हुनर

Biannual Skill Magazine

Issue No.1



SKILLING INDIA: THE TISS STORY

JUNE 2023

G20 भारत 2023 INDIA

RE-IMAGINING FUTURES पुनर्कल्पना की त्रिवृष्टि TISS

TATA INSTITUTE OF SOCIAL SCIENCES

SCHOOL OF VOCATIONAL EDUCATION

EDITORIAL NOTE

The National Education Policy (NEP) 2020 has given special emphasis on vocational education through integration and mainstreaming of vocational education with general education. This will help students in acquiring various skills to meet the needs of the industries and to improve the quality of education. The School of Vocational Education in Tata Institute of Social Sciences (TISS SVE) has adapted the same approach since inception. The School has completed more than a decade's journey. It has developed 35 Bachelor level and several other programmes in 18 sectors. It has collaborated with various industry partners. At this juncture, it is very important to pen down the journey and share the lessons learnt with the readers. Therefore, TISS SVE has taken the initiative to publish a biannual magazine **Hunar - A Skill Magazine**. Hunar means talent, ability or skill. I am happy to present the first issue **Skilling India: TISS Story**.

This issue is divided in three parts. The first part is about TISS SVE Journey. The second part is about sector Specific Reports. This part includes the work done by the school in various sectors. The third part comprises of Success Stories of a few students, narrated in their own words. The stories are about self empowerment through skill education. Some of the students are Entrepreneurs. Some are contributing in various areas like Sustainability, Giving Back to the Society, Digital India and Care & Support. Some students are contributing in service and technical sectors and thus contributing in the economic growth of the country. All these stories make the readers realise, how skill education plays a vital role in the overall development of students.

The editorial team acknowledges the efforts of all students and partners in the journey of TISS SVE.

Shivranjani Kulkarni,
Senior Manager, Skill Education - Counselling Unit

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School of Vocational Education.

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FOREWORD



Professor Shalini Bharat
Director/ Vice Chancellor
Tata Institute of Social Sciences

Vocational education can play seminal role in reaping India's demographic dividend. The fact that Indian industry has often talked about raising employability of young graduates joining the workforce, calls for renewed focus on skill development. At a time when India aspires to be the global manufacturing hub and services powerhouse, creating a large pool of skilled youth is a necessity.

Tata Institute of Social Sciences (TISS) has been at forefront in taking new initiatives, and proactive in responding to social needs. The Institute was roped in by Ministry of Human Resource Development (now Ministry of Education) to impart relevant vocational skills to the youth and raise their employability quotient.

Accordingly, the School of Vocational Education (SVE) was established in December 2011 to impart vocational education in the space of higher education. The MoU was signed with All India Council for Technical Education (AICTE), a statutory body of Ministry of Human Resource Development, in March 2012. The School of Vocational Education (SVE) has completed over a decade long journey which is replete with many accomplishments and success stories.

It is my immense pleasure to present the book **Skilling India: The TISS Story**. This is the outcome of the work the School has done in a decade. In the decade TISS SVE developed Bachelor of Vocational Degree (B. Voc.) and other programmes in 16 sectors. Over 6,000 students have completed B. Voc. and around 3,000 students completed P. G. Diploma programmes in various sectors. Over the years, the SVE has partnered with industry players to impart skill education. Tata Power, Titan Watches, Lava International, Taj Group of Hotels, Dr. Reddy's Laboratories, Lupin Pharma, Lenskart and many more such illustrious knowledge partners have done skill training of the students.

One of the key indicators of the success of vocational programmes is the placement percentage. Around 82 percent B. Voc. completed students have received placement or/are self-employed and 10 percent are pursuing further education. This data is quite encouraging indeed.

The book in your hand has many success stories narrated by TISS- SVE students. Some students have talked about how the vocational programmes have changed their lives and how this has helped them in their personal, and professional development. Some students have talked about their experiences while working during the COVID-19 pandemic and how they could make a difference in the lives of patients. Some girl students have narrated how they fought the odds and became self-sufficient, independent adults who are supporting their families. A few students have even become entrepreneurs. There are many more such encouraging stories which will be motivating for other students and skill education system in the country. One common message from all these stories is "if you have a keen interest in learning and if you have determination, you can help yourself in fighting with odds of life and can become an independent, self-confident person". I am sure these lessons of life will show a path to others.

In the coming years, the School will grow and will set an example of quality and innovation in the sphere of vocational education.

My best wishes to the TISS School of Vocational Education, and its efforts to create an ecosystem for skill education in the higher education sphere of the country, and to contribute in building a job-ready workforce.

Prof. Shalini Bharat,
Director/ Vice Chancellor
Tata Institute of Social Sciences

ACKNOWLEDGEMENT

Skilling India: The TISS Story would not have been possible without the kind support of many individuals. I would like to extend my sincere thanks to all of them. First and foremost, I am extremely grateful to Prof. Shalini Bharat, Director/Vice Chancellor, Tata Institute of Social Sciences. Her keen interest in developing the School of Vocational Education and her encouragement kept the entire team highly motivated.

I would like to express my special gratitude and thanks to Prof. Madhushree Sekher, Dean, School of Vocational Education. She put forth the idea of this book. The book has been possible due to her encouragement, guidance and valuable inputs. Her keen interest in bringing out this entire volume and her support is acknowledged.

I would also like to express my heartfelt gratitude to all my colleagues in the School of Vocational Education for the co-operation I received from them during my efforts to write this volume. Their help in getting the stories from students, providing data, photographs and support me in so many ways is greatfully acknowledged.

The contribution of all the Service Providers and Knowledge Partners for Skill Training, in helping to create this booklet of success stories is deeply appreciated.

Last but not the least, my special thanks to the students who have shared their testimonials for the book. The book would have been incomplete without their willing contribution.

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PART I
INTRODUCTION AND TISS SVE JOURNEY

INTRODUCTION AND TISS SVE JOURNEY

INTRODUCTION

India is one of the youngest countries in the world with nearly 12 million youth joining the workforce every year. It accounts for about 28 percent of the global workforce. In order to maximise the productivity of this workforce and get higher demographic dividend, the New Education Policy has recognised the role of Vocational Education and Training (VET).

VET aims to bridge the gaps between the supply and the demand for skilled labour force in the job market and has grown in importance all over the world during recent times, owing to the rapidly evolving nature of the job market as a result of the COVID-19 pandemic, volatile markets, and technological progress.

Presently, many young workers struggle to find employment. This results in loss of workdays and wages for them. Vocational Education and Training addresses these issues by enabling lifelong learning opportunities, improving youth employability, and creating a space for the young workforce in a rapidly evolving economy.

Global Trends in Vocational Education

High-quality VET education is crucial for boosting global productivity and tackling the problem of youth unemployment. VET universally aims at acquiring skills along with qualifications. It has been widely recognised that an individual's qualification or college degrees cannot be used as a proxy for his skill. The CIPD (Chartered Institute of Personnel and Development, U. K.) in its report on the UK job market notes that the mismatch of skills has a greater impact on productivity than qualifications mismatch, despite qualifications being the focal point of British education system. However, like the Indian scenario, the report observes increased barriers to the labor market especially for those without the right qualifications despite their skill match. One reason is that the skills are difficult to define and compare, both across industries within the same country as well as internationally. In this light, while skilling and informal training might aid specialized employment, formal VET empowers students with foundational skills and formal certifications to find jobs and aid their career growth across the world.

Many countries consider Vocational Education and Training as a key labour market policy in unemployment reduction aimed at boosting the competitiveness of the economies. Further, VET works on addressing the gaps in intergenerational educational opportunities. With the demographic transformation tilting towards aging population due to increased life expectancies, advanced economies are exploring opportunities that can increase working years and reduce the burden of the economy on the younger population. In advanced markets

such as Europe, Japan, and Korea, the younger workforce continues to be more skilled than the older workforce. Many of such countries are inclined to replace the older workforce with younger ones to improve productivity. VET tackles these issues by facilitating opportunities for lifelong learning, opening pathways for vertical growth notwithstanding the age of the person.

The Scenario of Vocational Education in India

Studies increasingly show that India has been suffering from a 'skill crisis' rather than a 'job crisis' due to the weak education, employment, and employability (3E's) eco-system and the poor matching among them. They also contribute towards slowing down the initiatives for employment generation and poverty reduction in India. One of the suggested solutions to this crisis is to improve the provision and the accessibility of high-quality VET education across the country. However, efficient execution of VET in India suffers from many hurdles. A primary concern is the quality of institutions offering VET courses and the poor linkages between industries and VET education providers. Further, VET graduates face the challenge of relatively weaker employment opportunities stemming from a lack of comparability of VET training across institutes and low awareness about the structure of VET. One of the biggest impediments in the VET journey, however, remains the negative social perception about VET graduates that needs to be changed in India.

Although formal VET education is relatively in its early stages of development and employability of VET graduates remains a matter of debate in developing economies, VET is nevertheless pursued in India due to several reasons, such as its potential to create opportunities for self-employment, bringing secondary or high school dropouts back into academic spaces, and the reduction of child labour (as recognized by ILO). VET equips the youth with communication and improved marketing skills as a part of the foundational courses taught at the university. One of the key contributions of VET in India remains the enhancement of productivity of the informal and unorganized workforce. A research report by Agrawal and Agrawal (2018) notes that formal trainees earn at least twice as much as informal VET trainees, especially in urban areas.

TISS Journey in Vocational Education

The School of Vocational Education (SVE) was established by the Tata Institute of Social Sciences (TISS) in December 2011 and it remains the leader in providing VET in India. TISS SVE follows a Work Integrated Training model, similar to the Germany's pioneering VET system in the world. In an attempt to address cross-industry comparison and comparison with General Education, VET is systematically designed and structured based on the guidelines developed by the National Skills Qualification Framework (NSQF) and the B. Voc (Bachelor of Vocational Education) guidelines of the University Grants Commission (UGC). TISS SVE offers 33 B. Voc.

Programmes, 17 Post Graduate Diplomas along with various certificate and short-term courses for students from various sectors all over India.

So far by June 2022, nearly 6177 students have graduated from TISS SVE out of which about 82 per cent have found initial placements or chosen to be self-employed . Ten percent of students have opted for higher education and 2 percent of students neither took up any employment nor enrolled for higher education. The employability of PG programmes stands around 92 percent. One percent of students opted for higher education while another 1 percent neither opted for employment nor higher education.

Before 2008, a World Bank report found that less than 40 percent of VET graduates got employment in India. In comparison, TISS SVE graduates have enjoyed above 65 percent employment over the years.

This relatively high success of TISS SVE can be attributed to many reasons such as the care taken in offering programmes based on market demand. This improves it greatly over established academic structures that respond very slowly to the market needs. Apart from hands-on training that can potentially improve their employability, the TISS SVE VET structure also allows students to earn during their internships, helping them sustain themselves and their dependents financially, thereby reducing the economic stress for students during their period of enrolment.

The main features of the TISS SVE model of skill training are:-

- Need-based programmes: Programmes are based on employment opportunities available in the respective sectors.
- Active participation from industries in designing and implementing the programmes.
- 'Work while you Learn' opportunities for students.
- Students get a degree along with three years of work experience. Thus, leading to enhanced employability in comparison to the conventional degree programmes.
- The model is scalable as the programmes are offered in the vicinity of industries.
- The model requires minimum investment since practical training is offered in the respective industries/sectors. So, there is no need to set up laboratories. Students can make use of the latest equipments to learn the skills.
- The programmes can also be offered to existing employees of the industry, and provide them a chance to complete their education up to the degree level, thus enabling upward mobility.
- The programmes are as per the UGC guidelines. Every individual level/year is a stand-alone certification recognized and awarded by TISS SVE.

