Multi Split 2Ton Cassette AC	RAC
4	Voltas Beko side by side Refrigerator 472Ltr.	RAC
5	EV Powertrain bench setup	FAS
6	Battery pack manufacturing kit	FAS
7	PVsyst subscriptions (PVsyst 8)	FES
8	MMA Welding Machine, 200-300 amp	FES
9	Tata Nexon EV Cut section	FAS

## Department of Workplace Training & Placement

The Department of Workplace Training and Placements (DWTP) facilitated industry engagement, enabling 263 students from II, IV, and VI semesters to secure internships with reputed companies such as TCS Ignite, Nilkamal Furniture, GN Altech, Saisha Skoda, T&T Motors (Mercedes), CK Birla Hospital, Servotech, Renew, and Raghav Infotech.

### Industry Interaction & Collaboration

BSDU strengthened industry and academic ties through collaborations with:

Sr. N.	Industry	Date
1	Sunpowergen Pvt. Ltd.	4.2.2025
2	Trendesign Technical Pvt. Ltd.	18.2.2025
3	Racconti	20.2.2025
4	RS India	21.2.2025

### Conferences Hosted

BSDU hosted two Industry-Academia Conferences in 2025:

- Manufacturing Sector Skills on 23 May 2025
- Renewable Energy Skills on 27 June 2025

### Co-Curricular Activities

#### Project Exhibition 2025

The Faculty of Computing Skills Education, BSDU, organized Project Exhibition 2025 on 4 January 2025, showcasing innovative projects by I, III, and V semester students. The event highlighted students' technical skills, creativity, and real-world problem-solving through the various projects, e.g., Automatic Gate Opening System, Threat Detector App, Online Exam Quiz, Studently App, Mobile Home Automation, LPG Gas Leakage Detector and Hydra Rocket.

#### BSDU Showcases Swiss Dual Model at 13<sup>th</sup> Auto Summit 2025

The faculty members from the FAS represented BSDU at the 13<sup>th</sup> Auto Summit on 18 January 2025 in New Delhi, showcasing its Swiss Dual System, industry-aligned training, and focus on EV and hybrid upskilling.

#### Corporate training Initiatives

The Faculty of Manufacturing Skills conducted training programs for the following organisations:

- Agrasen Engineering Industries Pvt. Ltd. (24 Mar–28 Apr 2025) on welding and fabrication, concluding with a valedictory ceremony.
- Shakti Hörmann Pvt. Ltd., on Installation and Servicing of Industrial Doors for 4 batches, benefiting 47 trainees, with support from multiple faculties.
- Hilti Manufacturing India Pvt. Ltd. a 24-day assembly training for employees of benefiting 24 trainees. From 17 June 2025. The program covered safety, mechanical fundamentals, assembly, lean manufacturing, and soft skills through theory and practical sessions.

#### Upskilling Initiatives

To prepare the trainers of the Faculty of Manufacturing Skills for their upcoming training engagement with *Hilti Manufacturing India Pvt. Ltd.*, the Faculty of Electrical Skills conducted a training programme on Basic Electrical Skills from 11–13 June 2025.

Additionally, Dr. Sheetal Kumar Jain, In-charge, Faculty of Refrigeration and Air-conditioning, completed a two-day capsule course on the *National*

*Building Code of India 2016 - Air Conditioning, Heating, and Mechanical Ventilation* at the Bureau of Indian Standards (BIS), Jaipur, on 12-13 June 2025.

### Extra-Curricular Activities

#### Save Wetlands Campaign 2025

The Department of Student Affairs, BSDU, organized a wetland conservation awareness event on 21 January 2025 under the nationwide Save Wetlands Campaign. The initiative aimed to promote environmental awareness and youth participation in climate action. The event witnessed enthusiastic participation from over 65 students.

#### BSDU Celebrates the 76<sup>th</sup> Republic Day of India with Pride and Patriotism

On 26 January 2025, BSDU celebrated the 76<sup>th</sup> Republic Day with patriotic spirit. The National flag was unfurled and the dignitaries emphasized on nation-building through skill education.

#### Celebrating the Spirit of Womanhood

BSDU marked International Women's Day (8 March 2025) with the theme "Accelerate Action", featuring an insightful session by Advocate Ms. Jyoti Jadon on women's rights and empowerment.

#### BSDU Observes 11<sup>th</sup> International Yoga Day with Enthusiasm and Unity

On 21 June 2025, BSDU celebrated the 11<sup>th</sup> International Yoga Day with a guided yoga session led by Dr. Bhoop Singh, promoting holistic well-being and healthy living.

