

Annual Report for the A.Y. 2023-24
[1st April 2023 to 31st March 2024]



Kaushalya - The Skill University

(An affiliating State University by Labour, Skill Development and Employment
Department, Government of Gujarat)

FROM THE DESK OF PRESIDENT, KSU



I am honoured to share with you the annual report of 2023-2024 of Kaushalya: The Skill University. This year has been both transformational and filled with notable achievements for our university. At Kaushalya - The Skill University (KSU), we remain committed to our mission of fostering practical, industry-relevant skills that prepare our students for the dynamic demands of today's workforce.

This year has been particularly significant as we have continued to strengthen our partnerships with industry leaders, enhance our curriculum with cutting-edge technologies, and expand our reach through innovative learning methods. Our dedicated faculty, staff and partners have played an instrumental role in these accomplishments, tirelessly working to mentor and guide our students while also advancing research and industry collaborations.

In line with the Skill India Programme launched by the Government of India and the provisions outlined in NEP 2020, the State Government has also taken initiatives to provide skill education and training to the youth of Gujarat. Kaushalya – The Skill University is a step toward fulfilling the objective of encouraging and promoting skill development across the country, as envisioned by the Ministry of Skill Development & Entrepreneurship (MSDE), GoI. Kaushalya – The Skill University was established through legislation by the Government of Gujarat in October 2021 as a one-of-its-kind affiliating state university. The courses and programs offered by the University focus primarily on skill and vocational education and are aligned with the Skill India Mission launched by the Government of India.

As we look toward the future, we remain committed to driving innovation in skill education and ensuring that KSU continues to be a beacon of excellence in the global landscape. I extend my heartfelt thanks to all who have contributed to the success of this academic year—our students, faculty, staff, industry partners, and well-wishers.

Raj Kumar, Chief Secretary, GoG
President, Kaushalya - The Skill University (KSU)

September 22, 2024
Gandhinagar

FROM THE DESK OF DIRECTOR GENERAL, KSU



It is with great pride and a deep sense of responsibility that I present the Annual Report for AY 2023-2024 at Kaushalya - The Skill University (KSU). This report encapsulates the hard work, dedication, and progress made over the past year as we continue our mission to empower individuals through world-class skill-based education.

In a landscape marked by challenges and objectives, skill-oriented education plays a crucial role. Its importance has escalated in this era, where acquiring both theoretical knowledge and practical skills is vital for individual success and national economic advancement. To equip young individuals with technical, vocational, and industry-relevant skills and thereby improve their employability, Kaushalya – The Skill University serves as a pivotal link between industry demands and individual competencies. The university offers top-notch training and education at its main campus located at Chandkheda, Ahmedabad.

Unlike conventional academic programs, this institution focuses on high-demand courses that align with various industries, thereby opening doors for students in their preferred sectors. Kaushalya – The Skill University is notable as India's first state university to receive DGCA approval for its RPTO license, enabling it to offer a Drone Pilot Course on campus. Its partnerships with prestigious national and international institutions enhances its academic prestige. The university actively engages with industry partners to advance skill education, ensuring that the skills imparted are practical and applicable in real-world contexts. The university's mission is to boost students' employability, career prospects, social sustainability, life skills, and self-assurance to help them achieve their goals. We are confident that a highly skilled, educated, and productive workforce will drive economic and social progress.

This Annual Report showcases the accomplishments and success stories achieved by the University in a short period of time. I hope that the University achieves the highest qualitative levels to become a World Class University by providing Skill based Education, Training and innovations in key emerging areas.

I want to express my deepest gratitude to all who have supported us on this journey—our students, faculty, staff, industry partners, and stakeholders. Together, we are making a lasting impact on the future of skill development and education. Let us continue to innovate, inspire, and uplift the next generation of skilled professionals.

Prof. (Dr.) S.P. Singh

Director General, Kaushalya - The Skill University (KSU)

September 22, 2024
Gandhinagar

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1) THE UNIVERSITY AND ITS AUTHORITIES AND BODIES:

1.1) The University:

- Kaushalya The Skill University has been established vide an Act 22 of Gujarat Assembly in October, 2021 by the Department of Labour, Skill Development and Employment, Govt. of Gujarat with an objective of “Education with Skill” and aims at making youth “Skill Smart”. The University is functioning from its temporary Campuses at Mahatma Gandhi Labour Institute, KSU Chandkheda Campus, Drone MANTRA Lab and ITI - Kubernagar. The main campus is coming up at Shilaj, Ahmedabad with world class infra-structure and state of the arts Center of Excellence (CoE) in various Schools.

1.2) Motto

- The motto of the University is “कौशल्यम् ज्ञानबलम्” (Skill is the strength of knowledge), which means the skill is the practical application of knowledge, honed through practice, experience, and failure. It enhances problem-solving, goal achievement, and is often symbiotic with knowledge, leading to continuous growth and improvement in various endeavours.

➤ Vision

- To promote skill-based education, training and entrepreneurship development in an integrated manner and to offer education with skills to every youth in the state.

➤ Mission

- To address 21st century skill gaps with skilling, re-skilling and up-skilling of youth in the spirit of NEP 2020.
- To follow global skilling benchmarks & standards.
- To maximize reach and coverage through affiliated skill Institutes, Centre of Excellence (CoEs) and other stakeholders.
- To integrate skill with higher Education through transfer of academic credit earned from skill programs.
- To facilitate research in emerging areas of primary, secondary and tertiary industry of state and to raise overall skill level.

➤ Objectives

- To emerge as one of the foremost university of quality in skill education and training recognized by industries - nationally and internationally.
- To develop the knowledge of technology, management and environment for the advancement of the quality of life of humankind in general and in relation to the domains of skill education and training.
- To create infrastructure of global standard for education, training and research in the areas related to skill development.

- To promote skill education in an integrated and holistic manner with higher education to ensure pathways for progression and mobility.
- To exchange expertise and best practices in support of skill development efforts with any other national or international college, institution, organization, universities etc.
- To develop qualified candidates with skill proficiency and competency at different levels as per International/National/State qualification framework of skill education.
- To provide inter-relationship for national and global participation in the fields of science, technology and management in relation to the domains of skill development and allied fields.
- To establish close linkages with industry to make teaching, training and research at the University relevant to the needs of the society - at national and global levels.
- To provide consultancy to Government, Semi-Government, public and private industries in the field of skill development.
- To create entrepreneurs/employable youth by providing necessary skill and support.
- To disseminate knowledge/skill through seminars, conferences, executive education programs, community development programs, publications and training programs.
- To frame a credit framework for competency-based skill and vocational education and training.
- To develop Industry led skill centers to ensure a continuous supply of quality trainers in each sector and to conduct special training programs to impart high quality training in specific sectors with special focus on emerging technologies.
- To set up international alliances with skill centers to improve the quality and relevance of skill development and to get certified through education and training systems.
- To develop Training of Trainers Centre (ToT), to engage master trainers in coaching new trainers / upgrade knowledge & skills of existing trainers that are less experienced with a particular topic or skill, or with overall training considering National Skills Qualifications Framework (NSQF) requirements.

1.3) Board of Governance

- The Board of Governance of the University comprises of the following members as on 31st March 2024:

SN	Structure	Name & Designation of Officer
Permanent Members (Ex-officio)		
1	The President - Chairman of the Board	Shri Raj Kumar, IAS, Chief Secretary, GoG
2	The Director General	Dr. Anju Sharma, IAS, Additional Chief Secretary, Labour Skill Development & Employment Department, GoG
3	The Secretary to Government of Gujarat, Department of Labour and Employment	

4	The Secretary to Government of Gujarat, Industries and Mines Department,	Shri S J Haider, IAS, Additional Chief Secretary, Industries & Mines Department, GoG
5	The Secretary to Government of Gujarat, Department of Finance	Shri J P Gupta, IAS, Additional Chief Secretary, Finance Department, GoG
6	The Secretary to Government of Gujarat, Department of Education	Shri Mukesh Kumar, IAS, Principal Secretary, Education Department, GoG
7	Director, Employment and Training or Mission Director/Chairman – GSDM	Ms. Gargi Jain, IAS, Director, Employment & Training, GoG
8	Director of Entrepreneurship Development Institute of India – Ahmedabad or his nominee	Dr. Sunil Shukla, Director, Entrepreneurship Development Institute of India(EDII)
9	The Registrar – Secretary of the Board	Dr. Hitesh Vandra, Registrar, KSU
Other Members		
10	One expert academicians, to be nominated by the Board	Dr. Amit Prashant, Professor, IIT Gandhinagar
11	Two professionals of skill development, to be nominated by the Board	Shri Ved Mani Tiwari, CEO, National Skill Development Corporation
12		Shri C. L. Meena (IAS Retd.), Director Civil Service Centre, Sardardham & Kelavanidham
13	Two eminent experts from the industry preferably those who are running skill centres of excellence in collaboration with the University	Dr. P. K. Shukla, Senior Vice President(CSR & Special Projects) Pidilite Industries, Ahmedabad
14		Shri Sandeep Engineer, Chairman & Managing Director, Astral Limited

1.4) Finance Committee

- The Finance Committee of the University comprises of the following members as on 31st March 2024:

SN	Structure	Name & Designation of Officer
1	The Director General – Chairman of the Committee	Dr. Anju Sharma, IAS, Additional Chief Secretary, LSD&E, GoG
2	One member of the Board to be nominated by the President	Ms. Gargi Jain, IAS, Managing Director, Gujarat Skill Development Mission (GSDM)
3	One expert in the field of finance to be nominated by the Board	Shri Bhadresh Mehta, Chartered Accountant
4	One of the member to be nominated by the Finance Department, GoG	Smt. Ankita Christian, Financial Advisor, LSD&E Dept.
5	The Registrar – Secretary of the Committee	Dr. Hitesh Vandra, Registrar, KSU