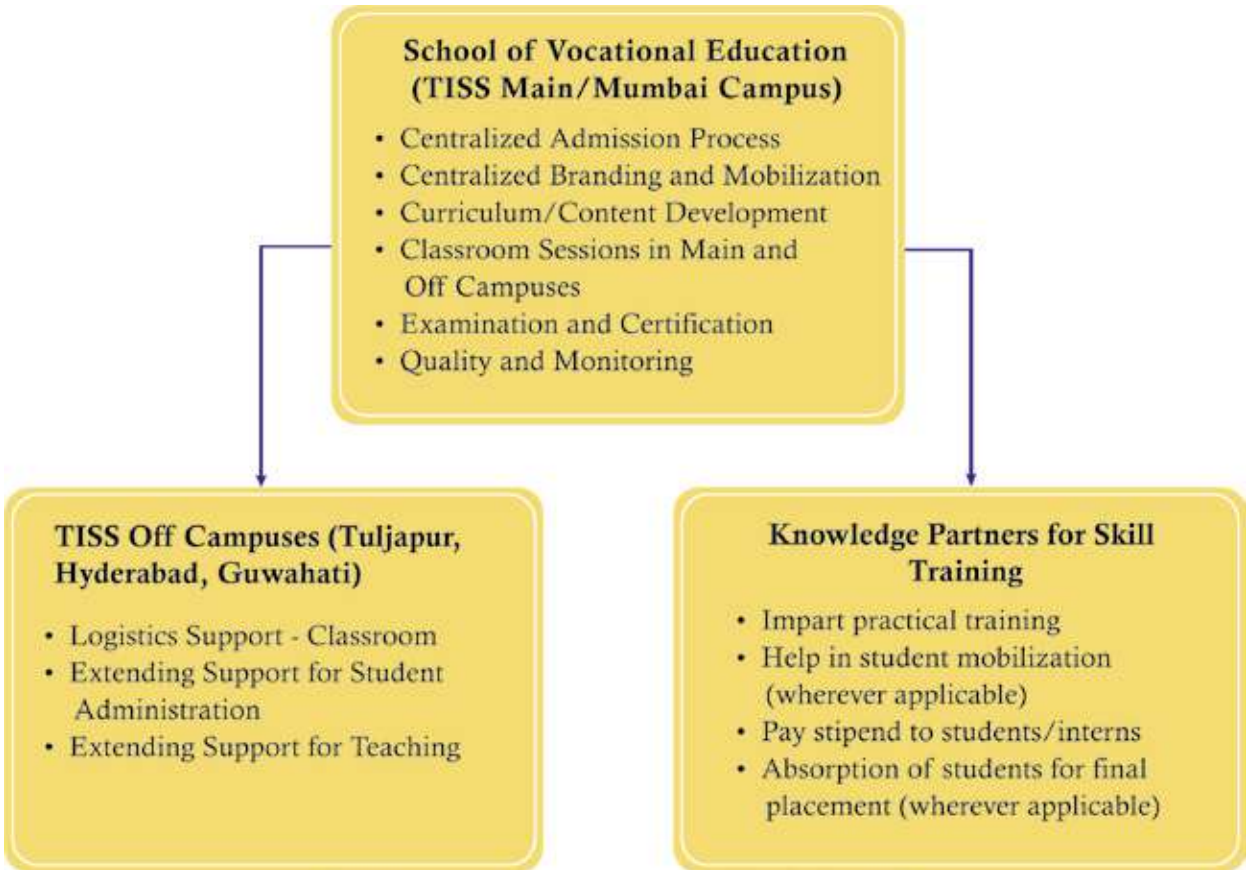
THE TISS SVE MODEL

TISS SVE has adopted the Work Integrated Training Programme (WITP) approach, providing students an opportunity to enhance their skills and gain workplace-based industry experience as a part of their degree/certification programme. The on the floor experience is built around the context of the skill set, enabling the students to learn by observing and working on active jobs. TISS SVE has formed associations with various industry and sector partners i. e. Knowledge Partner for Skill Training (KPSTs) to deliver work-integrated training.

TISS SVE provides the requisite standardized and structured classroom sessions as per B. Voc. guidelines of the UGC while inducting the students into the work settings.

TISS SVE currently offers several B. Voc. Programmes, Post Graduate Diploma programmes and various short-term programmes. P. G. Diploma programmes and short-term programmes help professionals in various sectors to enhance their competencies.

As per this model, the Mumbai campus of TISS SVE anchors the entire development and implementation of programmes. The programmes are offered through four campuses of TISS i. e. Mumbai, Tuljapur, Hyderabad, and Guwahati. TISS SVE signs MoU with KPSTs for on the job training (OJT) of students.



Milestones in the Journey of TISS SVE

Milestones	Year
Inception of School of Vocational Education	December 2011
MoU signed with AICTE for incubation of National Vocational University	March 2012 to March 2015
MoU extended for next two years	March 2015 to March 2017
Skill gap analysis, conceptualization of model, development of various programmes (Diploma, B. Voc. and P. G. Diploma)	Year 2012-2014
Students enrolled in TISS SVE programmes	July 2014
MoU with AICTE completed and TISS SVE became self sufficient	April 2017
Launch of new model	September 2021

TISS SVE at a Glance

Details (as on June 2022)	Nos.
Total Programme Sectors	16
B. Voc. Programmes	33
P. G. Diploma Programmes	17
Students Enrolled	
B. Voc. programme	6612
P. G. Diploma programme	172
Active Students in Various Programmes	6877
Programme Completed by the Students	
B. Voc.	6177
P. G. Diploma	2713
Total student count completed all programmes (including Short-Term Programmes)	24320
Service providers with active batches	45
Knowledge Partners for Skill Training	3424
Total Empanelled Guest Faculties	204

Admissions for the Year (2022-2023)	
Diploma	53
B. Voc.	2195
P. G. Diploma	255
Total Admissions	2503

PROGRAMMES OFFERED BY TISS SVE

B. Voc. Programmes (Duration: 3-Years)

Sr. No.	Sectors	Programmes
1	Agriculture	B. Voc. in Agriculture
2	Automotive	B. Voc. in Automotive Servicing Technology B. Voc. in Automotive Manufacturing Technology
3	BFSI	B. Voc. in Banking Finance Service Insurance
4	Capital Goods	B. Voc. in Industrial Tool Manufacturing B. Voc. in Mechatronics Technology B. Voc. in Production Technology
5	Child Care	B. Voc. in Child Protection B. Voc. in Early Child Development
6	Education	B. Voc. in Social Research
7	Electronics	B. Voc. in Electronic Manufacturing Services B. Voc. in Office Automation B. Voc. in Refrigeration and Air Conditioning
8	Health Care	B. Voc. in Medical Imaging Technology B. Voc. in Medical Laboratory Technology B. Optom (Bachelor of Optometry) B. Voc. in Dialysis Technology B. Voc. in Patient Care Management
9	Information Technology Enabled Services	B. Voc in Software Development
10	Pharmaceuticals (Life Sciences)	B. Voc. in Pharmaceutical Manufacturing B. Voc. in Manufacturing Technology (Pharmaceutical Chemistry)
11	Management, Entrepreneurship and Professional Skills (MEPS)	B. Voc. in Sales & Marketing B. Voc. in Operations
12	Media and Entertainment	B. Voc. in Graphics & Multimedia B. Voc. in Journalism
13	Renewable Energy (Power)	B. Voc. in Renewable Energy Technology
14	Retail Management	B. Voc. in Retail Management B. Voc in Retail Management with specialization in Agricultural Retail Automotive Retail (In Collaboration with Maruti Suzuki India Ltd) Automotive Retail E-Commerce
15	Sports Physical Education Fitness and Leisure Skills (SPEFLS)	B. Voc. in Sports Management B. Voc. in Adventure Sports
16	Tourism & Hospitality	B. Voc. in Travel & Tourism B. Voc. in Hotel Management B. Voc. in Hospitality Management

Post Graduate Diploma Programme (Duration: 1-Year)

Sr. No.	Sectors	Programmes
1	Agriculture	Post Graduate Diploma in Agribusiness Management
2	Banking, Financial Markets & Insurance	Post Graduate Diploma in Banking, Financial Markets & Insurance Post Graduate Diploma in Bank Credit Management Post Graduate Diploma in Markets, Banking & Operations
3	Child Care	Post Graduate Diploma in Early Childhood Development and Education
4	Health Care	Post Graduate Diploma in Dialysis Technology Post Graduate Diploma in Emergency Medical Services Post Graduate Diploma in Critical Care Technology Post Graduate Diploma in Medical Lab Technology Post Graduate Diploma in Hysotechnology and Cytotechnology
5	Information Technology Enabled Services	Post Graduate Diploma in Computer Applications Post Graduate Diploma in Software Development
6	Management Entrepreneurship and Professional Skills (MEPS)	Post Graduate Diploma in HR & Administration Post Graduate Diploma in Marketing Post Graduate Diploma in Digital Marketing Post Graduate Diploma Training and Development
7	Renewable Energy (Power)	Post Graduation Diploma in E-vehicle Technology

Placement Percentage of B. Voc. Students (Total: 5573)

Placed	Self Employed	Pursuing further Education	Placement Not Opted	Details not available
80	2	10	2	6

Placement Percentage of P. G. Diploma Students (Total: 1297)

Placed	Self Employed	Pursuing Further Education	Placement Not Opted
96	2	1	2

FIGURE 1
Sector-wise Number of Programmes (223)

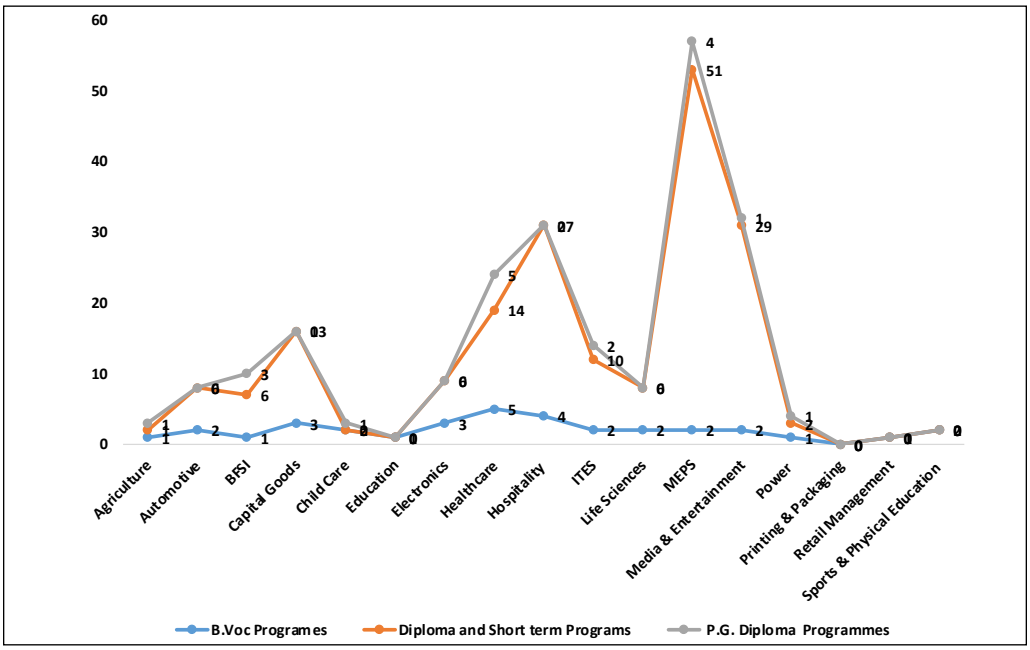


FIGURE 2
Sector-wise Percentage of Active Students Enrolled in the Programmes (6877)

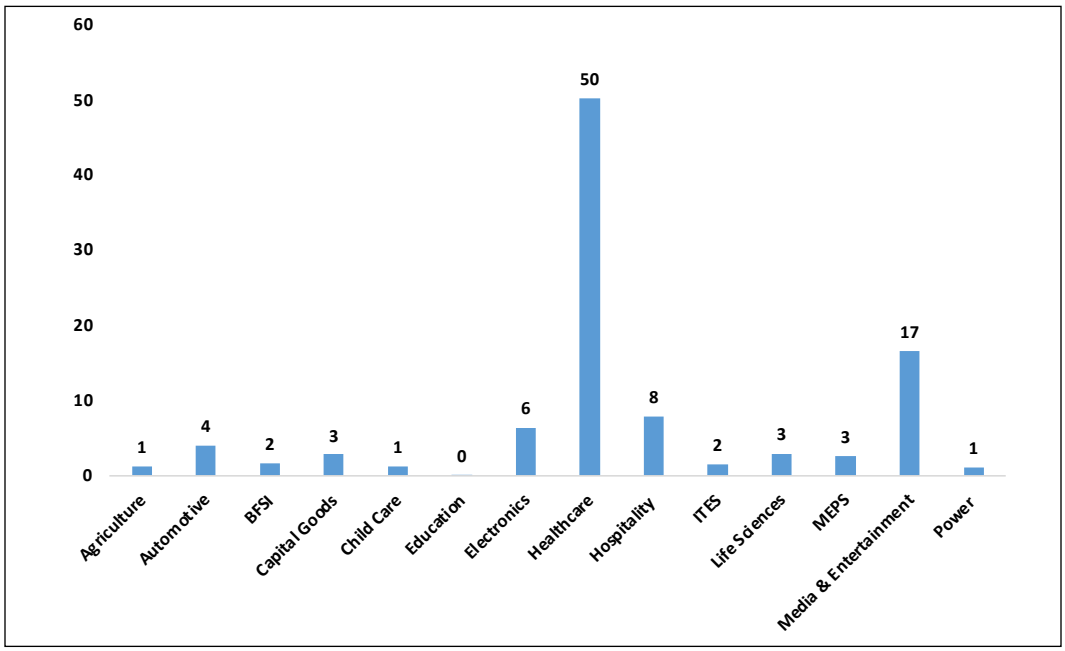


FIGURE 3
Sector-wise Percentage of Passed out Students in all Programmes (24320)

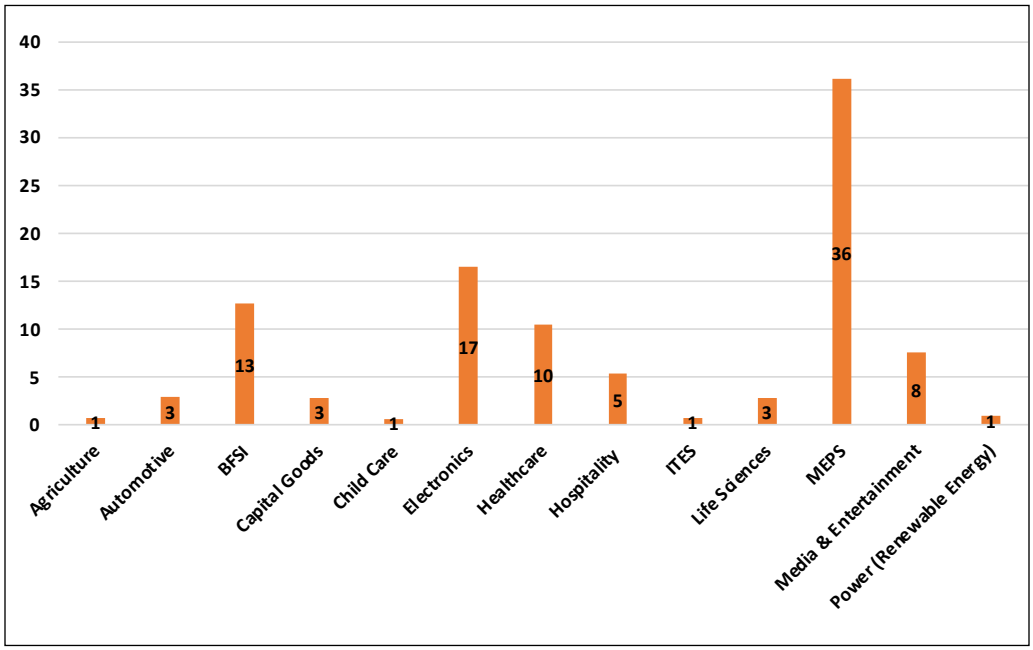


FIGURE 4
Sector-wise Percentage Students Completed B. Voc and P. G. Diploma Programmes (8890)