### Research & Development

#### Research Papers/Chapters/Book Published

1. Singh, V., Fozdar, M., Aljohani, T., **Singh, S.**, & Malik, H. (2025). A two-stage wind power integrated demand response framework under constrained transmission network for social welfare maximization. *Applied Energy*, 394, 126109. SCI, Scopus, WoS
2. **Choudhary, R.**, Parmar, A., Kumar, P., & Al-Mdallal, Q. (2025). Buoyancy effects on Falkner–Skan Maxwellian nanofluid flow with bioconvection over a melting wedge. *International Journal of Thermofluids*, 26, 101136. SCI, Scopus, Q1
3. Parmar, A., Kumar, P., **Choudhary, R.**, et al. (2024). Unsteady inclined MHD Powell–Eyring fluid with microorganisms over an inclined permeable stretching sheet with zero mass flux and slip condition. *International Journal of Applied and*

*Computational Mathematics*, 10, 148.

<https://doi.org/10.1007/s40819-024-01780-y>.

Scopus, WoS, ESCI

- Gehlot, L., Alkhalaf, H., Srivastava, D. P. Gokhru, S. ., **Noval, S. .**, & Choudhary, D. R. R. . (2025). “Text-Led” or “Idea-Led” Literary Theories Eliminating Marginalization. Undercutting Eurocentric (Culture), Androcentric (Gender), and Heterosexual Supremacy (Sexual Orientation). *Journal of Education Culture and Society*, 16(1), 781-792. Scopus
- Jhajharia, S., Kumawat, S., **Shekhawat, K.**, Lamba, P., & Singh, H. (2025). Role of IT, ICT and IoT in precision agriculture. *Agrobios Research (An Imprint of Agrobios [India])*.

### Paper presentation in Seminars/ Conferences

- Noval, S. (2025, June 5–6). Bridging the digital divide: Enhancing socio-economic inclusion through AI and IoT literacy in marginalized communities. In *Proceedings of the International Conference on Artificial Intelligence, Computation, Communication and Network Security (AICCONS 2025)*, University of Wollongong, Dubai.
- Shekhawat, K. (2025, June 5–6). From rote to reasoning: Implementing AI tutors for critical thinking in STEM curriculum. In *Proceedings of the International Conference on Artificial Intelligence, Computation, Communication and Network Security (AICCONS 2025)*, University of Wollongong.
- Shekhawat, K. (2025, April 19). The symbiotic relationship between English language and mathematics: Exploring connections, challenges & educational implications. In *Proceedings of the 34th Annual Conference of Rajasthan Ganita Parishad: Recent trends in mathematics—Multi-disciplinary advancements and innovations*, Mody University.

### Human Resource Department

#### JCF sponsored visits to BSDU

The following members visited BSDU:

- Mr Michael Bandemehr - 9 Days
- Ms Sandra Rita Stadler Hess - 14 Days
- Mr Rolf Siebold - 38 Days
- Dr. Mine Dal - 132 Days

#### Celebrations & Events

##### Makar Sankranti Celebration (11 Jan 2025)

BSDU celebrated Makar Sankranti with vibrant

decorations, kite flying, games, and festive refreshments, creating a joyful and lively atmosphere.

##### 2<sup>nd</sup> Strategic Planning Retreat - 12–13 Feb 2025

BSDU organized its 2<sup>nd</sup> Strategic Planning Retreat at The Tree House Resort focusing on future growth strategies. The retreat reinforced BSDU’s commitment to excellence through action-oriented strategies and alignment. It identified key challenges and opportunities, guiding future innovation, quality improvement, and growth.

##### Holi Celebration - 08 Mar 2025

Holi was celebrated with colours, decorations, and festive cheer in the Administrative Block courtyard, bringing employees together in celebration.

##### 10-Year Service Award Ceremony -17 June 2025

BSDU held its first felicitation ceremony honouring Pranav Singhal, Hemraj Yadav, Bhagirath Choudhary, and Banwari Lal Bunkar for completing 10 years of dedicated service.

### Visits

#### Swiss Ambassador H.E. Ms. Maya Tissafi

Ms. Maya Tissafi visited BSDU on 3 Feb 2025, appreciating its Education System. She encouraged to explore collaboration with Swiss industries in India.

#### Ms. Geetanjali Sharma, IAS

Ms. Geetanjali Sharma, Joint Collector & Additional District Magistrate, Krishna (AP), led a delegation on 14 April 2025 to visit BSDU. The delegation explored different laboratories and interacted with faculty and students.

#### Dr. Gaurav Saini

On 18 April 2025, Dr. Gaurav Saini, Mission Director of the Rajasthan Skill and Livelihoods Development Corporation (RSLDC), visited BSDU, Jaipur, to understand its education system and advanced training infrastructure. He appreciated the University’s industry-aligned pedagogy and its strong alignment with RSLDC’s skill development mission.

#### Editorial Team -

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