1.5) Academic Council

- The Academic Council of the University comprises of the following members as on 31st March 2024:

SN	Structure	Name & Designation of Officer
1	The Director General – Chairman of the Academic Council	Dr. Anju Sharma, IAS, Additional Chief Secretary, LSD&E, GoG
2	Two academicians or professionals, to be nominated by the Board	1) Prof.(Dr.) Ami Upadhyay, Vice Chancellor, BAOU 2) Dr. Manju Singh, Former Joint Secretary, UGC
3	Two academicians or professionals in the fields of skill development, to be nominated by the Board	1) Prof. Rajat Moona, Director, Indian Institute of Technology, Gandhinagar 2) Prof. Sachin Parikh, L. D. College of Engineering, Ahmedabad
4	The Registrar – Secretary of the Council	Dr. Hitesh Vandra, Registrar, KSU

1.6) Skill Development Council

- The Skill Development Council of the University comprises of the following members as on 31st March 2024:

SN	Structure	Name & Designation of Officer
1	The Director General – Chairman of the Skill Development Council	Dr. Anju Sharma, IAS, Additional Chief Secretary, LSD&E, GoG
2	The Director of Technical Education, Department of Education – GoG or his nominee	Shri Banchha Nidhi Pani, IAS, Commissioner, Commissionerate of Technical Education, GoG
3	Commissioner of Industries, Industries and Mines Department, GoG	Shri Sandip J. Sagale, IAS, Commissioner, Industries and Mines Department, GoG
4	Mission Director, Gujarat Skill Development Mission (GSDM)	Ms. Gargi Jain, IAS, Director, Employment & Training, GoG
5	Three representatives from Sector Skill Council	1) Ms. Jancy Mathews, Construction Skill Development council of India 2) Dr. Sandhya Chintala, ED, IT-ITeS Sector Skill Council (NASSCOM) 3) Mr. Ambarish Datta, Banking, Financial Services & Insurance (BFSI) Sector Skill Council of India
6	One representative from Gujarat Chamber of Commerce & Industry	Shri Pathik S. Patwari, Sr. Vice President, Gujarat Chamber of Commerce and Industry.

7	The Registrar – Secretary of the Council	Dr. Hitesh Vandra, Registrar, KSU
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1.7) Appointment Committee

- The Appointment Committee of the University comprises of the following members as on 31st March 2024:

SN	Structure	Name & Designation of Officer
1	The Director General, who shall be the Chairman of the Academic Council	Dr. Anju Sharma, IAS, Additional Chief Secretary, LSD&E, GoG
2	One Nominee of the President	Shri Nalin Upadhyay (IAS Retd.), Chairman, GPSC
3	Commissioner/Director – Higher Education, GoG	Shri Gurav Dinesh Ramesh (IAS), Director, Commissionerate of Higher Education, GoG
4	The Registrar who shall be the Secretary of the Council	Dr. Hitesh Vandra, Registrar, KSU

1.8) Building and Works Committee

- The Building and Works Committee of the University comprises of the following members as on 31st March 2024:

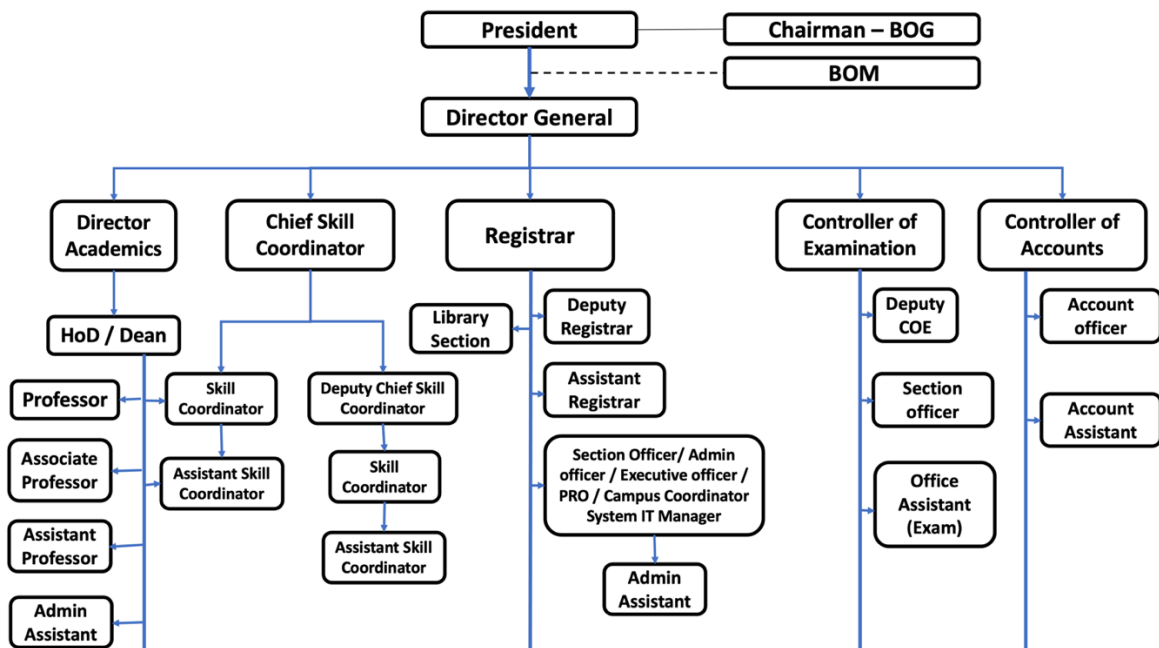
SN	Structure	Name & Designation of Officer
1	Dr. Anju Sharma, IAS, Additional Chief Secretary, LSD&E, GoG & Director General, KSU	Chairperson
2	Ms. Gargi Jain, IAS, Director, Employment & Training, GoG	Member
3	Chief Engineer, Road and Building Department, GoG	Member
4	One nominee of the President - Shri M. B. Bhalala, Chief Engineer (Retd.)	Member
5	Executive Engineer, R&B Circle, Ahmedabad	Member
6	Smt. Urvashi Hindocha, Controller of Accounts, KSU	Member
7	Head, Architect cum – Project Management Unit (M/s Auctors)	Member
8	Dr. Hitesh Vandra, Registrar, KSU	Member

Summary of meetings held during April 2023-March 2024

Number of Meetings	Name of the Committees					
	Board of Governance	Academic Council	Skill Development Council	Finance Committee	Building and Works Committee	Appointment Committee
5 th Meeting	30 th January 2024	-	09 th June 2023	-	06 th July 2023	08 th May 2023
6 th Meeting	-	27 th July 2023	08 th December 2023	-	11 th July 2023	26 th June 2023

7 th Meeting	-	22 nd December 2023	-	-	13 th October 2023	09 th August 2023
8 th Meeting				05 th June 2023	29 th January 2024	04 th September 2023
9 th Meeting				05 th September 2023	12 th March 2024	05 th February 2024
10 th Meeting				20 th December 2023		12 th March 2024
11 th Meeting				29 th January 2024		
12 th Meeting				12 th March 2024		

1.9) Organizational Chart



1.10) Officers and Staff of the University*

S N	Name of Officer	Designation
1	Shri Raj Kumar, IAS	President, KSU & Chief Secretary, GoG
2	Dr. Anju Sharma, IAS	Director General, KSU & Additional Chief Secretary, LSD&E, GoG
3	Dr. Hitesh Vandra	Registrar, KSU
Administrative Branch		
1	Shri Nayan Patel	Deputy Registrar
2	Smt. Urvashi Hindocha	Controller of Accounts
3	Shri Harshad Patel	Assistant Registrar
4	Ms. Chetnaba Rajput	PRO and Campus Coordinator
5	Shri K. D. Jethva	Administrative Officer
6	Shri Nisarg Shukla	Administrative Officer
7	Shri Nilesh Trivedi	Assistant Admin
8	Shri Ramesh V. Patel	Project Consultant – Campus
Academic Branch – HoDs		
1	Dr. Ashish Joshi	Director Academics & HoD – School of Management & Finance
2	Dr. Shiv Kant Shukla	Professor & HoD – School of Healthcare, Agri. and Other Services
3	Shri Pankaj Mistri	Chief Skill Coordinator & HoD - School of Drones
4	Prof. Manish Gupta	Honorary HoD – School of Computing & Professor, DAIICT – Gandhinagar
5	Dr. Bharat Modi	Honorary HoD – School of Science, Manufacturing and Infrastructure & Professor, Nirma University – Ahmedabad
6	Dr. Jignesh Tapariya	Honorary HoD – School of Liberal Arts & Associate Professor, MGLI – Ahmedabad
Academic Branch – Faculty Members		
1	Dr. Parag Shukla	Associate Professor – School of Computing
2	Dr. Chintan Patel	Assistant Professor – School of Computing
3	Dr. Vijay Patel	Assistant Professor – School of Science, Manufacturing and Infrastructure
4	Dr. Bindiya Baxi	Assistant Professor – School of Healthcare, Agri. and Other Services
5	Dr. Divya Shah	Assistant Professor – School of Liberal Arts
6	Dr. Farana Kureshi	Assistant Professor – School of Management and Finance
7	Dr. Kanika Sood	Assistant Professor – School of Science, Manufacturing and Infrastructure
8	Dr. Yesha Bhatt	Assistant Professor – School of Liberal Arts
9	Dr. Utsav Gadhia	Assistant Professor – School of Science, Manufacturing and Infrastructure

10	Dr. Jigar Nagvadia	Assistant Professor – School of Management and Finance
11	Dr. Dipak Dabhi	Assistant Professor – School of Computing
Skill Branch		
1	Shri Pankaj Mistri	Chief Skill Co-ordinator
2	Shri Vanvirsinh Champavat	Deputy Chief Skill Co-ordinator
3	Shri Dipak Makati	Skill Coordinator
	Shri Maulik Joshi	Assistant Skill Coordinator
4	Shri Divykant Jingar	Assistant Skill Coordinator
5	Shri Saumil Mehta	Assistant Skill Coordinator
6	Shri Chirag Solanki	Assistant Skill Coordinator
7	Shri Harsh Modi	Assistant Skill Coordinator
8	Shri Hiren Prajapati	Assistant Skill Coordinator
9	Shri Rajesh Nagar	Assistant Skill Coordinator
10	Shri Mukesh Parab	Assistant Skill Coordinator
11	Shri Gaurang Barot	Assistant Skill Coordinator
12	Shri Sachin Doshi	Assistant Skill Coordinator
13	Shri Shailesh Patel	Assistant Skill Coordinator
14	Ms. Rajni Bhanderi	Assistant Skill Coordinator
15	Ms. Manisha Suneja	Assistant Skill Coordinator
15	Shri Yash Patel	Drone Consultant

* as on March 31st 2024.