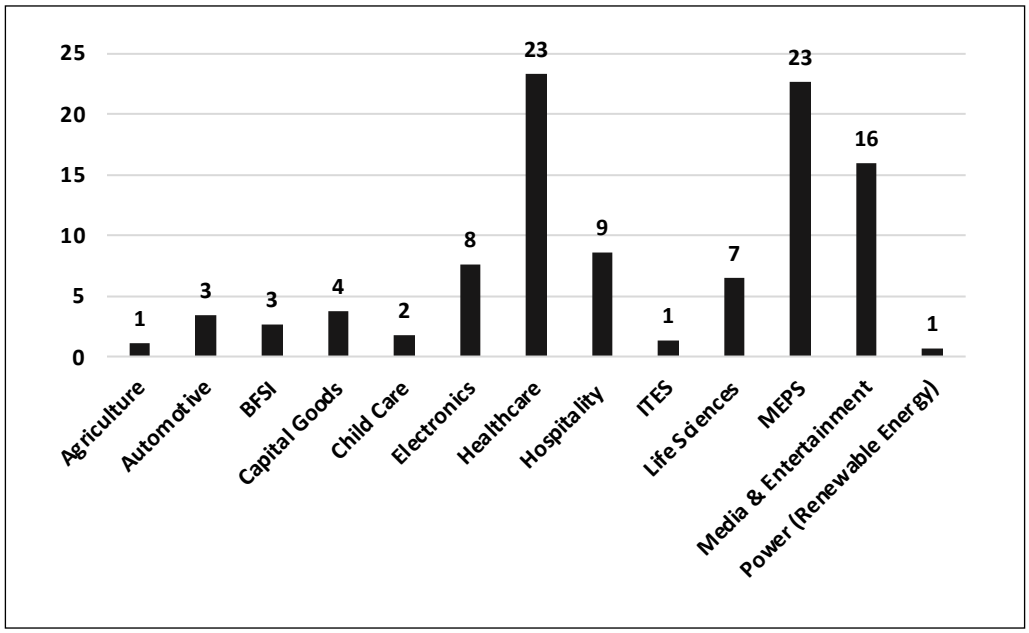


FIGURE 5
Sector-wise Association with Knowledge Partners for Skill Training (3424)

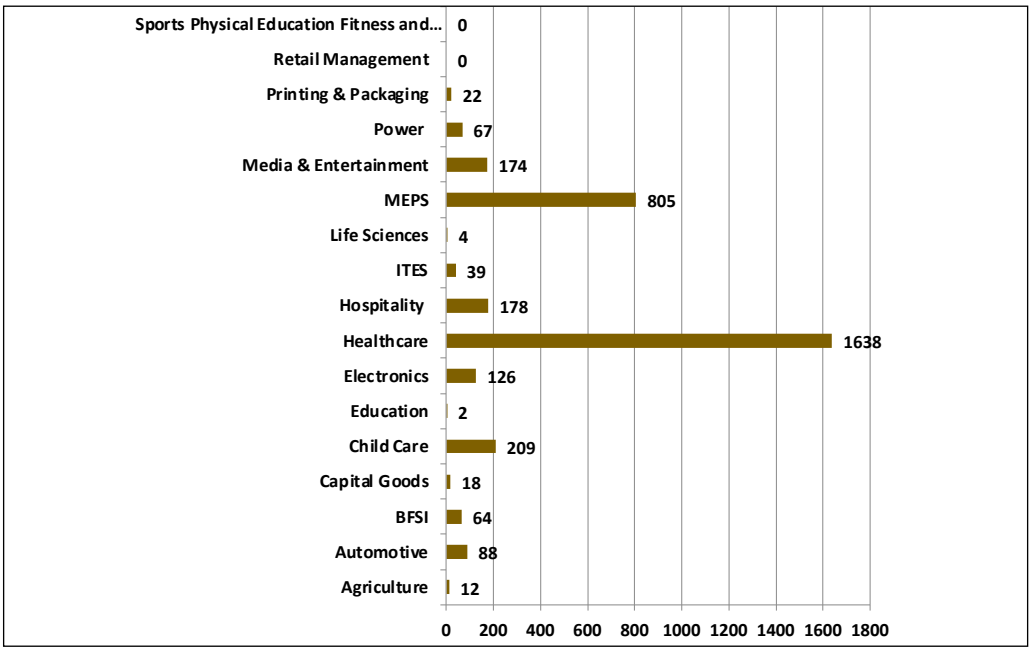


FIGURE 6
Sector-wise Placement percentage of B. Voc. completed students (5573)

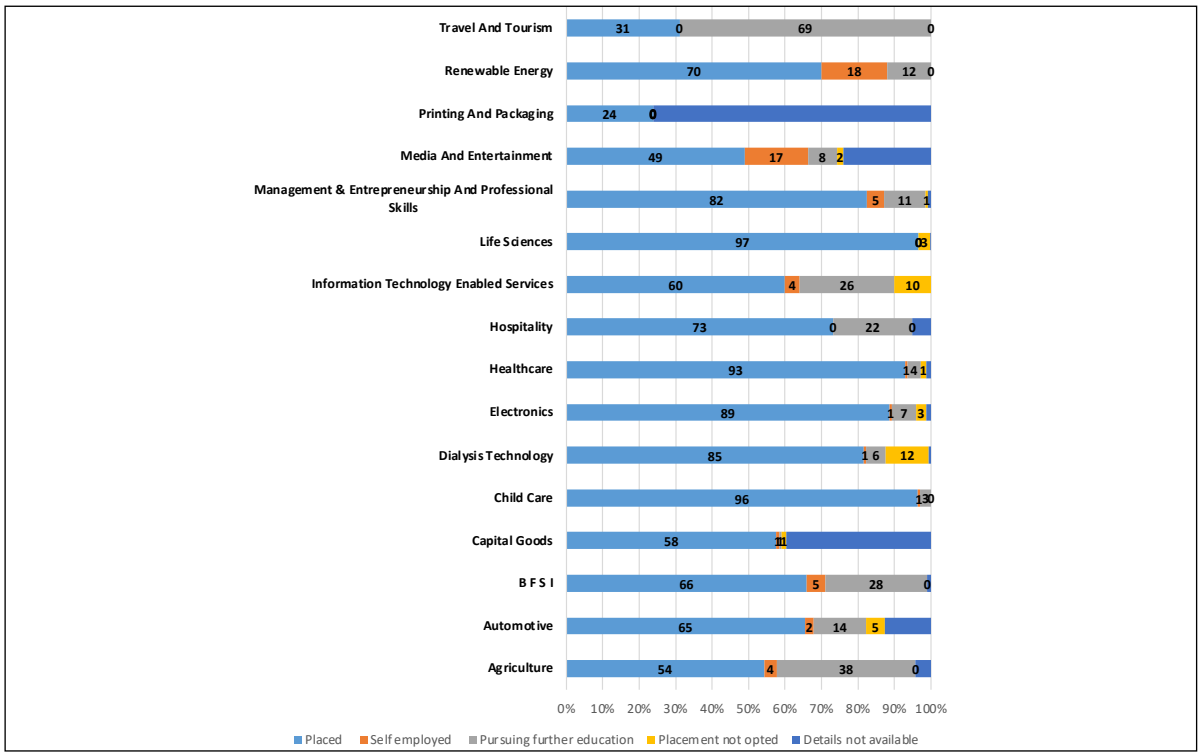


FIGURE 7
Sector-wise Placement Percentage of P. G. Diploma Students (1297)

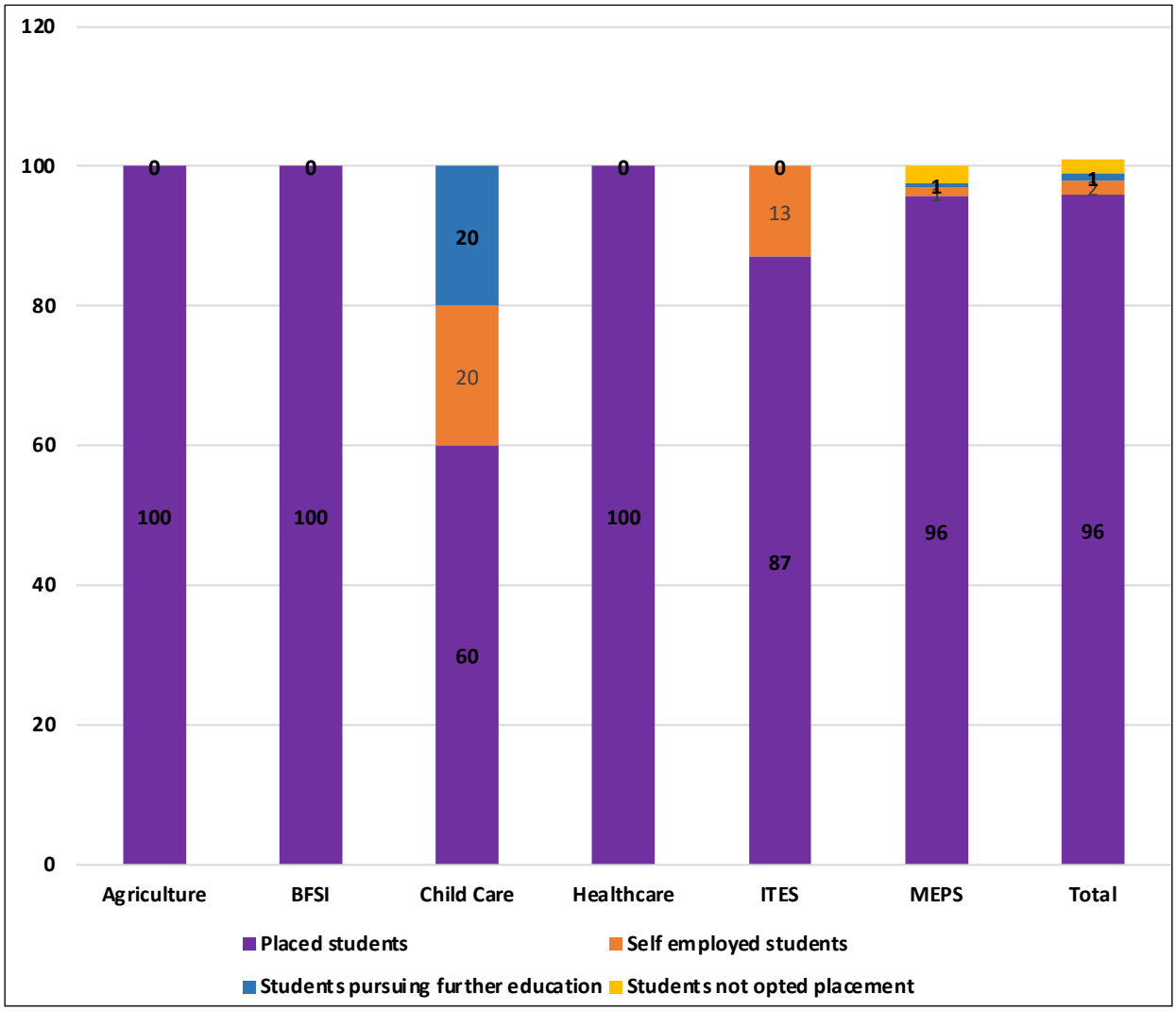


FIGURE 8
Placement Percentage of Diploma Students (170)