1.11) Other Cells and Committees at KSU:

Following Cells/Committees have been constituted as per UGC/State Government Guidelines.

- i. Admission Cell
- ii. Doctoral Committee
- iii. Internal Quality Assurance Cell (IQAC)
- iv. International Relations Cell
- v. Anti-Ragging Cell
- vi. Student Grievances Redressal Cell
- vii. Internal Complaints Committee (ICC)

2) Infrastructure Facilities:

2.1 Campus of Kaushalya – The Skill University

2.1.1 MGLI Campus:

The Administrative branch of KSU operates from Mahatma Gandhi Labour Institute. Which includes the operations of Establishment, Building & Works, Examination and Accounts.

2.1.2 Chandkheda Campus:

The Academic activities of KSU are predominantly conducted from Chandkheda Campus in approx. 16,000 sq.ft. area. Facilities of 5 smart classrooms, 2 traditional classrooms, hi-tech lab, IoT lab, 24*7 computer lab, library, indoor sports, multipurpose seminar hall and offices for academic and admin staff have been established at the campus.

2.1.3 Raipur Campus:

The academic activities of School of Drones are conducted from Labour Welfare Board Center, Raipur, Ahmedabad. At this facility, Drone MANTRA lab which is a Drone manufacturing facility has been established. This lab comprises of drone manufacturing stations, computer lab, classroom and 2 machine labs.

2.1.4 Shilaj Campus:

The KSU campus is being constructed on approximately 13 acres of land allotted by the State Government at Block Nos. 1315, 1316, 1317, and 1319 in Shilaj, Taluka Ghatlodia, District Ahmedabad. The approved project cost is ₹164.79 crores. The Honorable Prime Minister of India laid the foundation stone-laying ceremony of the university being developed at Shilaj, Ahmedabad, on November 1, 2022. The green, iconic university campus will encompass over 55,000 square meters of built-up area, including more than 36,000 square meters dedicated to academic, research, and innovation-related activities.

2.2) Computer and IOT Lab:

As the University has launched various courses in high-demand technology fields, it has established the following computer and IoT labs at Raipur campus and Shilaj campus. These labs are equipped with the latest technology, computers and internet facilities:

- i) High-Tech Computer Lab with 26 high end specification desktop computers, server and internet facility
- ii) Computer Lab (24 x 7 Working) with 26 Desktop computers
- iii) Computer Lab (School of Drones) with 21 Desktop computers
- iv) IoT Lab with IoT hardware & 22 computers

2.3) Drone Mantra Lab:

Kaushalya - The Skill University has established the state of art facility as 'Drone Mantra (Manufacturing and Training)' lab at Raipur-Ahmedabad, offering hands-on training in real-world drone manufacturing and programming using cutting-edge technology. This facility aims to produce more than 100 DGCA-approved drones initially. Additionally, it will replace outdated drones and collaborate with industry partners to ensure the use of the latest technology. The University runs two advanced postgraduate courses: a one-year Post Graduate Diploma and a two-year M.Sc. program in Drone Manufacturing and Programming. The national level Drone Hackathon was launched by the Honourable Chief Minister of Gujarat on March 25, 2023 coinciding with the unveiling of the prototype of the Kaushalya' Drone.

2.4) Library:

As of March 2024, KSU has a well-stocked library with physical books on various subjects, in addition to journals. The library subscribes to a range of periodicals and magazines and holds a rich collection of documents, including research monographs, textbooks, reference books, conference proceedings, periodicals, reports, newspapers, CDs, and other materials covering the academic and research interests of the institute. It has also an integrates with the National Digital Library of India (NDLI), a significant initiative under the Ministry of Human Resource Development.

The collection spans various subjects, including Data Analysis, the Indian Knowledge System, Economics, Drones, Hacking, Psychology, Networking & Machine Learning, Industrial Relations, Industrial Safety, Communication, Finance, Environment, Management, Personnel Management, Human Resource Management and Retail Management among others. It currently subscribes to 11 newspapers.

2.5) Classrooms

The University has developed 8 classrooms at the Chandkheda campus, 5 of which have been converted into smart classrooms. These classrooms are equipped with state-of-the-art interactive panels that can record lectures and broadcast live online sessions. Students can also access the recorded lectures later for their studies.

2.6) Activity Room (Games and Sports)

The University recognizes the importance of physical activities and organizes sports events through its Sports Club. The activity room is designated for a variety of small-scale activities, including class exercises, club events, and other student activities.

2.7) Conference Facility

The University has well-equipped conference facilities with seating capacities ranging from 50 to 150 people. Various schools at KSU regularly conduct conferences, workshops, seminars and faculty development programs throughout the year.

3) COURSES AND ACADEMIC COLLABORATIONS

3.1) Schools

At present KSU is running the following 6 schools providing programs in different areas. School of Computing focuses on computer science and information technology, offering programs in software development, cybersecurity, data science, and artificial intelligence. School of Science, Manufacturing and Infrastructure covers disciplines related to manufacturing processes, and infrastructure development. School of Management & Finance offers courses in business administration, finance, marketing, and entrepreneurship. Aims to equip students with leadership skills and knowledge to thrive in dynamic business environments. School of Healthcare,

Agriculture and Other Services integrates healthcare studies with agricultural sciences and service management. Focuses on public health, nutrition, and sustainable agriculture. School of Liberal Arts promotes critical thinking, creativity, and cultural awareness through programs in humanities, social sciences, and arts. Encourages interdisciplinary studies and prepares students for diverse career paths. School of Drones specializes in drone technology and its applications across various industries along with manufacturing.

- I. School of Computing
- II. School of Science, Manufacturing and Infrastructure
- III. School of Management & Finance
- IV. School of Healthcare, Agriculture and Other Services
- V. School of Liberal Arts
- VI. School of Drones
- VII. School of Excellence in Semiconductor

Gujarat has taken the lead in developing a semiconductor ecosystem in the state by announcing policies to promote the semiconductor industry. Leading international companies such as Micron Technologies and national leaders like the Tata Group are establishing their facilities in Gujarat. Recognizing the profound need for a specialized training ecosystem, discussions with industry representatives have highlighted a substantial shortage of trainers and skilled workers across various levels, including ITI, diploma, and engineering. Micron Technology, one of the prominent industries, has emphasized that their needs extend from entry-level ITI and diploma holders to skilled engineers, all of whom require unique skill sets tailored to the semiconductor industry. It is proposed to establish 7th School of Excellence in Semiconductor in Sanand under Kaushalya - The Skill University, which will serve as a comprehensive training hub for the semiconductor industry, providing certification programs and advanced courses at all levels. KSU has signed an MoU with M/S Micron Semiconductor Technology India Pvt. Ltd., which will act as the technology partner for the School of Excellence in Semiconductor. The school is expected to be equipped with state-of-the-art infrastructure, incorporating labs, workshops, and training facilities as a Centre of Excellence in Semiconductor at ITI Kubernagar.

3.2) Academic and Skill Courses offered by the University

The University, in collaboration with its affiliated schools and academic partners, has launched 108 Certificate, Diploma, Advanced Diploma, Graduate, Post Graduate, Post Graduate Diploma, and Ph.D. courses, all of which are being offered in the first year itself, starting from 2023-24.

3.3) Courses offered by affiliated partners

The University has signed MoUs with Institutions/Industries for the purpose of affiliation. The details of the courses offered by KSU and its affiliated partners are as follows:

Programmes offered by Kaushalya - The Skill University

SN	Name of The Programme
1	Ph.D.
2	M.Sc. in Drone Manufacturing and Programming
3	Bachelor of Computer Application
4	Bachelor of Business Administration
5	Diploma in Computer Applications
6	Drone Pilot
7	Python Certification (MBKVY Course)
8	Cloud Foundation (MBKVY Course)
9	Cloud Foundation Semester 1 & 2 (MBKVY Course)
10	Cloud Security Foundation (MBKVY Course)
11	Data Centre Technician (MBKVY Course)
12	Drone Manufacturing and Assembly (MBKVY Course)
13	Engineering Operation Technician (MBKVY Course)
14	Machine Learning Foundation (MBKVY Course)
15	Certificate In Data Processing for Construction and Infrastructure Inspection Using Drone (MBKVY Course)
16	Data Processing for Crop Monitoring & Precision Agriculture with Drone (MBKVY Course)
17	Certificate In Data Processing for Aerial Mapping and Land Surveying Using Drone (MBKVY Course)

Programmes offered by Affiliated Partners

Ankleshwar Environment Preservation Society (AEPS)		
18	10 th Feb. 2023	Post Diploma in Industrial Safety
Academy for Skill Development [Hajira Education Trust]		
19	05 th March 2022	B. Sc. in Steel Technology
20		B. Sc. in Green & Renewable Energy
21		Post Graduate Diploma in Steel Technology
Hindustan Coca Cola Beverages Pvt. Ltd.		
22	21 st Nov. 2023	Certificate Course in Retail Sales and Marketing Professional Service
International Automobile Centre of Excellence (IACE)		
23	03 rd June 2022	Certificate Course in Automotive Service Advisor
JBS Academy Private Limited		
24	12 th May 2022	Post Graduate Diploma in Custom Clearance and Freight Forwarding
Mahatma Gandhi Labour Institute (MGLI)		
25	21 st June 2022	MA in Clinical Psychology
26		MA in Archival Studies
27		BA Psychology as Major & English and Sociology as Minor
28		Post Graduate Diploma in Guidance & Counselling Psychology
29		Post Diploma in Industrial Safety (KSU)
30		Post Diploma in Industrial Environment Technology & Management (KSU)
31		PG Diploma in Labour Laws and Practice

32		Advance Diploma in Industrial Relations and Labour Codes
33		Certificate in Industrial Hygiene
Pidilite Industries Ltd.		
34	05 th March 2022	Bachelor in Furniture Design & Manufacturing
35		Certificate Course in CNC Routing/Engraving/Carving Machine Operator
36		Certificate Course in Modern Plumbing
SARDARDHAM		
37	09 th Feb. 2023	Post Graduate Diploma in Goods and Service Tax Practices (MBKVY Course)
38		Post Graduate Diploma in Income Tax Practices (MBKVY Course)
39		Certificate in Sales & Marketing (MBKVY Course)
40		Python Certification (MBKVY Course)
SRK Knowledge Foundation		
41	28 th July 2023	Certificate Course in Solar PV Manufacturing Operator
Indian Diamond Institute, Surat		
42	01 st June 2022	B.Sc. in Jewellery Designing & Manufacturing

3.4) Admission at glance

The University has offered various certificate, Diploma, Advanced Diploma, Post Diploma, Graduate, Post Graduate, Post Graduate Diploma and Ph.D. programmes from the academic year 2023-24 in its seven constituted schools and affiliated academic partners.

In the academic year 2023-24, 13,726 students registered for various courses. A total of 11,580 students were admitted, out of which 11,580 have successfully completed their studies at the University. The program-wise details of student admissions are mentioned below.

S N	Name of the Programme	Nos. of admitted students
Ph.D.		
1	Ph.D. in Psychology	1
2	Ph.D. in English	2
Master		
1	M.Sc. in Drone Manufacturing and Programming	9
2	MA in Clinical Psychology	23
3	MA in Archival Studies	19
UG Courses		
1	BCA	49
2	B.Sc. in Jewellery Designing & Manufacturing	19
3	BBA	45
4	B.Sc. in Steel Technology	172
5	B.Sc. in Green & Renewable Energy	54
6	BA Psychology as Major & English and Sociology as Minor	20
7	Bachelor in Furniture Design & Manufacturing	7
PG Diploma		

1	Post Graduate Diploma in Steel Technology	19
2	Post Graduate Diploma in Custom Clearance and Freight Forwarding	11
3	Post Graduate Diploma in Guidance & Counselling Psychology	18
4	Post Diploma in Industrial Safety (Ankleshwar)	44
5	Post Diploma in Industrial Safety (KSU)	252
6	Post Diploma in Industrial Environment Technology & Management (KSU)	37
7	PG Diploma in Labour Laws and Practice	22
8	Post Graduate Diploma in Goods and Service Tax Practices (MBKVY Course)	22
9	Post Graduate Diploma in Income Tax Practices (MBKVY Course)	20
Diploma		
1	Diploma in Computer Applications	82
2	Advance Diploma in Industrial Relations and Labour Codes	30
Certificate Courses		
1	Certificate Course in Automotive Service Advisor	8
2	Drone Pilot	265
3	Certificate in Industrial Hygiene	12
4	Certificate in Sales & Marketing (MBKVY Course)	23
5	Cloud Foundation (MBKVY Course)	84
6	Cloud Foundation Semester 1 & 2 (MBKVY Course)	359
7	Cloud Security Foundation (MBKVY Course)	75
8	Data Centre Technician (MBKVY Course)	10127
9	Drone Manufacturing and Assembly (MBKVY Course)	1092
10	Engineering Operation Technician (MBKVY Course)	32
11	Machine Learning Foundation (MBKVY Course)	24
12	Python Certification (MBKVY Course)	38
13	Python Certification (MBKVY Course)	49
14	Certificate in Data Processing for Construction and Infrastructure Inspection Using Drone (MBKVY Course)	25
15	Data Processing for Crop Monitoring & Precision Agriculture with Drone (MBKVY Course)	22
16	Certificate in Data Processing for Aerial Mapping and Land Surveying Using Drone (MBKVY Course)	25
17	Certificate Course in CNC Routing/Engraving/Carving Machine Operator	12
18	Certificate Course in Advance Plumbing	17
19	Certificate Course in Solar PV Manufacturing Operator	27
20	Certificate Course in Retail Sales and Marketing Professional Service	433
Total		13726

3.5) MoUs

The University has signed MoUs with various national and international universities, institutions, and industries during the Vibrant Gujarat Global Summit 2024 for academic partnerships, affiliated partnerships, and strategic purposes, including credit transfer. The details are as follows:

SN	Name of Party	Date of MoU Signing
1	Surat Jewellery Manufacturers Associations	28 th July 2023
2	MG Motors India Pvt. Ltd, Halol	
3	JCB India Ltd. Halol	
4	C4i4 (Samarth Udyog Technology Forum)	
5	Goldi Solar Pvt. Ltd.	
6	SRK Knowledge Foundation	
7	Sanand Industrial Association	
8	Stone Artisan Park Training Institute	
9	Flinders University Australia and Education Centre of Australia Pty. Ltd.	16 th Feb. 2023
10	Lincoln Institute of Higher Education Ltd	02 nd Nov. 2023
11	University of Tasmania	
12	Bendigo Kangan Institute	
13	Education Centre of Australia Pty. Ltd. (ECA)	11 th Jan. 2024
14	Namseoul University, South Korea	
15	NSDC International Limited	
16	Skillman Alliance	
17	Thunderbird School of Global Management	
18	The Indo-German Chamber of Commerce	
19	Academy For Skill Development (A Unit Of Hazira Education Trust)	
20	International Centre For Industrial Transformation	
21	L&T Edutech	
22	Micron Semiconductor Technology India Private Limited	
23	Shalby Academy, A Unit of Shalby Limited	
24	SETU Foundation	
25	Telecom Sector Skill Council	17 th July 2023
26	Ankleshwar Industrial Development Society	15 th Sept. 2023
27	Hindustan Coca-Cola Beverages Private Limited	21 st Nov. 2023
28	Garuda Aerospace Pvt. Ltd	20 th Dec. 2023
29	Shobhit Institute of Engineering & Technology	11 th March 2024
30	Ahmedabad Dental college	
31	Veer Narmad South Gujarat University	

3.6) Faculty Achievements

The faculty and staff remained actively engaged in a range of research initiatives and professional activities at international, national, state, and local levels. Faculty members have secured patents, received awards, published books, and participated in expert talks. They have also attended various seminars, conferences, and faculty development programs.

Below is a summary of the major recognitions and activities of the faculty and staff at the institute.

Patents:

Chintan Patel:

1. “An IoT-based system for data acquisition”, register of patent, republic of South Africa, Application NO: 2023/03929, Filling Date: 29/3/2023, Granted Date: 27/4/2023. Status: Granted
2. “Solar Powdered Vending Cart”, Intellectual Patent Office, UK, Design Number 6316873, Filling Date: 05 October 2023, Granted Date: 11 October 2023

Vijay Patel:

3. Formulation of adhesive and wound healing dual active hydrogel with molecules isolated from biologic sources"2023/05033 Republic of south Africa31/1/2024 Accepted.

Awards / Additional qualifications acquired:

1. **Shiv Kant Shukla** has been awarded status of Registered Technology Transfer Professional (RTTP) accredited by Alliance of Technology Transfer Professionals (ATTP)-Global, Scotland.

Books

1. **Shukla SK** (2024) Souvenir on International Conference on Path of Sustainability for Greener & Healthier Planet- 2024 S.G PUBLISHERS (INDIA). ISBN: 978-93-86644-99-2

Chapters in Book:

1. Shukla S, Aiba U, Bhutani R, **Shukla SK** and Chinyere A F (2023) Biofuel production via phyto and microbial power systems: adaptation of ecotechnology as a step towards sustainable energy. Pg 161-182. Advances in Oxygenated Fuels for Sustainable Development: Feedstocks and Precursors for Catalysts Synthesis.
2. Shukla S, Aiba U, Bhutani R, **Shukla SK** and Chinyere A F (2023) Biofuel production via phyto and microbial power systems: adaptation of ecotechnology as a step towards sustainable energy. Pg 161-182. Advances in Oxygenated Fuels for Sustainable Development: Feedstocks and Precursors for Catalysts Synthesis.
3. Shukla S and **Shukla SK** (2024) Micropropagation for crop improvement and its commercialisation potential. In: The Potential of Microbes for a Circular Economy, Academic Press. Pg. 271-287.