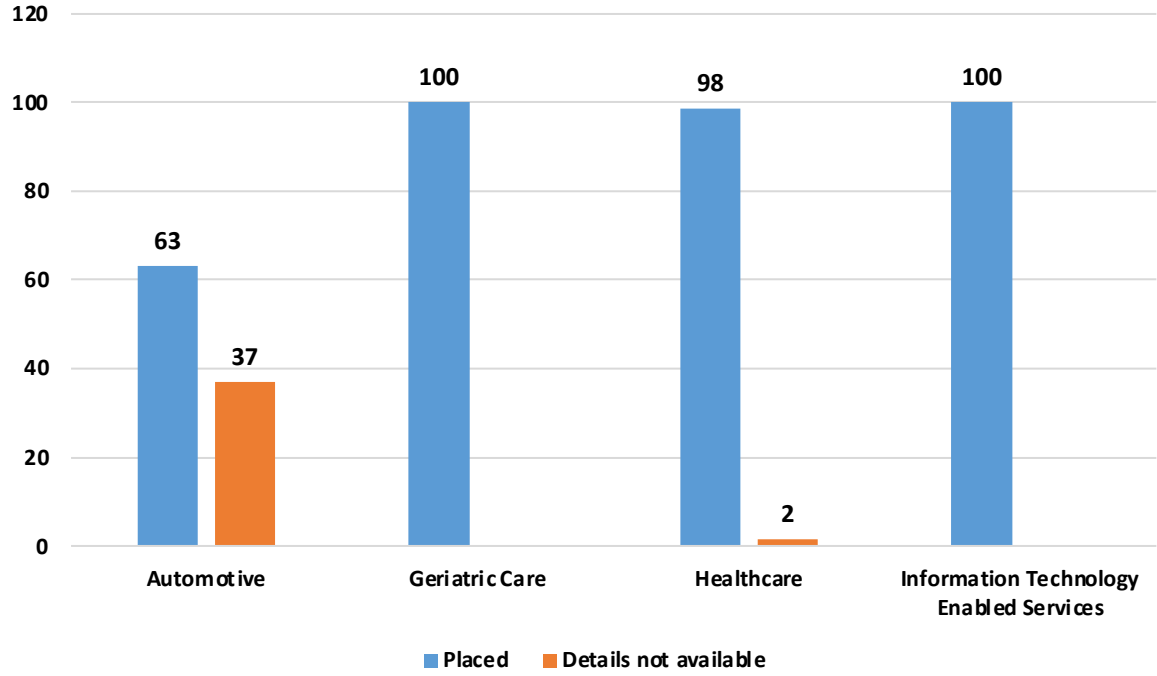
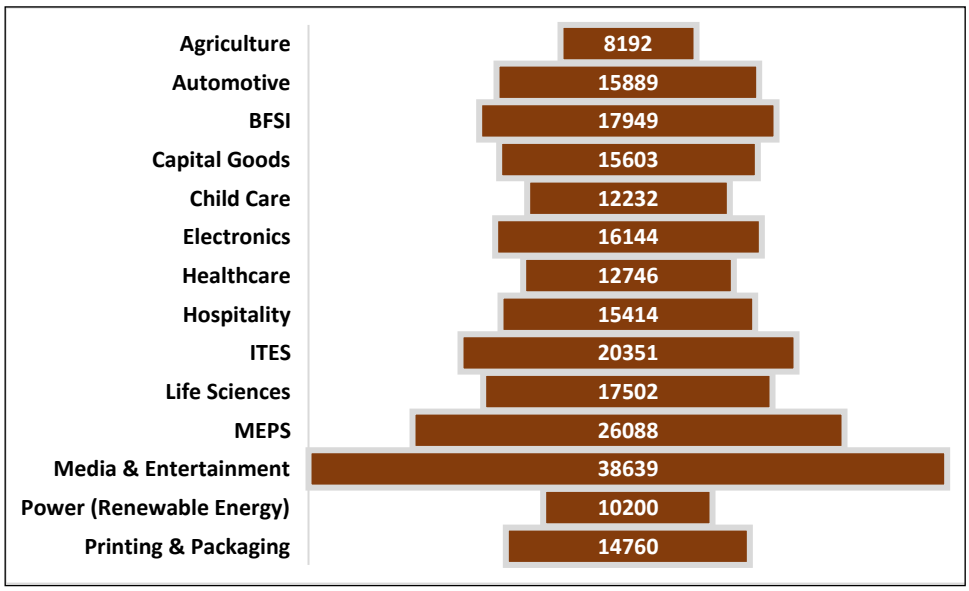


FIGURE 9
Sector-wise Average Monthly Salary (in Rupees)



PART II
SECTOR SPECIFIC REPORTS

STUDENTS AT ON THE JOB TRAINING

TISS SVE is working in various vocational sectors at pan India level. They include manufacturing, service and social sectors.














AGRICULTURE








Agriculture is one of the most vital sectors of India. It provides livelihood to almost 58% of the Indian population. Moreover, India has become one of the major players in agriculture by becoming the leading producer of pulses, rice, wheat, spices, and spice products. Furthermore, with the numerous government policies in place, the agriculture sector continues to show impressive growth. Agriculture and allied sectors contribute around 20 percent in India's GDP. It provides employment to more than 65 percent of the population. India is self-sufficient in food grains and ranks first or second in most agricultural products. Allied sectors such as animal husbandry, dairying and fisheries have grown consistently and emerged as key drivers of overall growth in the agriculture sector. The sector is, however, facing increasingly complex issues due to integration of world market, technological advancement, development of the derivative market etc. To cater to this complexity, skilled human resources are required to respond to the current situation.

Highlights of Agriculture Sector (as on June 2022)

Active Students	
Diploma	29
B. Voc.	61
Total	**90**
Programmes	
Diploma	1
B. Voc.	1
P. G. Diploma	1
Total	**3**
Students Completed Programmes	
Diploma	72
B. Voc.	83
P. G. Diploma	23
Total	**178**
Service Providers with active batches	2
Knowledge Partner for Skill Training	12

Key Knowledge Partners for Skill Training

DeHaat (Online platform for farmers); Krishi Vigyaan Kendra.

AUTOMOTIVE








The Indian automotive industry is one of the fastest-growing markets in the world and is projected to be the third largest globally by 2030. It contributes about 35 percent to the manufacturing GDP of the country. One of the key pillars of the economy, automobile sector contributes 7. 1 percent of India's overall GDP.

The Indian auto sector is expected to witness tectonic change in coming years with focus shifting towards green energy and technology being at the core of vehicle production. The new vehicles coming to the market are loaded with technology. The government on its part has announced a slew of incentive to make the shift towards advanced automotive technology faster. Besides becoming a global auto hub, India is also expected to become key R&D centre for global auto giants. This will require altogether a new set of skills at shop floors. Unless the skill gaps are plugged and workers are equipped with required skills, the industry could grapple with major shortage of skilled human resources.

TISS SVE offers two B. Voc. programmes in Automotive sector - **B. Voc. in Automotive Manufacturing and B. Voc. in Automotive Servicing.**

Highlights of Automotive Sector

Programmes	
Short Term	5
Diploma	1
B. Voc.	2
P. G. Diploma	-
Total	**8**
Active Students	
Short Term	-
Diploma	-
B. Voc.	272
P. G. Diploma	-
Total	**272**
Students Completed Programmes	
Short Term	115
Diploma	300
B. Voc.	311
P. G. Diploma	-
Total	**726**
Service Providers with active batches	6
Knowledge Partners for Skill Training	88

Key Knowledge Partners for Skill Training

Sanjeev Auto Parts, Thermal systems, Popular Vehicles, Trident Hyundai.

BANKING, FINANCIAL SERVICES AND INSURANCE








The Banking, Financial Services and Insurance (BFSI) sector has been on high growth path. With massive deployment of technology by banks and financial institutions, shift towards digital transactions and need to bring efficiency in the system, the BFSI sector has emerged as one of the strongest growth drivers of the country's economy. Considering the growth of Indian economy in coming years, the outlook for the BFSI sector is quite upbeat. Amid swift adoption of technology in the sector, it has seen demand for skilled personnel going up substantially. While considering this various programmes are offered in this sector.

B. Voc. in Banking, Financial Services and Insurance (BFSI)- This is an undergraduate programme. It aims to train the students in various aspects related to banking and its allied areas. The programme covers areas such as – banking, finance, insurance, investment, risk management, computer application, IT and more. After completion of this programme,students may get employment opportunities in banking sector, insurance companies, risk management firms and finance consultancies.

Highlights of Banking, Financial Service and Insurance Sector

Programmes	
Short Term	6
Diploma	-
B. Voc.	1
P. G. Diploma	3
Total	**10**
Active Students	
Short Term	-
Diploma	-
B. Voc.	94
P. G. Diploma	16
Total	**110**
Students Completed Programmes	
Short Term	2842
Diploma	-
B. Voc.	139
P. G. Diploma	101
Total	**3082**
Service Providers with active batches	2
Knowledge Partners for Skill Training	64

Key Knowledge Partners for Skill Training

Star Health Insurance; Life Insurance Corporation of India; HDFC Life and Focsurance Marketing and Research Pvt. Ltd.

CAPITAL GOODS








Capital Goods industry is often referred as mother of all manufacturing industries. As capital goods are the goods which are used by the industry to manufacture other products, the performance of this crucial component of the economy is closely linked with the manufacturing sector. With India aspiring to become the manufacturing powerhouse of the world, a growing and thriving capital goods industry is pivotal for achieving this goal.

Given that India has emerged as the fastest-growing major economy in the world and projected to become third largest by 2027, the demand for capital goods is expected to remain robust. This will result in a substantial jump in demand for job-ready trained personnel.

Based on the basis skill gap analysis and geographic mapping, TISS SVE is offering three Bachelor's programmes (B. Voc. in Industrial Tool Manufacturing, B. Voc in Production Technology and B. Voc in Mechatronics).

The courses offered under the Capital Goods sector are work-integrated programmes with a mandatory on the job training (OJT) requirement of minimum 360 hours per semester on the

shop floor of the industry. Some of the renowned industry partners supporting TISS SVE in this initiative include Varroc Engineering, Titan Company Ltd, Lakshmi Machine Works, Bimetal Bearings, RGK Group of Industries, Jamna Auto Industries etc at various locations such as Aurangabad, Coimbatore, Hosur, Rajkot.

Many students who earlier joined these programmes were from economically weaker sections and rural areas but were determined to complete their education/degree. Parallely, there was tremendous contribution from the supervisors, faculties to bring them up to the required level. Programme fees was sponsored by the industry partners and the stipend earned by the students helped them support their families. On the job training and the classroom sessions helped students to enhance their industrial skills. Students who used to interact only in their native language earlier were able to learn English language in 3 years duration of the course. Generic subjects like Functional English, Communication skills, Personal Grooming, Digital & Financial Literacy etc in the B. Voc. syllabus helped students to enhance their confidence and in turn helped them clear the interviews towards the end of the programme. Many of the good performing candidates were absorbed by the same organization. Some of them got placed in the same industry, some opted for higher studies and some girls chose to get married after completion of their degree programme.

Highlights of Capital Goods Sector

Programmes	
Short Term	13
Diploma	-
B. Voc.	3
P. G. Diploma	-
Total	**16**
Active Students	
Short Term	-
Diploma	-
B. Voc.	16-5
P. G. Diploma	
Total	**195**
Students Completed Programmes	
Short Term	364
Diploma	-
B. Voc.	332
P. G. Diploma	-
Total	**696**
Service Providers with active batches	2
Knowledge Partners for Skill Training	18

Key Knowledge Partners for Skill Training

Texmo Industries; Lakshmi Machine Works Ltd. ; Titan Ltd and Bimetal Bearing Ltd.

These Knowledge Partners for Skill Training have played a vital role in providing skill training to the students. They also have given them job opportunities. A few students got job opportunities in other companies of the same sector.

The details of students trained and placed for jobs are as follows:

KPST Name	Total Student Count	Students Placed in the same company	Student placed in other companies	Placement not opted	Placement Percentage	Average Salary (per month)	Highest Salary
Texmo Industries	48	46	0	2	95. 83	14000	14000
Lakshmi Machine Works Ltd	39	39	0	0	100	20000	20000
Titan Ltd	77	27	50	0	85. 71	13780	17000
Bimetal Bearing Ltd	20	4	16	0	100	16000	16000

CHILD CARE








Skill development in social sector is always the priority of TISS. The School of Vocational Education also has always focused on social needs while offering programmes. Child Care is one such sector. Though there is no sector skills council, no National Skills Qualifications Framework (NSQF), this sector has been included by TISS SVE.

Child care is a vital area where a lot of skilled professionals are required. The foundation of one's health and personality is laid right from infancy to childhood. There are many critical issues specific to children e. g. developmental issues, rights issues, trafficking and many more. Though there are multiple government and non-government organisations (NGOs) working in the sector, there is scarcity of trained people in the field. There is a misconception in the community that work with children can be done without any training. The reality is that professionals working with children require high levels of specific skills and theoretical knowledge of the sector.

So, TISS SVE has developed two B. Voc. programmes under Child Care i. e. **B. Voc. in Child Development and B. Voc. in Child Protection.**

Highlights of Child Care Sector

Programmes	
Short Term	-
Diploma	-
B. Voc.	2
P. G. Diploma	1
Total	**3**
Active Students	
Short Term	-
Diploma	-
B. Voc.	82
P. G. Diploma	-
Total	**82**
Students Completed Programmes	
Short Term	
Diploma	
B. Voc.	113
P. G. Diploma	48
Total	**161**
Service Providers with active batches	1
Knowledge Partners for Skill Training	209

ELECTRONICS







India is fast emerging as a major source market in the global supply chain for electronics. With government focus on cutting import dependence, the domestic electronics sector has witnessed capacity scale-up. On the back of several initiatives taken by the government, India's share in global electronics manufacturing has increased substantially.

The electronics manufacturing industry in India is growing at a much faster pace due to the ever-growing demand for consumer electronics, IT and telecom goods. India is an attractive hub for foreign investments in the manufacturing sector as well. Several mobile phones, luxury and automobile brands, among others, have set up or are looking to establish their manufacturing bases in the country. This has given rise to the demand for skilled professionals in Electronics Manufacturing and Services.

TISS SVE is offering **B. Voc. in Electronics Manufacturing Services** at Noida in collaboration with industry partners like LAVA International and Salcomp Manufacturing India Pvt Ltd. These companies work in the area of mobile phone, charger and carbon fiber products manufacturing. These industries support students by giving them on the job training opportunities, paying their programme fees, giving them monthly stipend and a few other facilities. Most of the students

joined in the programme were needy students. They came from under privileged families. They faced various challenges in completing their education. However, this programme has helped them to complete the 3-year degree course along with work experience at top-notch firms. While completing the education, students also could financially support their families. In addition to this students could develop professional skills like communication skills, functional English, basics of computer and so on through the classroom sessions. All this has helped students to get employment opportunities in the industry.