Journal Papers

1. **Shukla SK** and Shukla S (2023) Technology Transfer Offices and Life Sciences based Innovations: An Indian Perspective. Asian Biotechnology and Development Review. ISSN: 0972-7566 Vol. 25 (3), pp 101-119

2. Singh R, Shukla S, **Shukla SK** and Katare D P (2024) chemical profiling of endangered Citrus macroptera leaf extracts and evaluation of its cytotoxic activity. *Plant Science Today*. 11(2): 233–241. <https://doi.org/10.14719/pst.3044>
3. Bhutani Ritambhara, Shukla Susmita, Gupta Nibha and **Shukla SK** (2024) Impact of photoperiodism on in vitro propagation of indigenous Musa. *International Journal of Horticulture, Science and Technology*. Vol 11(2) Pages 257-268
4. Singh R, Shukla S, **Shukla SK** (2024) Impact of sterilant on In vitro seed germination of citrus macroptera montr.: An important measure. *Indian Journal of Agricultural Biochemistry*. 36 (2), 183-188
5. Thakar, A., Kunwar, R. S., Thakar, H., Kumar, K., & **Patel, C.** (2023, October). Enhanced Malware Detection Method Using Baseline Comparison in Memory Forensics. In 2023 IEEE 11th Region 10 Humanitarian Technology 2023, IEEE 11th Region 10 Humanitarian Technology Conference (R10-HTC)
6. Das, S., Pasikhani, A. M., Gope, P., Clark, J. A., **Patel, C.**, & Sikdar, B. AIDPS: Adaptive Intrusion Detection and Prevention System for Underwater Acoustic Sensor Networks. *IEEE/ACM Transactions on Networking*, P.P(99):1-16,2023
7. Nitesh Patel, Unnati Joshi, **Patel, Vijay** Anand Joshi, Ankit D. Oza, Abhinav Kumar, Vladimir Ivanovich Velkin, Optimizing the performance of solar evacuated tube collector systems for seawater desalination. *Environ Prog Sustainable Energy*, Published in *Journal of Environmental Progress & Sustainable Energy* 09/05/2024.
8. Prince Jain, Unnati Joshi, Anand Joshi, **Vijay Patel**, Sanketsinh Thakor, Comparative analysis of machine learning techniques for predicting wear and friction properties of MWCNT reinforced PMMA nanocomposites, Published in *Ain Shams Engineering Journal*, Elsevier, 2024, No. 9, p. 102895
9. Preeti Dharamsi, **Vijay Patel**, Joshi, Unnati, Yadav, Arvind, Oza Ankit, Prakash Chander, Singh Bharat, Synthesis and characterization of biodegradable seaweed-based paper battery for sustainable energy storage, Submitted in Part E: *Journal of Process Mechanical Engineering.*, SAGE Publication, published online November 29, 2023, ISSN:0954-4089
10. Bhatt Priyanka, Parmar Chetna, **Baxi Chhaya Bindiya** & Shukla Pratima “A Perception of Retail Investor Towards Derivatives Market” in December 2023 in *UGC Care Journal*, Vol.57 I No.2 I 2023, ISSN: 0025-0422
11. S. K. Srivastava, **K. Sood**, K. Srivastava, M. N. I. Khan: Geometric Characterization of Pointwise Slant Curves, *Results in Nonlinear Analysis*, 7(1), 2024, 110-121. (SCIE & SCOPUS Indexed)
12. S. K. Srivastava, A. Kumar, **K. Sood**: Pseudo-slant submanifolds in paracosymplectic Golden manifold, *Bulletin of the Transilvania University of Brasov. Series III: Mathematics and Computer Science* (Accepted for Publication)

Invited Lectures/Talks/ Courses

Shiv Kant Shukla

1. Guest of Honor – Speech on “TTO in strengthening technology transfer system”. Symposium on techno entrepreneurship in Life Science for \$ 5 Trillion Indian Bio-economy. As a part of the 5th International Conference on Entrepreneurship, Innovation & Leadership (ICEIL – 2023) at Amity University, Noida September 14, 2023.
2. Presentation and Panel Debate on “Technology Transfer Ecosystem: Indian Perspectives” at the workshop organized by the Royal Danish Embassy, Danida Fellowship Centre and DKPTO on October 05, 2023
3. Invited Talk on “Commercial Plant Tissue Culture: Entrepreneurship Opportunities. Entrepreneurship and Skill Development Program. Organized by ICAR Indian Institute of Sugarcane Research, Lucknow. March 17, 2024
4. Invited Talk on “Setting up Commercial Tissue Culture Laboratory. Entrepreneurship and Skill Development Program. Organized by ICAR Indian Institute of Sugarcane Research, Lucknow. March 17, 2024

Ashish Joshi

1. Guest Speaker in a One Week Training Program on “Fundamentals of Finance for Non-Financial Individuals in the area of Agri and Allied Sector” at International Agribusiness Management Institute, Anand organized by Centre for Agricultural Market Intelligence Under NAHEP-CAAST September 25, 2023
2. Chaired the Session in the International Conference “Driving Change: The ESG Imperative for a Sustainable Future” on 3rd & 4th November, 2023 organized by Chimambhai Patel Institute of Management & Research- Sardar Vallabh Global University.

Vijay Patel:

1. Invited Talk on “Drone. Technology and its advances” at Rai University Ahmedabad.

Conference/event participation

Shiv Kant Shukla:

1. Participated in Global Bio India Conclave organized by the Department of Biotechnology (DBT), Govt of India and BIRAC (December 04-06, 2023) in New Delhi
2. Participated in the National Skill Conclave held at Ahmedabad on November 30, 2023, organized by APAC News Agency in collaboration with the Department of Labour, Skill Development and Employment and Gujarat Skill Development Mission.
3. "Academic Integrity in the Age of AI” Held Online on August 3, 2023, organized by Turnitin
4. Participation in Technology Summit Organized by GTU on April 19, 2024
5. Faculty interaction at Shobhit University, Meerut was held to explore suitable collaboration.

Chintan Patel:

1. Participated in Smart Manufacturing Research Conclave at IIT Gandhinagar on 27-28/04/2023
2. Delivered Talk titled “IoT and Industry 4.0” in a week workshop on “Exploring Measurement and Control in Robotics Using Arduino and IoT Devices” organised by IITRAM 31/07/2023
3. Delivered a talk to NCC cadets in Ahmedabad HQ about “Cyber Security Awareness” on 01/08/2023
4. Organized International Level Research Conclave “Research Pe Chrcha – 2023” as an Organizing Chair on AIML Theme, on 29/07/2023 at Kaushalya – the Skill University.
5. Worked as a member of the Overall Event Committee (Core Committee) for the "Developing Global Network for Skill Development" session organised in Vibrant Gujarat on 11/01/2024 between 14:30 to 17:30
6. Member Secretary in International Conference “Path of Sustainability for Greener and Healthier Planet” organized by KSU, 21/03/2024.

4) Student Support Activities

4.1) Placements

To provide employment and better career opportunities for students, several placement drives were organized by the Government of Gujarat, in which KSU actively participated. Below is the number of students who have been offered apprenticeships

SN	Name of the Course	On-Roll Student	Offered to	Percentage
1.	Post Diploma in Industrial Safety	150	148	99%
2.	Post Diploma in Industrial Environmental Technology and Management	09	09	100%

4.2) Apprenticeship and On the Job Training

KSU aims to nurture students with well-rounded personalities, essential knowledge, technical skills, and hands-on training for a competitive market. The academic programs are integrated with apprenticeship and on-the-job training to provide students with practical experience alongside theoretical knowledge.

During the Apprenticeship Drive organized by the University from July 5 to July 8, 2023, over 40 companies from various sectors offered more than 450 apprenticeship positions to students. Of these, 7 companies from the logistics, furniture design, and technology sectors offered

apprenticeships. A detailed summary of the apprenticeships offered to students for the academic year 2023-24 is provided below:

SN	Name of the Course	On-Roll Student	Apprenticeship/ Internship	Percentage
1.	Bachelor of Computer Application	17	17	100%
2.	B.Sc. Jewellery Designing & Manufacturing	14	14	100%
3.	BBA in Logistics	06	06	100%

4.3) Industrial Visit (Students)

Visits to industry-related organizations can provide numerous benefits to students, including practical learning, industry insights, networking opportunities, inspiration, motivation, and the development of critical thinking skills. These experiences enrich their educational journey, enhance their understanding of course material, and better prepare them for future career paths. The details of such visits are as follows:

SN	Industry / Institute Name	Date	No. of Students joined the visit
School of Computing			
1	SoftNautics Ltd (a MosChip company)	09 th August 2024	50
2	Elsner technology	10 th August 2024	50
3	Dev Infotech	22 nd & 23 rd August 2023	75
4	Cygnat Infotech	24 th & 25 th August 2023	75
5	IBM India Software Lab	05 th March 2024	67
6	Einfochip	28 th February 2024	67
School of Management and Finance			
1	Arvind Ltd	13 th October 2023	40
2	Gandhinagar District Cooperative Milk Union Ltd. (Madhur Dairy)	29 th April 2024	40
3	NSE, IFSC LTD, GIFT CITY	29 th April 2024	40
School of Liberal Arts			
1	LD Institute of Indology	06 th October 2023	18

4.4) Clubs for Student Activities

The Student Clubs significantly contribute to the overall development of students. They provide limitless opportunities for students to pursue their interests and hobbies and to participate in co-curricular and extracurricular activities alongside their regular academic classes. The Student Clubs at KSU promote the development of students' skills and prepare them to be truly life-ready.

The University has the following 12 clubs catering to the technical, cultural, social, and other needs and interests of the students.

- | | |
|-------------------------------------|------------------------------------|
| 1. Innovation and Startup Club | 7. Legal Awareness Club |
| 2. Cultural Club | 8. Community Service Club |
| 3. STEM Club | 9. Sports Club |
| 4. Media & Publication Club | 10. Photography Club |
| 5. Creative Language & Writing Club | 11. Computers Club |
| 6. Debating Club | 12. Current Affairs and Life Skill |

Additionally, two new clubs have been established under the School of Computing, namely:

i) Coding Club and ii) Gaming Club. The following club activities were carried out by students during the year 2023-24.