Funfirst Global Skillers Pvt. Ltd, a service provider of TISS SVE, supported students right from the enrollment in the programme to placement. Funfirst connected with students from the rural areas of Bihar, Uttar Pradesh and Orissa. The 12th passed students, who could not afford education, were enrolled in the programme. These students were placed in the KPST like Lava International and Salcomp where the company sponsored their fees, paid them stipend and also gave them the training. This has helped in the empowerment of rural students.

Placement Summary of the batches completed so far is mentioned below. The first batch passed out in December 2018.

Degree Completion Year	Total Students	Placed	Pursuing Further Education	Placement Not Opted	Average Monthly Salary	Highest Monthly Salary
December 2018	152	135	17	0	15900	28000
June 2019	163	149	14	0	16800	30500
Dec 2019	23	22	1	0	17000	27800
June 2020	31	28	2	1	16400	19000
Dec 2020	73	58	2	13	18200	22000
June 2021	49	43	0	6	16300	23000

Two other programmes offered under the sector are B. Voc. in Office Automation and B. Voc. in Refrigeration and Air Conditioning.

Highlights of Electronics Sector

Programmes	
Short Term	6
Diploma	-
B. Voc.	3
P. G. Diploma	-
Total	**9**
Active Students	
Short Term	-
Diploma	-
B. Voc.	437
P. G. Diploma	-
Total	**437**
Students Completed Programmes	
Short Term	3237
Diploma	113
B. Voc.	675
P. G. Diploma	-
Total	**4025**
Service Providers with active batches	2
Knowledge Partners for Skill Training	126

Key Knowledge Partners for Skill Training

LAVA International; Salcomp Manufacturing India.

HEALTH CARE








"Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity," states WHO Constitution. This state of health enables a person to lead a socially and economically productive life. Paramedical professionals play a vital role in the health care delivery system. They should be skilled and should be sensitive towards patients. They can act as catalyst for delivering the promotion of health care as well as work for preventive and curative health care.

During the COVID 19 pandemic, it was observed that there is a scarcity of skilled human resources in the healthcare sector in India as well as on international level. As government beefs up healthcare system taking multi-pronged approach, there is growing demand for trained personnel in the sector. In the post-pandemic world there has been increased focus on leveraging technology to deliver quality healthcare services. By bridging the skill gap in the sector, India can not only meet its domestic requirement of trained personnel but also provide nurses, paramedics and other trained medical staff to other countries.

As per a report titled 'Future of work after COVID-19' by McKinsey Global Institute, demand for health aides, technicians, wellness professionals, nurses and other healthcare workers are likely to see the highest growth by 2030 across countries. The report pegged net employment change (2018-2030) for health professionals at a whopping 112 per cent. To meet the demand of medical professionals, several states in India have started recruitment drives.

At TISS SVE various programmes are being offered under healthcare vertical:

- B. Voc. in Medical Imaging Technology (B. Voc MIT)
- B. Voc. in Medical Laboratory Technology (B. Voc MLT)
- B. Voc in Optometry
- B. Voc in Dialysis Technology
- B. Voc. in Patient Care Management (Palliative Care and Geriatric Care)

In addition to these programmes, P. G. Diploma and Short Term programmes are also being offered.

During the COVID-19 pandemic around 2000 students and ex-students of TISS SVE worked as COVID-19 warriors and provided their services.

Highlights of Health Care Sector

Active Students	
B. Voc.	3339
P. G. Diploma	109
Total	**3448**
Programmes	
B. Voc.	5
P. G. Diploma	5
Diploma	3
Short term	11
Total	**24**
Students Completed Programmes	
B. Voc.	1529
P. G. Diploma	544
Diploma	263
Short Term	209
Total	**2545**
Service Providers with active batches	13
Knowledge Partners for Skill Training	1638

Key Knowledge Partners for Skill Training

Apex Kidney Care, Mumbai; IQRAA International Hospital and Research Centre, Santhi Hospital Kozhikode; Lourde Hospital, Kannur and Lenskart (Pan India).

Apex Kidney Care Pvt. Ltd. (APEX) provides comprehensive kidney care at affordable rates to patients suffering from kidney disease. It currently operates more than 150 centers providing out-patient and in-patient dialysis services across 9 states in India. APEX is associated with TISS SVE since 2012 in the role of domain expert, service provider and the Knowledge Partners for Skill Training. So far, they have trained around 390 students and all their students have got jobs as dialysis technologists across the country. APEX provides stipend to the students so that they can take care of their expenses on education. They also facilitate scholarships for needy students.

IQRAA International Hospital and Research Centre**,** Kozhikode is a Knowledge Partners for Skill Training and Service Provider in Kerala. This is a 400 bedded multi speciality hospital and they offer quality medical treatment to the common people at the most affordable rates. They are associated with TISS SVE from year 2013. Empowerment of girl students is their priority area. Some of their students were from J. D. T Islam Orphanage for girls.

The training and placement details of APEX Kidney Care and IQRAA Hospital are as follows:

KPST Name	Total Student Count	Total Student Pursuing course	No of students offered job by KPST	Student placed in the sector	Average Monthly Salary	Highest Salary
Apex Kidney Care	390	60	190	140	18000	75000
IQRAA Hospital	432	169	104	159	25000	1,50,000

Lenskart. com, a company in eye wear is associated with TISS SVE since year 2021 for the Optometry programme. They have enrolled their own employees in the programme to upgrade them. Currently, 34 employees of Lenskart are doing their graduation in Optometry from TISS SVE.

INFORMATION TECHNOLOGY ENABLED SERVICES








In today's digital era, Information and Communication Technology (ICT) has become one of the basic requirements of society. It is now difficult to imagine lives without technology and digital devices. The Information Technology Enabled Services (ITES) sector which includes IT services, engineering design, R&D services and BPO services among others has changed the world. It continues to drive growth in business and economy. ITES services are delivered over telecom or data network to a range of external business areas. The changing economic and business conditions, rapid technological innovation, the proliferation of the internet and globalization are creating an increasingly competitive environment.

The role of technology has evolved from supporting corporations to transforming them. So, the sector is quite important. Two B. Voc. Programmes are offered under this sector: B. Voc. in Software Development and B. Voc. in Machine Learning and Artificial Intelligence

B. Voc. in Software Development: It is a well-known fact that for any kind of software application, development of software is required. B. Voc. course in Software Development not only covers programming aspect but also covers other capabilities required in the overall process of software development.

B. Voc. in Machine Learning (ML) and Artificial Intelligence (AI): A lot of job opportunities will be created in the field of AI in near future. The B. Voc. programme brings an overall platter of knowledge and skills, required for the ML and AI domains. With a diligently crafted course curriculum, students will gain a root-level understanding of concepts driving the ML algorithms. Successful completion of the programme will enable students to take on multiple job roles in the data analytics discipline.

Highlights of the Information Technology Enabled Service Sector

Programmes	
Short Term	9
Diploma	1
B. Voc.	2
P. G. Diploma	2
Total	14
Active Students	
Short Term	-
Diploma	-
B. Voc.	107
P. G. Diploma	-
Total	107
Students Completed Programmes	
Short Term	7
Diploma	48
B. Voc.	60
P. G. Diploma	64
Total	179
Service Providers with active batches	2
Knowledge Partners for Skill Training	39

Key Knowledge Partners for Skill Training

Tata Consultancy Services; Bangalore; Virtual Education Trust, New Delhi; Aadya Global Healthcare Pvt. Ltd.

LIFE SCIENCES








The Indian pharmaceutical industry is the world's 3rd largest by volume and 14th largest in terms of value. India is the largest provider of generic drugs globally. It is world leader in vaccine manufacturing and supplies over 50 percent of global demand for various vaccines. The Indian pharmaceutical industry fulfils nearly 40 percent of generic medicine demand in the US and 25 percent of all medicine in the UK. The domestic pharmaceutical industry includes a network of over 3,000 drug companies and 10,500 manufacturing units. Thus, a lot of employment opportunities are available in the sector and future prospects remain bright.

Under Life Sciences vertical, two Bachelor's programmes (B. Voc in Pharmaceutical Manufacturing and B. Voc in Manufacturing Technology – Pharmaceutical Chemistry) are being offered by TISS SVE. These programmes cater to the specific requirements of both Formulations & API (Active Pharmaceutical Ingredients) Manufacturing Plants respectively. Both student interns and employees have been enrolled for these programmes by various pharmaceutical companies like Dr. Reddy's Laboratory, Lupin Pharma, Strides Pharma, Emcure Pharma, Recipharm at various locations pan India like Hyderabad, Vizag, Nalagonda, Sikkim, Tarapur, Goa, Dabhasa, Nagpur, Bangalore, Pondicherry, Pune. Being work-integrated

programmes, on the job training provided by these companies on their shop floors provides practical exposures to students. The students learn by observing and working actively. The industries extend support to the students by sponsoring their programme fees, paying monthly stipend and providing few other facilities. This also helps the students to financially support their families, besides completing their education and accreditation from renowned university like TISS. Since the students undergo on the job training for three long years with the industry, the possibility of the same organization absorbing these candidates basis their performance is very high. This is evident basis some of our placement records. The programmes are mapped to the industry requirements and not specifically to any organizational requirement. This widens the scope of employment of these students.

The Knowledge Partners for Skill Training have played a vital role in providing skill training to the students. They also have given them job opportunities. A few students got job opportunities in other companies of the same sector. The details of students they trained and placed for jobs are as follows:

KPST Name	Total Student Count	Students Placed in the same company	Student placed in other companies	Placement Percentage	Average Monthly Salary	Highest Salary
Dr. Reddy's Laboratory	442	387	54	100	20042	30000
Stride Pharma Science Ltd	67	50	17	100	13709	20000
Lupin Pharma Ltd	242	242	0	100	23233	25800

Highlights of the Life Sciences Sector

Programmes	
Short Term	6
Diploma	-
B. Voc.	2
P. G. Diploma	-
Total	**8**
Active Students	
Short Term	-
Diploma	-
B. Voc.	201
P. G. Diploma	-
Total	**201**
Students Completed Programmes	
Short Term	105
Diploma	-
B. Voc.	584
P. G. Diploma	-
Total	**689**
Service Providers with active batches	2
Knowledge Partners for Skill Training	4

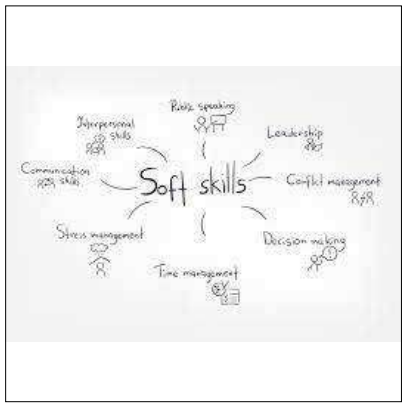
Knowledge Partners for Skill Training

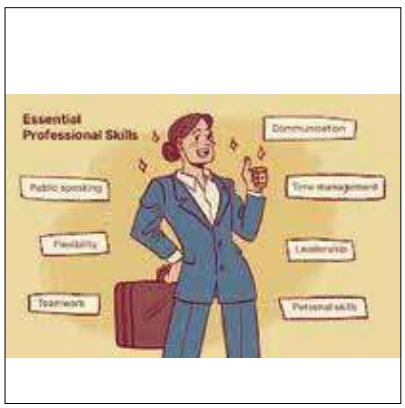
Dr. Reddy's Laboratory; Stride Pharma Science Ltd. ; Lupin Pharma Ltd; Emcure Pharma.

MANAGEMENT, ENTREPRENEURSHIP AND PROFESSIONAL SKILLS













Managerial skills are a set of behaviours that lead to effective job performance. A huge percentage of Indian graduates are unemployable due to lack of skills, both technical and generic, expected by employers. While a maximum of the applicants get hired on the grounds of their technical skills but often get fired due to lack of generic skills. The primary reason behind these rejections is a major gap in skill sets required to manoeuvre through the professional realm. Critical thinking, creativity, judgement, decision making, service orientation, and people management skills are certainly a must-have irrespective of the profession you belong to.

Job creation is the need of the hour and India needs many entrepreneurs who can create jobs both in semi-urban and rural areas. Entrepreneurship brings competition to produce top quality products and services. It is a source of income for the government.

The Management, Entrepreneurship And Professional Skills (MEPS) sector of TISS SVE is committed to creating professionally competent workforce for national and international markets. It focuses on job roles which are not specific to a particular sector and industry but for the functions. Two B. Voc. programmes and various post graduate diploma programmes, short term programmes are being offered under the sector.

B. Voc. in Sales and Marketing

The objective of this programme is to give insight to the students into various types of sales and their business applications. After completing the B. Voc. the graduates can find jobs in the sector and establishments such as retail chains, retail stores, supply chain management firms, advertising firms, PR firms, branding firms, sales and marketing agencies, and consultancies.

B. Voc. in Operations

This programme covers the fundamental principles of supply chain and inventory management, inventory management measurements and techniques etc. By end of the programme, students learn the technical details of Supply Chain and Inventory Management and apply them in the supply chain process. On completion of this programme, students become competent to get employment at logistics management firms such as supply chain management firms. They can perform the roles such as – Logistics Manager, Operations Manager, Assistant Manager etc

Highlights of the Management Entrepreneurship and Professional Skills Sector

Programmes	
Short Term	51
Diploma	-
B. Voc.	2
P. G. Diploma	4
Total	**57**
Active Students	
Short Term	-
Diploma	-
B. Voc.	142
P. G. Diploma	36
Total	**178**
Students Completed Programmes	
Short Term	6783
Diploma	-
B. Voc.	278
P. G. Diploma	1741
Total	**8802**
Service Providers with active batches	802
Knowledge Partners for Skill Training	3

MEDIA AND ENTERTAINMENT








The Indian media and entertainment industry has grown rapidly over the years and is projected to continue the momentum driven by television and AGV (Animation, Gaming and VFX) segments. Roll-out of 5G mobile services is set to spur the growth. With digital divide narrowing fast, media penetration is set to accelerate necessitating right pool of trained human resources to support and sustain the growth. Vocational education programmes promise to create industry-ready workforce. At TISS SVE, there are two B. Voc. programmes under Media & Entertainment.

B. Voc. in Graphic and Multimedia- Graphics and Multimedia is the combined use of text, graphics, sound, animation, and video. The primary objective of this programme is to teach the students the basic understanding of multimedia. The foundation of Visual Design and Multimedia Design is covered in this programme.

B. Voc. in Journalism - The key areas covered in this programme are writing news, features and vox pops. The evolution of print media and the designing of news are covered in detail.

Highlights of Media and Entertainment Sector

Programmes	
Short Term	18
Diploma	11
B. Voc.	2
P. G. Diploma	1
Total	32
Active Students	
Short Term	-
Diploma	64
B. Voc.	1063
P. G. Diploma	11
Total	1138
Students Completed Programmes	
Short Term	94
Diploma	324
B. Voc.	1237
P. G. Diploma	181
Total	1836
Service Providers with active batches	3
Knowledge Partners for Skill Training	174

RENEWABLE ENERGY (POWER)








Power is the most critical requirement towards the development and social parity of any country. With a population of over 1. 3 billion and India expected to become $5 trillion economy in the next five years, energy demand in the country is set to grow at rapid pace. With the increasing focus on Sustainable Development and resulting Sustainable Development Goal it is pertinent to harness the Renewable Sources of the Energy to its fullest. The existing sources of power generation are also gradually being converted into more sustainable alternatives viz. Solar, Wind, Biomass etc.

Renewable Energy is generated through various natural resources such as biomass, sun, wind, tides waves and water (hydroelectric power). India has a vast supply of renewable energy resources and it has one of the largest programmes in the world for deploying renewable energy products and systems. India has set a target of increasing renewables capacity to 500 gigawatt (GW) by 2030.

The awareness for clean energy in domestic and industrial setups with government incentives points to a bright future for trained professionals.

Because of all these developments, the demand of human resources in the sector is increasing day by day. Considering this, two programmes are being offered at TISS SVE.

B. Voc. in Renewable Energy Technology - This programme deals with various sources of renewable energy and the technical aspects associated with them. Students are trained in instalation and servicing of the renewable energy plants.

Post Graduate Diploma in E-Vehicle Technology - India is witnessing major paradigm shift from fossil fuel powered vehicle to electric mobility. The demand for qualified and skilled engineers would be huge who can drive this shift towards E-vehicle. The programme aims at providing add-on to existing conventional engineering programme thereby helping the technical personnel to remain relevant, command higher remuneration for their work and bridge the gap between conventional engineering knowledge and industry demand in E-mobility.

Highlights of the Power Sector

Programmes	
Short Term	2
Diploma	-
B. Voc.	1
P. G. Diploma	1
Total	4
Active Students	
Short Term	-
Diploma	-
B. Voc.	73
P. G. Diploma	-
Total	73
Students Completed Programmes	
Short Term	-
Diploma	-
B. Voc.	51
P. G. Diploma	11
Total	62
Service Providers with active batches	2
Knowledge Partners for Skill Training	67

Key Knowledge Partners for Skill Training

Tata Power: Tata Power has the renewable energy plants and Operations and Maintenance (O&M) sites at various locations in the country. They are training TISS SVE B. Voc. students as part of their CSR activity. These students are from the same or nearby localities. Stipend is being given to the students so that they can take care

of their fees and other expenses. As of now, students are placed at Dholera and Raghanesda (Gujarat), Chhayan and Jetsar (Rajasthan), Kasargod (Kerala) and Netmagic, Solapur (Maharashtra). Currently, 21 students are being trained by Tata Power.

APRAAVA Energy Pvt. Ltd, a company in renewable energy sector is supporting underprivileged students of power and healthcare sector to pay their fees.

TOURISM AND HOSPITALITY








From snow-capped mountains to sandy beaches and from lush-green tea gardens to deserts, India is endowed with natural beauty. The rich cultural heritage, diversity, forts, monuments and temples simply make it one of the most attractive tourist destinations in the world. The country's travel, tourism & hospitality sector is an important pillar of the economy providing employment to millions of people and earning substantial amount of forex.

The official data shows that contribution of travel & tourism to India`s GDP was 5. 19 percent of the total economy in 2019. It accounted for 79. 86 million jobs (direct and indirect employment) during this period.

The travel and tourism industry, along with the related sectors contributing to it, is expected to grow in leaps and bounds in the coming years. A job in this industry can be highly exciting and adventurous and even high-paying. Though it was slow to take off, the government's initiatives in this sector are uncovering a bright future for those who want to make a career in this field. The hospitality industry is one of the key drivers of growth in the service sector in India. The growth potential of the sector remains high given the uptrend in domestic as well as foreign tourist visits, growing middle class and their propensity to spend more.

Tourism & Hospitality sector includes four Bachelor's programmes (B. Voc in Travel & Tourism, B. Voc in Hotel Management, B. Voc in Hospitality Management and B. Voc in Cultural Heritage). These work-integrated degree programmes are conducted in collaboration with various Knowledge Partners for Skill Training – The Fern Hotels, Club Mahindra, Courtyard by Marriott, Four Points by Sheraton, Holiday Inn, Hotel Maurya, Hotel Sayaji, Ibis, Lemon Tree, Mayfair Hotels & Resorts, Novotel Resorts & Spa, Radisson Blu, Tivoli Garden Resorts, World Air Tours Travel, Skyways Holidays and many more across various states like Kerala, Maharashtra, Goa, West Bengal, Delhi, Haryana, Bihar etc. TISS SVE joined hands with Taj Group of Hotels to offer a jointly designed B. Voc in Hotel Management - Golden Threshold programme across four Indian cities – Mumbai, Goa, Bangalore and Kolkata. These programmes became highly popular among the students, thanks to the wide exposure across various departments – front office, house-keeping, kitchen, food & beverage production, service etc and successful placements towards the end of the programme.

Taj Group of Hotels has given placement to some of the students. Many students opted for higher education. The details are as below:

KPST Name	Total Student Count	Placed	Higher Education	Average Monthly Salary	Highest Salary
Taj Mumbai	51	28	23	8500	27300
Taj Kolkata	26	6	20	12000	18000
Taj Delhi	56	30	26	12000	18000
Taj Goa	18	11	7	15000	17000
Taj Bangalore	36	24	12	12000	18000

Three students are working in Dubai at Taj Jumeirah Lakes Towers.

Highlights of the Tourism and Hospitality Sector

Programmes	
Short Term	27
Diploma	-
B. Voc.	4
P. G. Diploma	-
Total	**31**
Active Students	
Short Term	-
Diploma	-
B. Voc.	542
P. G. Diploma	-
Total	**542**
Students Completed Programmes	
Short Term	554
Diploma	-
B. Voc.	767
P. G. Diploma	
Total	**1321**
Service Providers with active batches	4
Knowledge Partners for Skill Training	178

Key Knowledge Partners for Skill Training

Taj Group of Hotels; The Fern Hotels; Club Mahindra; Courtyard by Marriott; Four Points by Sheraton; Holiday Inn; Hotel Maurya; Hotel Sayaji; Ibis; Lemon Tree; Mayfair Hotels & Resorts; Novotel Resorts & Spa; Radisson Blu; Tivoli Garden Resorts; World Air Tours Travel; Skyways Holidays.

EMERGING SECTORS

RETAIL MANAGEMENT

Retailing is a vital part of the business industry that involves selling products and services to consumers. With the tremendous growth of the economy, retail management has emerged as one of the preferred career choices among youths in India. With the entry of several new players in the retailing space, the job prospects in the sector has brightened up. Rising household income and changing consumer behaviour have spurred growth in the retail sector. This has given rise to the demand for trained professionals across various levels. In coming years, the sector is expected to generate millions of jobs. In order to equip the youngsters looking for a career in retail management with right set of skills, TISS SVE is offering programmes like B. Voc. in Retail Management(General) and B. Voc. in Retail Management with specialization in Agriculture, Automotive and E-commerce.

SPORTS, PHYSICAL EDUCATION, AND LEISURE SKILLS

The sector of Sports Management incorporates the requirements of various sports, in an innovative and flexible manner while developing a holistic and well-equipped graduate. The syllabus is designed in such a way that it provides the skill development required to be a professional sports manager. Two B. Voc. programmes are currently being offered in the sector - B. Voc. in Adventure Sports and B. Voc. in Sports Management

LOGISTICS

Logistics is the backbone of the economy. It affects all industries in three sectors – agriculture, manufacturing and services. It includes all activities of supply chain management, customer service, inventory management, purchasing, packaging and so on. The sector has a huge potential to grow. The bachelor programme offered under this sector is B. Voc. in Printing and Packaging. This programme is designed in such a way that it covers current requirements of the industry.

TELECOM

India's telecom network is the second largest in the world. The significance of the sector has multiplied over the years. It is now playing pivotal role in transforming the economy and society. The nationwide roll-out of 5G network is expected to bring the next level of change. Projected to grow at a compound annual growth rate (CAGR) of 9. 4 per cent from 2020 to 2025, the telecom sector is set to see higher demand for skilled talent. In the wake of telecom companies launching 5G services, the demand for telecom engineers and other technical

resources has already shot up. The programme offered in the sector is B. Voc. in Telecom Products and Services Management.

EDUCATION

It is the key component of social sector and crucial for economic growth and social progress. The purpose of including education sector is to create programmes in developing soft skills required in social sector. The programme launched under this sector is B. Voc. in Social Research. Four students have been enrolled in the programme. The programme aims to impart basic principles of research process and underlying philosophy of social research to the students.

PART III
THEMES OF STUDENTS' TALES

THEMES OF STUDENTS' TALES

TISS SVE students have achieved excellence in various sectors. They have penned their journey. In this section,their narratives have been divided into various themes.

- Skills for Sustainable India
- Empowerment through Service Sector
- Women Empowerment
- Skills for Digital India
- Empowerment through Technical Skills
- Care & Support
- Giving Back to Society
- Entrepreneurship

THEME 1:
SKILL FOR SUSTAIBALE INDIA



Anju Babu

Programme Completed
B. Voc. in Agriculture

Year of Passing
2020

Placement
Farm Advisor at Orgaayur, Trivandrum

"I am Anju from Trivandrum. While doing my B. Voc. (year 2017-2020), I could learn different skills in the classroom as well as during on the job training provided by Mitraniketan Krishi Vigyan Kendra. Then, I enrolled for M. S. W. of Indira Gandhi National Open University (IGNOU). In November 2021, I got a job in a private company called 'Orgaayur' which focuses on urban agriculture. They mainly promote technologies of irrigation along with other farming techniques. I had learnt about different small irrigation systems at Krishi Vigyan Kendra (KVK) during B. Voc. and this helped me get selected in Orgaayur. Here, I work as Farm Advisor. I guide farmers on hydroponics, drip irrigation, and wick irrigation. Here, I have set up a small urban farm based on the needs of the urban farmers a nd try to promote organic Agriculture. I am very happy with the job which is closely linked with what I had learnt for 3 years in B. Voc".



Bessy Basil

Programme Completed
B. Voc. in Agriculture

Year of Passing
2020

Placement
Field Supervisor at Pradhan Mantri Fasal Bima Yojana, Trivandrum

"I am Bessy from Trivandrum. I completed my graduation, B. Voc. Agriculture, from TISS in 2020. I liked the practical aspects of farming while studying here. I got placement opportunity in a private bank called ISAF, a Small Finance Bank, immediately after completing B. Voc. However, I preferred to join Master of Social Work (MSW) in Indira Gandhi National Open University (IGNOU) at its Trivandrum centre.

In April 2021, I got opportunity to work in an agriculture insurance company as Field Supervisor. Here I am working on the Govt. of India Agriculture Insurance Scheme called Pradhan Mantri Fasal Bima Yojana (PMFBY). This is a crop insurance scheme that integrates multiple stakeholders on a single platform. I am working as a Field Supervisor in Chirayinkeezhu and Varkala taluks of Thiruvananthapuram in Kerala. My responsibility is to create awareness among the farmers about the agriculture insurance scheme and link them with government agriculture department and local banks. I am also responsible to assess the crop loss of the farmers due to natural calamities along with agriculture officers and district managers.

The learning from B. Voc. made me capable to do this job. This is a very unique opportunity. I am happy with my achievement. I can proudly share that I earn a monthly salary of Rs. 21,000 along with other benefits. I have continued my education through distance mode while doing this job. "



Sajid S.

Programme Completed
B. Voc in Agriculture

Year of Passing
2020

Placement
Community Resource Person at Department of Agriculture, Government of Kerala, Trivandrum

"I am Sajid. I developed a keen interest in learning the different skills of farming while doing my graduation. I did internships at Agriculture Extension Offices of the Government of Kerala. From July 2021 onwards, I have been working in a government project, Bharatiya Prakritik Krishi Padhati (BPKP), under the state agriculture department. Here, I am working as a Community Resource Person under the Assistant Director of Agriculture, Dept. of Agriculture. BPKP aims to promote traditional indigenous agricultural practices. My main responsibility is to impart training to the selected farmers and support farm planning post training.

My education in B. Voc Agriculture has made me capable to become a Community Resource Person in my own Panchayat. I could clear the interview due to the knowledge I received during B. Voc. Based on the motivation from my education, I have developed an Integrated Farming System (IFS) in my own homestead by integrating fish, poultry, goat, bee along with regular farming. I am very happy that I could bring agriculture development to my own community. Currently I have leased one acre of land from a neighboring farmer and I am experimenting on paddy cultivation. I wish to bring youth in agriculture sector.