SN	Date	Name of the Club	Name of the Activities	No. of Participants
1	08 th April 2023	Sports Club	Cricket Practice Tournament	30
2	15 th April 2023	Sports Club	Cricket Final Tournament	40
3	25 th July 2023	Sports Club	Revisiting our Childhood Sports Games	58
4	28 th July 2023	Community Service Club	World Nature Conservation Day	36
5	05 th August 2023	Cultural Club	Friendship Day Celebration	92
6	15 th August 2023	Cultural Club	Independence Day Celebration	223
7	19 th August 2023	Photography Club	World National Photography Day	65
8	05 th September 2023	Cultural Club	Teachers Day	15
9	01 st October 2023	Community Service Club	Swachhata Abhiyan	70
10	20 th October 2023	-	Foundation day Celebration	85
11	21 st October 2023	Cultural Club	Navratri Celebration	120
12	20 th January 2024	Language Club	Film Screening and Activities	25
13	25 th January 2024	Legal Awareness Club	Voters Day Celebration	50
14	26 th January 2024	Cultural Club	Republic Day Celebration	193

15	03rd February 2024	Coding Club	Coding Activities	48
16	03 rd February 2024	Gaming Club	LAN Game Activities	64
17	07 th February 2024 to 14 th February 2024	Cultural Club	Abhivyakti Saptah	130
18	24 th February 2024	Creative Language & Writing Club	Role Play Activities	40
19	09 th March 2024	Community Service Club	Women's Day Celebration	240
20	20 th March 2024	Media & Publication Club	Sustainable Environment Activities	12

4.5) Award of Scholarships

4.5.1) Mukhyamantri Kaushalya Protsahan Yojana (MKPY)

The Labour Skill Development and Employment Department of the State Government has sanctioned the Mukhyamantri Kaushalya Protsahan Yojana (MKPY) scholarship for students undergoing training at KSU. This scholarship was introduced for the year 2023-24. Scholarships are provided to students admitted to various undergraduate, postgraduate, diploma, and certificate level courses through Kaushalya - The Skill University or its affiliated institutions, based on 50% of the respective course fee or ₹30,000/- per annum, whichever is less.

Eligibility Criteria:

- The student must have passed with 50% or more marks for the entrance qualification.
- Annual income of the student's guardian should not exceed ₹ 8,00,000/-.

4.5.2) Kushal Shramik Sahay Yojana (KSSU)

For the career development of registered construction workers and their children, advancing in skill education can help these children progress and access employment opportunities. To be eligible for the benefits of this scheme, construction laborers must be registered with the Gujarat Building and Other Construction Laborers Welfare Board and may include any two of their children. If the course duration is less than one year, the full course fee will be reimbursed; if the course duration is more than one year, the course fee will be reimbursed annually.

Support and Eligibility:

- This assistance will be admissible to students (only in relation to the son/daughter of a construction worker) taken admission in various courses run by the KSU or at affiliated institutions.

4.5.3) Post Matric Scholarship for SC Students (Freeship Card Students Only)

This scholarship scheme is offered by the Department of Social Justice & Employment for students belonging to the Scheduled Caste who possess a Freeship Card. Students can apply for this scholarship scheme exclusively through the Digital Gujarat Portal. The scholarship will provide assistance for tuition fees and other educational allowances.

Eligibility Criteria:

- Belonging only to the Scheduled Caste category
- Be a permanent resident of Gujarat State
- Studying in Under-Graduate and Postgraduate courses from recognized College/ University/Institution
- Having an annual family income not more than INR 2.5 lakhs from all sources
- Not to be a repeater in the same class more than once

4.5.4) A total of 274 students who enrolled in various courses offered by KSU during the year 2023-24 received scholarships totaling ₹26,37,600 under the scholarship schemes mentioned below:

SN	Name of the Course	Name of the School	No. of Students
Mukyamantrishri Kaushalya Protsahan Yojana (MKPY) • Total amount of assistance given i.e. ₹22,99,000/-			
1	Advance Diploma In Industrial Relations And Labour Codes	School of Liberal Arts	3
2	B.Sc. in Jewellery Designing & Manufacturing	School of Liberal Arts	8
3	BA Psychology as Major & English and Sociology as Minor	School of Liberal Arts	1
4	BBA	School of Management and Finance	11
5	BBA in Logistic	School of Management and Finance	2
6	BCA	School of Computing	37
7	Diploma in Computer Application	School of Computing	25
8	Certificate Course in Industrial Hygiene	School of Healthcare, Agri and other services	5
9	MA in Clinical Psychology	School of Liberal Arts	12
10	MA in Archives Studies	School of Liberal Arts	14
11	PG Diploma In Labour Laws And Practice	School of Liberal Arts	4
12	Post Diploma in Industrial Environmental Technology and Management	School of Healthcare, Agri and other services	7

13	Post Diploma in Industrial Safety	School of Healthcare, Agri and other services	121
14	Post Graduate Diploma in Custom Clearance and Freight Forwarding	School of Management and Finance	2
15	Post Graduate Diploma in Guidance and Counselling Psychology	School of Liberal Arts	9
Post Matric Scholarship for SC Students (Central government scheme for freeship card student's only)			
● Total amount of assistance given i.e. ₹73,600/-			
16	BCA	School of Computing	3
17	BBA in Logistic	School of Management and Finance	1
Kushal Shramik Sahay Yojna			
● Total amount of assistance given i.e. ₹2,65,000/-			
18	BCA	School of Computing	6
19	BBA	School of Management and Finance	1
20	PGD in Guidance & Counselling Psychology	School of Liberal Arts	1
21	Post Diploma in Industrial Safety (PDIS)	School of Healthcare, Agri and other services	1

5) GLIMPSES OF EVENTS, SEMINARS, CONFERENCES AND VISITS

5.1) National and International Delegations/Dignitaries visits

5.1.1) Visit of Representatives of Asian Development Bank

From July 10 to July 12, 2023, representatives of the Asian Development Bank (ADB) visited KSU.

On July 10, Dr. Anju Sharma (IAS) chaired a meeting with ADB representatives. Various officials from Director of Training and Employment, Gujarat Skill Development Mission and KSU officials, representatives from GiZ and the E&Y Agency also attended the meeting. The meeting focused on apprenticeship, craftsman training skills, and state government initiatives. Later, a meeting was held at the Mahatma Gandhi Labor Institute in Ahmedabad, where representatives from affiliated partner institutes discussed skills and visited the university campus, including advanced computer labs, smart classrooms, and library.

On July 11, 2023, the team visited the Drone MANTRA (Manufacturing Training) Lab operated by the School of Drones at the Labour Welfare Board in Raipur. The skill coordinator provided detailed information about drone courses, machinery, equipment, the 3D printing lab, classrooms, and the computer lab.

A site visit was conducted to the under-construction campus of KSU at Shilaj, attended by members of the Building and Works Committee and representatives of the architect and contractor agencies. The ADB team praised the planning based on energy conservation and sustainable development principles.

On July 12, 2023, the team visited ‘Sardardham’, an affiliated institution, to learn about courses, classrooms, computer labs, and hostels. The CEO of Sardardham gave a presentation. The visit also included a tour of the Industrial Training Institute (ITI) in Kubernagar, where the Nokia and Pidilite Centers of Excellence were showcased.

5.1.2) Visit of Victoria University, Australia

Dr. Anju Sharma, Hon. Director General of KSU and Additional Chief Secretary of the Labour Skill Development and Employment Department, held a comprehensive discussion with Prof. Adam Shoemaker, Vice Chancellor of Victoria University, Australia, regarding the offering of globally benchmarked degrees and skill courses that lead to better employment opportunities in Australia as part of the MoU. The meeting took place on November 8, 2023.

5.1.3) Department of Employment and Workplace Relations, Australian Government.

Dr. Anju Sharma, Hon. DG of KSU and ACS of the Labour Skill Development and Employment Department, engaged in a dialogue with Ms. Saxon Rice, the Chief Executive Officer, and Ms. Anna Faithfull, the Deputy Secretary of the Skill and Training Group at the Department of Employment and Workplace Relations, Australian Government. The focal points of their conversation included the provision of Australian university programs at KSU and the enhancement of employment prospects in Australia for the youth of the state. This visit took place on November 8, 2023.

5.1.4) Visit of MittelPunkt Personal, Germany and Shasa Global Ventures Ltd.

Dr. Anju Sharma, IAS, Hon. Director General of KSU and Additional Chief Secretary of the Labour Skill Development and Employment Department, Government of Gujarat, held extensive discussions with Mr. Horst Kraus, Managing Director of MittelPunkt Personal GMBH, an employment agency in Bovenden, Germany, and Mr. Siddharth Soni, Managing Director of Shasa Global Ventures Ltd., to explore employment opportunities in Germany for the students of KSU and the youth of the state. This meeting, held on November 9, 2023, is expected to lead to a partnership in the healthcare sector.

5.1.5) Visit of Tasmania University

Dr. Anju Sharma, Director-General of KSU and Additional Chief Secretary of the Labour, Skill Development and Employment Department, along with other faculty members, met with a visiting delegation from the University of Tasmania led by James Groom, Deputy Chancellor, on November 28, 2023. During the meeting, discussions were held between KSU and the University of Tasmania to offer courses at the KSU campus in the area of sustainability. This collaboration has the potential to bring several benefits, particularly in terms of skill enhancement and international employment opportunities for the youth.

5.1.6) Visit of Victoria University, Australia

Mr. Monty Singh, Chief International Officer of Victoria University Australia, visited the KSU campus on November 30, 2023, and held detailed discussions on collaboration to offer Victoria University programs at KSU, which can lead to global employment opportunities for the youth of the state.

5.2) Organization of Events

5.2.1) Orientation Program (April 2023- March 24)

Kaushalya - The Skill University celebrated its second 'Orientation Program (Academic Year 2023-24)' on July 18, 2023, under the guidance of Hon. Director General Dr. Anju Sharma (IAS), with 110 students participating in the program. This event was organized for students who were admitted to undergraduate courses at the university, and each student was provided with a university T-shirt as a welcome gift.

5.2.2) MoU Signing Ceremony

The MoU signing ceremony was organized on July 28, 2023, at 3:30 PM in Narmada Hall, Swarnim Sankul 1, Secretariat Office, Gandhinagar, in the presence of Hon. Minister Shri Balvantsinh Rajput, Labour, Skill Development, and Employment Department, Gujarat State. During the ceremony, MoUs were signed with eight industries across various sectors.

5.2.3) International Research Conclave “Research Pe Charcha – 2023”:

Artificial Intelligence and Machine Learning are the technologies most industries adopt to enhance their efficiency and effectiveness. The University organized the International Research Conclave “Research Pe Charcha – 2023” on July 29, 2023, at the Auditorium Hall, Mahatma Gandhi Labour Institute (the first edition of the annual research conclave). Considering global technology trends, we selected “Artificial Intelligence and Machine Learning” as a key theme to discuss open research problems and their applicability in Intelligent Transportation Systems, the Internet of Things, and Cybersecurity. A total of 120 students and researchers participated, including 67 BCA students from the School of Computing at KSU. There were four panel discussions:

- i) AI/ML Potential in public service delivery
- ii) Smart Building Workspace using AI/ML/IOT
- iii) Cyber security and AI/ML Applications
- iv) Responsible AI

5.2.4) Celebration of Foundation Day

Foundation Day is a time for reflection, celebration, and inspiration as we look back on our journey and pave the way for a brighter future. The University celebrated its 2nd Foundation Day on October 20, 2023, at the Chandkheda campus

5.2.5) Career Opportunities in Emerging Technologies

KSU hosted an academic seminar on "Career Opportunities in Emerging Technologies" on November 8, 2023. More than 50 principals and professors from various B.Sc., BCA, and related colleges in Ahmedabad and Gandhinagar attended it. The seminar aimed to increase awareness of the various courses offered under the School of Drone and the School of Computing. The event explored fields such as Drone Technology, Artificial Intelligence and Machine Learning (AIML), Cybersecurity, and the Internet of Things (IoT).

5.2.6) Vibrant Gujarat Global Summit 2024

During the Vibrant Gujarat Global Summit 2024, marked by two significant seminars, KSU explored opportunities with companies and international universities by signing MoUs with five international educational institutions and seven industries/institutions.

The first seminar focused on "Building Workforces for the Future: Development of Skills for Industry 4.0" and was graced by distinguished guests including:

1. Hon. Minister of Education and Skill Development & Entrepreneurship, Shri Dharmendra Pradhan
2. Hon. Minister of Labour, Skill Development, and Employment, GoG, Shri Balvantsinh Rajput
3. Secretary, Ministry of Skill Development and Entrepreneurship, GoI, Shri Atul Kumar Tiwari (IAS)
4. Additional Chief Secretary, Labour, Skill and Employment Department, GoG, Dr. Anju Sharma (IAS)
5. Labour Commissioner and Director of Skill Development, GoG, Shri Anupam Anand (IAS)
6. Director of Employment and Training, GoG, Ms. Gargi Jain (IAS)
7. Corporate Vice President of Micron Technology, Mr. Hem Takiar.

During the proceedings of this seminar, KSU signed three MoUs with esteemed global skill development organizations, including Micron Technologies Ltd., ArcelorMittal Nippon Steel Ltd., and L&T EduTech, marking a proactive step in fostering collaborative efforts towards skill development.

The second seminar, titled "Developing Global Networks for Skill Development," saw the participation of:

1. Shri Dharmendra Pradhan, Hon. Minister of Education and Skill Development & Entrepreneurship
2. Shri Kunvarji Halpati, Hon. Minister of State, Tribal Development, Labour and Employment, Rural Development, GoG
3. Dr. Anju Sharma (IAS), Additional Chief Secretary, Labour, Skill, and Employment Department, GoG
4. Shri Ved Mani Tiwari, CEO & MD, NSDC & NSDC International
5. Shri Anupam Anand (IAS), Labour Commissioner and Director of Skill Development, GoG
6. Ms. Gargi Jain (IAS), Director of Employment and Training, GoG

7. Mr. Giovanni Crisona, Chairman, Skillsman, Germany.

During this seminar, KSU signed a total of nine MoUs with esteemed global skill development organizations, including the Indo-German Chamber of Commerce, SETU Foundation, Shalby Academy (a unit of Shalby Limited), NSDC International Ltd., International Centre for Industrial Transformation (INCIT), ECA Australia, Namseoul University of South Korea, Skillman Education, and the Thunderbird School of Global Management.

5.2.7) Drone Hackathon – 2024

The Drone Hackathon was launched by the Hon. Chief Minister of Gujarat with the aim of developing potential solutions for drone applications and scaling up drone usage across the country during the National Conference on Drone Technology on March 25, 2023. Seven teams from leading universities, engineering colleges, drone startups, and innovators from the state were selected to participate in the 48-hour Hackathon finale after the first round of technical scrutiny. The finale of the Drone Hackathon was organized on January 30-31, 2024, at Drone Mantra Lab, Ahmedabad.

The Hon. Cabinet Minister for Industries, Micro, Small and Medium Industries, Cottage, Khadi and Rural Industries, Civil Aviation, Labour and Employment, Shri Balvantsinh Rajput, was the Chief Guest for the Inaugural Event of the Drone Hackathon. Esteemed jury members from academia and industry evaluated the projects. Following a rigorous evaluation process, the winner of the event was announced and honored with a certificate and a cash prize of one lakh rupees

5.2.8) International Conference on “Path of sustainability for Greener and Healthier Planet - 2024”

The International Conference on "Path of Sustainability for a Greener and Healthier Planet – 2024" was organized by the School of Healthcare, Agriculture, and other Services (SHAS), KSU, Ahmedabad, in association with the University of Tasmania, Australia, on March 21, 2024, at the Mahatma Gandhi Labour Institute (MGLI), Ahmedabad. This conference saw a large number of participants (more than 200) from various sectors.

Prof. Shiv Kant Shukla, Chairman of the Organizing Committee and HOD, School of Healthcare, Agriculture, and Other Services at KSU, welcomed the participants and highlighted the objectives and background of the international conference. In her special address, Ms. Tristane from the University of Tasmania emphasized the need for a mission to create a sustainable future. Dr. Anju Sharma, IAS, Additional Chief Secretary, Labour, Skill Development and Employment Department, GoG & Director General, KSU, set the context of the event in her special address, noting that this is KSU's first international conference focused on skill-embedded education with employability, in alignment with the National Education Policy 2020.



Dr. T. Mohapatra, Chairman of the Plant Variety Protection and Farmers' Rights Authority (PVPFRA), delivered the inaugural address, covering various aspects of sustainability. He emphasized the vision of the Hon. Prime Minister on the mission of a sustainable lifestyle for the planet. His address focused on key issues such as water conservation, reducing greenhouse gas emissions, sustainable food systems, and natural farming. He further elaborated on the three important pillars of sustainability: ecology, environment, and socio-economy.

During the inaugural session, the abstract book of the conference, edited by Prof. Shiv Kant Shukla, was unveiled. The book includes numerous contributions from various domains of sustainability. Mr. Nitin Sharma, Country Manager, South Asia, University of Tasmania, expressed his gratitude to all the stakeholders, organizers, and participants.

The international conference featured four panel discussions with eminent national experts from industry and academia, along with a keynote address by Professor Craig Deegan, Professor of Accounting, College of Business & Economics, University of Tasmania, on the topic "Accountability for Sustainability:

- Session I : Climate Resilient Agriculture
- Session II: Waste to Wealth – Circular economy
- Session III: Sustainable Clean Technology for Managing Emission: Global carbon credit market

- Session IV: Emerging skills and job role in Sustainability: Role of Skilling and Higher Education Institutions

The sessions featured brainstorming discussions and key recommendations for paving the way for collaborative efforts on various aspects of sustainability. Prof. Shiv Kant Shukla, Chair of the Organizing Committee, announced the conclusion of the international conference and expressed gratitude for the essential support and active participation of all involved.

5.3) Faculty Development Programmes and Webinars

5.3.1) Fintech Horizon : Navigation Futuristic Financial Innovation - SOMF

The School of Management and Finance (SOMF), KSU, hosted its inaugural two-day Faculty Development Program (FDP), themed "FINTECH HORIZON: Navigating Futuristic Financial Innovation," on March 15th and 16th, 2024. The program aimed to equip faculty members with the latest trends and advancements in Financial Technology (FinTech), enabling them to better prepare for teaching and research in this rapidly evolving field.

Inaugurated by esteemed experts, including Hon. Director General of KSU, Dr. Anju Sharma, IAS (Additional Chief Secretary, Labour, Skill Development and Employment Department, Govt. of Gujarat), and Shri Neeraj Kulshreshtha, MD & CEO of NSE IFSC Clearing Corporation Limited, the FDP featured distinguished speakers from India's leading corporates and institutions.

Thirty faculty members participated and benefited from insightful sessions led by industry experts such as Mr. Ankur Sharma, Mr. Anand Pandya, Mr. Nekin Vachhani, Mr. Amandeep Singh, Dr. Samir Gopalan, and Ms. Pushpkiran Singh. The program also included hands-on skill sessions, further enriching the participants' learning experience.