Currently, I am pursuing M. S. W. from IGNOU through distance mode. I have selected my dissertation topic as 'Agriculture Based Community Development'. This is how, I wish to develop more understanding in my areas of interest".



Shakeel Ahmed Khan

Programme Pursuing
B. Voc. (Final Year) in Renewable Energy Technology

" I am Shakeel Ahmed Khan, aged 43 years, a student of TISS SVE from Raipur. I have faced life's ups and downs. My education discontinued just after my SSC, even though I scored 74 percent due to my father's sudden death. My father was the only earning member in my family. I didn't run away from my responsibilities, I worked hard in my father's business and helped my sisters to complete their education. But I didn't want to remain stuck here and aspired for bigger things. I believed in myself. I determined to find a way to build a career in technical sector.

My mother advised me that the best way to develop oneself is to have a proper education. Her attitude " you can do it, if you think you can" motivated me. With help of my wife and sisters, I resumed my education journey. After a gap of many years I first completed ITI course to become an Electrician. Then I completed a certificate course from IIT, Roorkie in Solar Photovotaics Fundamentals and Technology. Now I am in the final year of Bachelor of Vocational Education in Renewable Energy Technology at TISS SVE. I am now learning and earning.

I am thankful to all my faculty members because they always guided and supported me. They helped me in grooming well.

My future ambition is to do post graduation in the field of technololgy. My Role model is Dr APJ Abdul Kalam. I follow his golden advice for students to succeed in life:-

I will have a great aim

I will continuously acquire knowledge

I will do hard work

I will have perseverance and I will succeed



Ansh Srivastava

Programme Pursuing
B. Voc. in Renewable Energy Technology (Final Year)

Placement
Intern, Kosol Energy Pvt Ltd. , Lucknow

"I am Ansh and I am pursuing my degree in Renewable Energy. In the first two years of the programme, I faced many challenges in completing my on the job training. I could not get stipend. It was difficult for me to complete my education. But my university (TISS SVE) arranged CLP Scholarship for me and so I could continue my education. Now, I have got opportunity to work in Kosol Energy Pvt Ltd as intern. Because of my good performance, I am getting the stipend of Rs. 10,000 and other benefits. Now I am financially independent and I am looking forward to my career in renewable energy sector".



Jitendra Kumar

Programme Pursuing
B. Voc. in Renewable Energy Technology (Final Year)

Placement
Intern, Servotech Power Pvt. Ltd. , Lucknow

"I am Jitendra Kumar, student of B. Voc. in RET, third year. I am currently working with Servotech Power Pvt. Ltd. Before joining this programme, I had completed ITI and I was working in Fujiyama Power Systems Pvt Ltd, Lucknow in the department of Sales and Service. I got selected for this company in March 2020, but just after that, Covid 19 pandemic hit the country and lockdown was imposed. I could not continue my work in the company. Meanwhile, I joined this course because of its "earn while you learn feature. " I was facing acute financial problems. I planned to quit the course and start searching for a job. But then, TISS and the service provider Shri Balaji Projects helped me to get scholarship from CLP India Pvt. Ltd. It was a great help for me and for my future. Now, I am working and taking care of my responsibilities. Thanks to Tata Institute!



Mohit Kumar Mishra

Programme Pursuing
B. Voc. in Renewable Energy Technology (Final Year)

Placement
Intern, Nexa Power Solution, Lucknow

"I am Mohit Kumar Mishra, and I hail from a village near Lucknow. I used to explore things in electrical wiring, electronic items like iron, mixer grinder, fridge etc. I had a deep interest in electrical wiring and occasionally repaired electronic items like iron, mixer grinder, fridge etc at home itself. When I came to know about TISS SVE's Renewable energy programme, I enrolled into it and got an opportunity to complete 30 plus solar roof top sites and install solar panels up to 20-25kw in various cities of Uttar Pradesh during my internship. I am very much interested in this field and want to develop my career in power sector. Thanks TISS for coming up with this programme.

THEME 2:
EMPOWERMENT THROUGH SERVICE SECTOR



Pradyumna V. Telkhade

Programme Completed
B. Voc in Banking, Financial Services and Insurance (BFSI)

Year of Passing
June 2020

Further Studies
IIM, Kozhikode

"While penning down my journey, my mind goes back, when my father read out a news from a newspaper! His voice filled with emotions-"son has made his father, a farmer, proud by standing first in the school!". This news was about me, a child from a village in Nagpur who came to the city for education. I had taken admission in class 5. I belonged to a family with a very modest income. Farming was the only source of income for us. It was precisely this state of deprivation that made me more responsible and strive to be worthy of my father's sacrifices. After the results of class 12, which had made my family proud, there was no looking back. I took admission in an unconventional course, B. Voc. in BFSI. The best part of this course was the work-integration which enabled us to gain exposure and experience in the banking, mutual fund industry and securities markets. Later, I developed interest in research in the related areas, which motivated me to acquire CFA foundation certificates and NSE certificates. My interest and experience helped me in publishing research papers at conferences. One such presentation enabled me to get an award of best paper presentation on a report titled,'The impact of psychological biases on investment decisions'.

Later on I tried to get admission at IIM. When I applied for the first time, I was not selected. My scores were very much below my expectations. This was quite disheartening. But my faculties and peers supported me. They asked me to give my best shot again. I was determined to crack the entrance (CAT) this time. There was significant improvement in my performance. I had interview calls from all IIM except A, B, and C. Here my B. Voc. helped me a lot; I was able to showcase my earned skills through a job integrated programme in a more justifiable manner to the interview panels than those with other degree programmes. In some of the interviews, this became the topic of discussion and thus helped me sail through in a much more confident way. Finally, the results came and I got calls for admission at IIM, Kozhikode and IIM, Indore. I opted for IIM, Kozhikode. I must acknowledge that my director Ma'am has helped me as my mentor. Now when I think about my journey, I feel that my UG (B. Voc.) background placed me at a different pedestal to understand and analyze things differently. This practical internship built a strong foundation for my real-life understanding. Those seemingly harsh words from my internship mentor, are now like life lessons. I am keen to build my career in asset management and advisory at this juncture.

I see myself as a research analyst in the medium term and a portfolio manager in the long run".



Vrushabh Ajay Nashikkar

Programme Completed
B. Voc in Banking, Financial Services and Insurance (BFSI)

Year of Passing
June 2020

Placement
Assistant Manager at Kotak Securities, Nagpur

"My life at TISS made me stronger and I could take a step forward for becoming an independent man. Later I completed Post Graduate Programme in Banking & Finance and completed my internship from Bombay Stock Exchange Institute. I got placed at Kotak Securities, Head Office, Mumbai as an Assistant Manager in the back office operations.

One thing TISS teaches the students is 'Think Different'. It has given me an opportunity to know myself. Therefore, now, I am planning to acquire competancies in the niche areas of the sector and achieve grand success in my career".



Bhanu Pratap

Programme Completed
B. Voc. in Hotel Management

Year of Passing
2020

Placement
Guest Service Associate, Taj Lands End, Mumbai

"I have completed B. Voc in Hotel Management, The Golden Threshold Programme(GTP) offered by TISS SVE and the Taj Group of Hotels. This is really an exceptional programme. I have learnt one important skill in this job i. e. do the smart work. Get a job done with minimum resources and be time efficient. This programme helped me to grow as a professional in the hospitality sector. I have always provided a satisfactory service to my guests and have gained their trust. I did my on the job training (OJT) at Taj Lands End, Mumbai. The journey here in the last three years has been fantastic. It taught me not only technical skills but also life skills to be a better human. Every department of mine was a new experience, new roles to perform. I feel that this course is far better than the regular hotel management courses because it gives a hands-on experience in the industry. It put us on the shop floor directly to interact with the guests. I have grown here as a professional and now working at Taj Lands End, Mumbai".



Aarti Takalkar

Programme Completed
B. Voc in Hotel Management (Golden Threshold Programme)

Year of Passing
2018

Placement
Taj President, Mumbai

"I am glad that I got an opportunity to complete my 3-year journey for degree programme with TISS SVE and Indian Hotel Company Limited (IHCL) groups of hotels. This journey taught me many things which include not only techniques but also changed me as a person who was under- confident, shy and not ready for new things. I'm fortunate to have got great mentors who always stood by us, who not just taught us but made us learn many aspects of life. The people, culture, values have moulded me so well that now I can stand in front of any obstacle and deal with it alone. I feel blessed that I am a part of the Tata group. I got this placement immediately after completion of my degree".

Following students completed B. Voc. in Hotel Management (Golden Threshold Programme) in association with Taj Group of Hotels and now working in the same group.



Ankush Sadhotra

Programme Completed
B. Voc. in Hotel Management

Year of Passing
2021

Placement
Guest Services Associate, Hyatt Andaz, New Delhi

" My name is Ankush Sadhotra. I pursued my B. Voc. in Hotel Management. I was placed at The Lalit as an intern. It was indeed a great learning experience! As I progressed to the next semesters, my confidence increased and I realized a transformation in myself. I was a shy person, but now I am a confident professional. This all happened because of this wonderful programme and the opportunity I received. On completion of my graduation, I got selected at Seven Seas, a five-star hotel, in the Supervisor Development Programme! I am still working in the programme and hoping that it will take my career to a new height and will give me unparalleled growth in the hospitality industry. I sincerely thank TISS SVE for the wonderful programme".



Satya Singh

Programme Completed
B. Voc. in Hotel Management

Year of Passing
2021

Placement
Associate - Front Office, Ibis Hotel, Gurgaon

"My name is Satya Singh. I pursued B. Voc in Hotel Management. I enrolled in the programme in 2018. It helped me to develop my outlook immensely. This is indeed a wonderful programme that gives an opportunity not only to learn the theoretical content but gives enormous exposure to the practical aspects of the hospitality industry. I could develop myself as a complete professional in the sector of hotel management due to this programme. I could learn many new skills. Now, I am working with Ibis Hotel, Gurgaon which is one of the best hotel brands.

I sincerely thank TISS SVE for the wonderful programme!"



Thomas Jain

Programme Completed
B. Voc in Travel and Tourism

Year of Passing
2021

Placement
Customer Service Agent, Air Asia at the Dabolim International Airport, Goa

"Travelling has always been my passion and when the time came for choosing a career, I could not opt for anything else but Travel and Tourism. After analysing various programmes in this field, I decided to join B. Voc. in Travel and Tourism offered by Tata Institute of Social Sciences. The learning, growth, career guidance and hike in stipend I received during the course in each year was remarkable. The most important factor was that although the degree was in travel and tourism, it also covered other subjects like HR, Accounting, Economics, Health & Fitness and Communication. After completing the degree in June 2021, I worked with a travel agency for a few months and then I got an opportunity to work at Bangalore International Airport. That was a turning point in my career. This could happen because of the confidence I received during my degree programme. Currently, I am working with Air Asia as a Customer Service Agent at the Dabolim International Airport (Goa). I could become a travel professional because of this programme. Thanks TISS, all my KPSTs and Patriot Aviation College, Thrissur, the service provider of this programme".



Abhinav P Balachandran

Programme Completed
B. Voc in Travel and Tourism

Year of Passing
2021

Placement
Customer Service Agent at Air Asia, Dabolim International Airport, Goa

"I am Abhinav P Balachandran currently employed with Air Asia as a Customer Service Agent. I have completed B. Voc. in Travel and Tourism at Thrissur. I always wanted to be in travel industry. While doing this programme, I got an opportunity to experience practical training in various travel agencies in each semester and one such agency was DTPC (District Tourism Promotion Council) where I got to learn a lot. All these three years made me a person I never thought of – a person full of confidence. As a result I got a job with Air Asia. This was a dream which came true. I am thankful to Tata Institute of Social Sciences and Patriot Aviation College Thrissur, Service provider of TISS SVE!"



Sandra P. R.

Programme Completed
B. Voc. in Travel and Tourism

Year of Passing
2021

Placement
Staff/Trainee, District Tourism Promotion Council (DTPC), Thrissur

"My name is Sandra. I did my degree in Travel and Tourism which was a vocational degree.

The most important advantage that I received by doing this degree was the on the job training that I received in all my semesters including working with the DTPC.

I could easily finish my degree and gained pretty good marks in each of the six semesters. Currently I am employed as a Staff/Trainee at DTPC which is a Kerala government initiative. I am very happy to have got this job and all thanks to my B. Voc. degree programme".



Fathimathul Shifana

Programme Completed
B. Voc in Travel and Tourism

Year of Passing
2021

Placement
Customer Service Agent at Cochin International Airport, SpiceJet, Cochin

"I am Shifana from Thrissur and I am a graduate in Travel and Tourism.

Actually, I never thought of working in the field of Travel & Tourism until I completed my higher secondary education. Then my uncle suggested me to consider B. Voc. in Travel. I joined the course. I loved college life with internships in every semester and the familiarization trips that we had in each year.

Now, I am working with Spice Jet Airlines as a Customer Service Agent. I feel so happy sharing my achievement".

THEME 3:
WOMEN EMPOWERMENT



Radhika Ratnakar Kadam

Programme Completed
B. Voc. in Early Child Development

Year of Passing
May 2020

Placement
Primary Teacher at Muktangan Education Trust, Mumbai

"I was working as an Anganwadi Sevika for 12 years before I joined the Early Childhood Development (ECD) course at Muktangan. I separated from my husband and shifted to my mother's house. Before this, I tried multiple options as I was desperate to earn and become financially independent. During this phase of life my self-esteem was quite low. So much that I had suicidal feelings. I suffered tremendous financial hardship. There seemed no clear plans or goals. One day my cousin sister told me about TISS SVE and possibility of becoming a play school teacher. I had experience of ECD but when I joined TISS SVE I understood the advantage of the course. I realised TISS SVE uses best practices for child's holistic development. I became better in English speaking and there was a lot of improvement in my communication skills. I was lucky to get a job at Muktangan as a Junior K. G. teacher. After that I was promoted to Senior K. G.