5.3.2) Webinar on "Enhancing Communication Skills in the Age of Artificial Intelligence"

The webinar on "Enhancing Communication Skills in the age of Artificial Intelligence" was organized on March 18, 2024, by the School of Liberal Arts, KSU. It addressed issues such as the functional dimensions of AI in terms of applications and devices, the extensive use of various language software in creative and critical writing, and the evolving landscape of communication with advancements in AI. The expert speakers for the sessions were Prof. Dilip Barad and Dr. Manoj Chhaya. More than 60 participants, including teachers, research scholars, and students from various universities, attended the webinar.

5.4) Participation in Expo/Exhibitions

5.4.1) Ahmedabad Mirror Educational Expo - 2023

The University participated in the Education Expo 2023, organized by *Ahmedabad Mirror* at Rajpath Club, Ahmedabad, on May 20-21, 2023. More than 1,230 visitors visited the exhibition stall and obtained information about the courses and programs offered by the University.

5.4.2) TV9 Educational Expo – 2023

The Education Expo 2023 was organized by TV9 at Eka Club, Kankaria, Ahmedabad, and Krushimanagal Hall, Manjura Gate, Surat, on May 6-7, 2023, as well as at Nutan Nagar Hall, Kalawad Road, Rajkot, on May 13-14, 2023.

The University participated in the Education Expo to provide information about the new courses offered by the University. In Ahmedabad, 993 visitors visited the stall; in Surat, there were 617 visitors; and in Rajkot, 356 visitors attended.

5.4.3) The Times Education Gateway 2023

The University participated in the Times Education Gateway 2023, organized by The Times Group, on June 10, 2023, at the Ahmedabad Management Association, Ahmedabad. Chief Skill Coordinator Shri Pankaj Mistry represented KSU at this insightful event, shedding light on the wide array of courses offered by the University. Many people visited our stall during the Education Gateway.

6) Special Achievements by School of Drones

Through the School of Drones, the University offers various training programs that address the entire value chain of the drone sector. The University is a DGCA-approved Remote Pilot Training Organization (R.P.T.O.) and provides a Drone Pilot training program. Drone manufacturing and service courses are offered through various ITIs. A post-graduate program in drone manufacturing and programming is available at the Drone MANTRA facility in Ahmedabad. The University has developed various drone application courses focusing on areas such as precision agriculture, land surveying and mapping, infrastructure inspection etc.

6.1) Establishing Remote Pilot Training Organization (RPTO)

According to the Drone Rules 2021, an organization must be registered as a Remote Pilot Training Organization (RPTO) and duly authorized by the Directorate General of Civil Aviation (DGCA) to offer a drone pilot program. KSU operated its first RPTO at Swarnim Campus, which was approved by the DGCA in 2022 and successfully completed 352 training sessions. KSU has applied for a second RPTO center at Shilaj Campus. An inspection was conducted by the DGCA on February 22, 2024. The University has established adequate infrastructure, including classrooms, a computer lab, a simulator room, a laboratory, a battery charging station, and a flying field, to meet the necessary eligibility criteria set by the DGCA.

6.2) Scaling up Drone Pilot Training Capacity through R.P.T.O at ITIs

The School of Drones at KSU has set an ambitious goal of training over 20,000 individuals in drone piloting across 50 ITIs in the next three years. The initiative involves providing 100 drone simulators and 110 DIY kits to various ITIs to enhance their drone-related courses and programs. Simultaneously, it is launching a comprehensive drone manufacturing and assembly program. To create adequate facilities at various ITIs, drone simulators and DIY kits have already been

distributed to the shortlisted ITIs. Toolkits and drones with UINs have already been procured and manufactured, respectively, and will soon be provided to various ITIs. Applications for the first phase of 7 ITIs from the 19 shortlisted are ready for processing.

6.3) “Kaushalya” Drone

To enhance drone pilot training, acquiring certified drones poses a challenge due to the limited availability of manufacturers and maintenance services, underscoring the necessity for our own type certification. Progress has been made through the signing of an agreement with a leading drone manufacturer and the presentation of the prototype, with expectations of obtaining type certification approval following rigorous tests and quality control (QC) inspections for the "Kaushalya Drone." The prototype of the proposed "Kaushalya Drone" was unveiled by the Hon. Chief Minister on March 25, 2023. Following various external third-party tests, field trials, and inspections by the Quality Council of India, application for type certification has been submitted to the Directorate General of Civil Aviation (DGCA). KSU proudly announces the successful receipt of the "Type Certificate" for its “Kaushalya Drone” on February 15, 2024, from the DGCA, making it the first government institute in India to obtain a “Type Certificate” for drone manufacturing.

The permission of the type certificate for its “Kaushalya Drone,” is received and the drones will be manufactured at the Drone MANTRA (Manufacturing and Training) facility, which has the capacity to produce 1,000 such drones. The manufactured drones will initially be used for captive requirements to scale up drone pilot training facilities across every corner of the state, ensuring that such training is available to the youth at an affordable cost near their places of residence. In the first phase, it is planned to use these drones to establish 19 new drone training facilities in the state. Under the type certificate, KSU has already prepared 60 drones at its Drone MANTRA facility.

6.4) Garuda Aerospace Pvt. Ltd.

Garuda Aerospace Pvt. Ltd. is India's leading drone tech start-up, operating from Chennai and providing drones and drone services. KSU and Garuda Aerospace Pvt. Ltd. have signed a Memorandum of Understanding (MoU) to create a drone ecosystem for the youth of Gujarat. Garuda Aerospace is prepared to provide 10 medium-category agricultural drones free of charge to KSU for imparting specialized training in agriculture. KSU has already received 4 of these agricultural drones.

6.5) Candidates Trained under School of Drones (up to March 2024):

SN	Particulars	Nos.
1	Certified Pilots by School of Drones	228
2	Candidates Trained for Manufacturing	992

3	Drone Instructors	45
4	Additional RPTO Applications in Progress	20
5	Kaushalya Drones Manufactured by Drone ManTra for Training	60
6	Training Drones for RPTO	6
7	Agricultural Drones through CSR support	10
8	Students Trained for Drone Applications	75

7) Center of Excellence

KSU, in collaboration with its affiliated ITI Kubernagar in Ahmedabad, launched a Center of Excellence (CoE) on 17th July 2023, aimed at helping students create a bright future. Hon. Minister of Labor and Employment, Shri Balvantsinh Rajput, graced the occasion and inaugurated the CoE. Meanwhile, KSU and the Telecom Sector Skill Council signed a Memorandum of Understanding (MoU) to open a Nokia Center of Excellence in 5 major ITIs across the state. Additionally, Minister of State Shri Kunvarji Halpati, Shri Payal Kukrani (MLA, Naroda), Additional Chief Secretary of Labour, Skill Development, and Employment Dr. Anju Sharma (IAS), Director of Skill Development Shri Anupam Anand (IAS), and Director of Employment and Training Smt. Gargi Jain (IAS) were also present on this occasion. Other guests, along with a large number of students, attended the program.

Furthermore, Shri Atul Kumar Tiwari, Secretary of the Ministry of Skill Development and Entrepreneurship, visited ITI Kubernagar in Ahmedabad, Gujarat, where he interacted with faculty and students and explored the institute's Center of Excellence, which is equipped with cutting-edge facilities.

7.1 Nokia Center of Excellence for Telecommunication:

As the University has signed MoU with the Telecom Sector Skill Council, they expressed their willingness to establish a Center of Excellence (CoE) at IIT Kubernagar in the emerging technology area like 5G, AI and IoT, Security and Surveillance, Handset repair, Drone and line Assembly. The Center has all latest technologies, machines and equipment and is first of its kind in the entire Gujarat State.

7.2 Pidilite Woodworking and Plumbing Centre for Advanced Skills (PWP)

Pidilite has established the woodworking and Plumbing Centre for Advanced Skills (PWP) in Ahmedabad in collaboration with KSU, with the following are objectives:

- a) To train trainers (ToT) of ITIs, under the Prime Minister Kaushalya Vikas Yojana, as well as other trainers from government and private skill centers.
- b) To conduct research and take-up consulting assignments.
- c) To organize training and competitions related to World Skills Competition at state, regional, and national levels.

This Center will demonstrate the latest technologies, skills, and products based on market demand.

7.3 Centre for Industry 4.0 (C4i4 Lab)

KSU intends to create a comprehensive ecosystem that supports and encompasses Industry 4.0 technologies with the assistance of the C4i4 (Center for Industry 4.0) Lab in Pune. This includes setting up a lab focused on Industry 4.0 technologies such as IoT sensors, Autonomous Guided Vehicles (AGVs), AR/VR, Robotics, and Cyber-Physical Systems, with support from C4I4 and Ministry of Heavy Industries, Government of India.

The courses to be implemented at this center will include Big Data & Analytics, Robotic Process Automation, Blockchain, 5G Connectivity Infrastructure, Industrial System Architecture Specialization, and Digital Factory Automation Engineering, the following are objectives of lab:

- a) Increase awareness about Industry 4.0.
- b) Develop first-hand experience with Industry 4.0 technology.
- c) Faster adoption of Industry 4.0 Practices by manufacturing enterprises.
- d) Collaborate with institutes/universities for imparting training to students and offer internship programs.

8) FINANCIAL AUDIT REPORT

The Financial Audit Report of the University for the Financial Year 2023-24 is placed at **Annexure-1**.

9) NEWS COLLAGE



Kaushalya - The Skill University

(An affiliating State University by Labour, Skill Development and Employment Department,
Government of Gujarat)

Temporary Campus

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