The flexibility at TISS SVE was very convenient for me. I got a job after completion of first year. I completed my second and third year while working as a teacher at Muktangan. Now, I have completed B. Voc. and I am teaching children of class 3 and 4. Here, as a teacher I get respect from students and parents. It has helped me a lot to come out of my situation and gain self respect. Now, I am staying alone, independently!"



Pooja Dubey

Programme Completed
B. Voc. in Dialysis Technology

Year of passing
June 2019

Placement
Executive - Patient Care, Apex Kidney Care, Mumbai

"I am Pooja Dubey. My father has been suffering from end-stage renal disease and regularly undergo dialysis. My father could not find a proper job due to kidney disease. I did not have any job prospects as I could not complete my education. My mother is not educated and she had to stay home to take care of us.

Once, my father was undergoing the dialysis process. I came to know about B. Voc. in Dialysis Technology from one of the senior technologist. I was not able to apply for the course due to financial issues. However, Apex Kidney Care arranged scholarship for me. This helped me to complete the course.

Now, I am working in the field of Dialysis. This has helped me to support my family and contribute towards my father's treatment. I am also trying to take full responsibility of my family's financial needs. I understand the plight of the patients and feel compassion for them. My colleagues appreciate me for my dedication. "



Renuka Chinnu

Programme Completed
B. Voc. in Software Development

Year of passing
June 2021

Placement
Poorva Steel Company, Kolar, Karnataka

"I am Renuka. I live in a village called Nidaramangala in Kolar district of Karnataka. I stay with my parents, three younger siblings and my grandmother. My parents are not literate. They are daily wage earners. My siblings are still studying. My father is a wood cutter and my mother works as a vegetable harvester. Though the life is hard, my parents were determined that their children should study. Being eldest among siblings, a lot of pressure was on me to complete my education and support my siblings in completing their education. I completed my undergraduate degree from Malur Government College and was planning to write the bank exams. That time I came to know about B. Voc. in Software Development. I thought this course may help me in getting the experience of typing, learn English and computer skills. All of this would help me to get a good job in a bank or other companies.

However, the course was not easy. The toughest part was the daily commuting. Considering the challenges in travelling, family members started pressurizing me to leave the course. They got me married when I was doing the course. Then I had to take a break from the course. My teachers were unable to contact me. However, following a home visit by them, and lengthy discussion with the family, I was allowed to resume the classes. Meanwhile, my husband passed away due to COVID-19. I was very depressed and worried. However, with active support of the staff and teachers at Headstreams (service provider of TISS SVE) I managed to complete my B. Voc.

Now, because of the course, I can speak reasonably good English. Here I learnt how to talk to people, how to love my self. I could learn the technical skills and my typing speed has remarkably improved. My teacher Asharani says that I have changed a lot in the three years of B. Voc. Once I was shy and timid, wouldn't speak up even if I knew the answer and cried easily, but today I am a strong and confident woman.

I am doing a job with Poorva, a steel company. I am supporting my parents in paying the loans they had taken for my marriage. I am also supporting in the education of my siblings".



Dakshayini

Programme Completed
B. Voc in Software Development

Year of passing
June 2021

Placement
IT Tech Support Executive, Tata Consultancy Services, Kolar, Karnataka

"I am Dakshayini from Madivala village in Kolar district of Karnataka state. Since my childhood, I had a passion for education. I used to get up at six in the morning and go to the nearby villages to sell flowers. This is how I earned money to pay my fees. There was a period when I got separated from my family members! I even had to go without food for days. Later on I got married, which widened the rift between me and my parents, because it was an inter caste marriage. Later on, I got to know about B. Voc. in Software Development. Pursuing B. Voc. was not easy for me. There were challenges like daily commuting and other responsibilities. In addition to this, I was pregnant and I had to take several breaks when my child was growing up. But, I was still determined to complete my studies so that I can give a bright future to my child. Now, when I look back, I remember that I started speaking in English without fear and I could learn different programming languages like C, C++ and Java while doing B. Voc. Now, I work with Tata Consultancy Services (TCS) and earn a good salary".



Rajeshwari Prajapati

Programme Completed
B. Voc. in Sales and Marketing

Year of passing
June 2021

Placement
Sales Executive at Axis Bank, Ahmedabad

" I am Rajeshwari! I was a shy person and had fear of public speaking. I joined TISS SVE B. Voc. in 2018. This course transformed my life completely. Thanks to this course that I am now working in Axis Bank as a Sales Executive! My job involves interaction with customers, hence my fear of public speaking has disappeared and my communication skills have improved too. Now, I am a confident and independent person. This job helped me a lot during Covid-19 pandemic. I was able to support my family during the tough time. Thank you TISS SVE for enhancing my skills and knowledge".

THEME 4:
SKILLS FOR DIGITAL INDIA



Mahesh Maddheshiya

Programme Completed
B. Voc. in Electronics Manufacturing Service

Year of Passing
June 2019

Placement
Quality Engineer at OPPO Mobiles India Private Limited, Ambedkar Nagar, Uttar Pradesh

"I am Mahesh! I belong to Ambedkar Nagar, Uttar Pradesh. My father is a farmer and we are 5 members in the family. We hardly get adequate income to fulfil the needs of the family. It was not possible for me to continue my education after 12th because it was not affordable to us. Earning was more important for me. So, I joined a short term course (3 months) at PMKVY near my hometown to learn some livelihood skills. There I got to know about 3 years degree programme B. Voc. in Electronics Manufacturing Services offered by Tata Institute of Social Sciences. I joined the programme. I could earn monthly stipend. My fees was paid by the company. This was a very good opportunity for me - learn and earn. My dream came true. I got a lot of work experience. On completion of my degree, I got selected at OPPO India Pvt. Ltd. , as In-Process Quality Control Engineer. I am earning Rs. 27,000 per month now. This is a major achievement in my life".



Lavkush Kumar

Programme Completed
B. Voc. in Electronics Manufacturing Services

Year of Passing
December 2019

Placement
SMT (Surface-mount technology) Engineer at Vivo India Pvt. Ltd. , Noida, Uttar Pradesh

" I am Lavkush! I belong to Basti, Uttar Pradesh. My family's financial condition is very bad. My father works as a farmer and he is the only breadwinner of the family. I completed class 12th and then I decided to join B. Voc in Electronics Manufacturing Services. One of my friends was already enrolled in the programme in the previous batch. So, I was aware of the benefits of this programme offered by Tata Institute of Social Sciences, Mumbai and the amazing potential of on the job training (OJT) at LAVA International. By joining this programme it was possible for me to earn stipend and support my family.

Very soon, I developed a keen interest in the technical aspects of this programme. I regularly attended the daily 8 hours OJT at Lava International and two-hour classroom sessions. I worked hard. It was difficult to manage every thing but I hardly missed any class. I used to complete all the assignments on time. The course immensely helped me to gain confidence, technical knowledge and work experience in the manufacturing sector.

After completion of this course, I successfully received a job at Vivo India Pvt. Ltd. as SMT Engineer. Now, I earn Rs. 26,000 per month".



Raman

Programme Completed
B. Voc. in Electronics Manufacturing Services

Year of Passing
June 2019

Placement
Quality Engineer at DBG Technology (India) Private Limited, Noida, Uttar Pradesh

"Hello, My name is Raman! I belong to a middle class family from Kangra, Himachal Pradesh. My father is a shopkeeper and he is the only earning member in the family of six members. I completed my class 12th and I was planning to complete my further studies. That time, I got to know about this 3 years degree programme of Tata Institute of Social Sciences and the exciting opportunity of on the job training at LAVA International. I was sure that this was the right programme for me. I was always interested in repair of electronics devices. At the same time it was possible for me to earn stipend to support my family.

While pursuing the programme, I got opportunity to work in various departments of Lava International and I could learn various aspects of mobile manufacturing process. I was working as Assistant Line Leader after my first year of training and Line Leader after second year. I gained knowledge about the line balancing, handling human resources, training of newly recruited staff, maintain workplace environment etc. from my trainers/seniors. I successfully completed my graduation in June 2019.

After this, I got my first job in S Mobile Devices Ltd. at a starting salary of Rs. 17,000 per month. Later, I moved to Vivo India Pvt. Ltd. at a salary of Rs. 19,000 per month. Currently, I am working as a Quality Engineer at DBG Technology (India) Private Limited at a salary of Rs. 26,000 per month. I could achieve this success because of my B. Voc. I thank you TISS, Lava International and Fun First team!"



Vishal Bisht

Programme Completed
B. Voc. in Electronics Manufacturing Services

Year of Passing
December 2018

Placement
Senior Quality Engineer at DBG Technology (India) Private Limited, Noida, Uttar Pradesh

"Hello, I am Vishal! I am from Kotdwar, Uttarakhand! I completed my class 12th in 2013 and I was doing part time small jobs. I wanted to pursue engineering but was unable to do so due to the financial constraints. My father works at a local private company. He was unable to support my education. In year 2015, I got to know about the programme B. Voc in Electronics Manufacturing Services from my friend. There was an opportunity to do on the job training at LAVA International plus the fees was paid by LAVA and they used to give stipend too! This was a dream for me! I joined this programme. Now, it was possible for me to complete my education and earn to support my family. On completion of the degree, I was selected by RSPL Ltd as Quality Executive. Then, I was selected at Vivo India Pvt. Ltd. as Assistant Engineer due to the placement support given by Funfirst Global Skillers Pvt. Ltd. Now, I am working at DBG Technology (India) Private Limited as Senior Quality Engineer at a monthly salary of Rs. 33,000 per month. I am immensely grateful to TISS, Funfirst and Lava International team for providing me such a good opportunity".



Ankit Singh

Programme Completed
B. Voc. in Electronics Manufacturing Service

Year of Passing
December 2019

Placement
Quality Auditor at Vivo India Pvt. Ltd. , Ambedkar Nagar, Uttar Pradesh

"I am Ankit! I live in Ambedkar Nagar, Uttar Pradesh! I could not continue with my higher education after 12th due to untimely death of my father. Then we were three persons in the family - myself, my mother and my elder brother. I was in search of a job to support my family. Meanwhile, through a friend, I got to know about the 3-year degree programme – B. Voc. in Electronics Manufacturing Services. In this course, the on the job training opportunity was at Salcomp Manufacturing India Pvt. Ltd. Here it was possible for me to continue my education and at the same time support my family with the monthly stipend. This was a great opportunity for me. I completed my graduation in June 2020. My teachers say that I was one of the brightest students of the batch! I used to take keen interest in all the subjects. On completion of my graduation, I was selected at Vivo India Pvt. Ltd. as a Process Quality Executive in my very first interview. This was a big achievement for me which I had never imagined a few years back! I am now working in the same company as a Quality Auditor with a salary of Rs. 26,000 per month. I am supporting my family. Thanks all for giving me the opportunity!"



Rishika Nehra

Programme Completed
B. Voc in Software Development

Year of Passing
June 2021

Placement
Media Analyst L1 at Publicis Sapient, Delhi

"I am Rishika! I feel that B. Voc. in Software Development is much better than other degree programmes. In the first year itself, I got internship opportunity in a company. This gave me an opportunity to enhance not just my skills but also grow as an individual. My work experience gave me an edge over other candidates who were searching for jobs in the market. I got through all the screening process of different multinational companies and finally decided to join Publicis Sapient as a Media Analyst L1 in Digital Marketing Google Search Department. I am quite happy with my decision of joining the B. Voc. Software Development programme. "



Udit J. Derashri

Programme Completed
B. Voc in Software Development

Year of Passing
June 2019

Placement
Android Developer, Balaji Techbiz, Rajkot

"I am Udit. I am happy with my decision to join B. Voc. in Software Development. Because of this, I could get work experience in Web & Application Testing. Currently I am working as an Android Developer in a reputed company and have understood the company environment from the ground level". I am confident that I will develop myt career in the same sector. "



Jeenendra Jadhav

Programme Completed
B. Voc. in Graphics and Multimedia

Year of Passing
June 2021

Placement
Saint Gobain India, Mumbai

"I am Jeenendra Jadhav. I would like to share my story with you. It all started with a woman who had the ambition to make her kids successful, on her own. She worked as a housekeeper to fulfil that dream. Yeah, that's my most loving mom. I never thought that I would complete a degree in Graphics and Multimedia. I loved designing but I had always kept it as a second option. I wanted to pursue science but could not get admission. My aunt advised me not to waste time and shared information about St. Paul's Institute of Communication Education (service provider of TISS SVE). The institute helped me in getting enrolled for the B. Voc. degree.

Now, the main struggle was to arrange the fees. My aunt arranged half of the fees from a non-profit organisation which helped students for studying further. My mother arranged the rest from her salary. I have seen my mom work so hard since I was in the 7th standard. It is really hard to be a single parent. So, I started interning at the institute itself in the first semester. From second semester onwards I worked at a design studio, Mockingbird Studio as intern. As I didn't have a laptop to practice my work and try new things, I used to practice in the computer lab of the institute. I improved my skills and did my internship in an organisation. I worked there for two years, even during the lockdown. I purchased my own laptop in 2020 which was my biggest success! It wasn't easy to do all of this! There had been times when I gave up. But again I came out of that phase. I knew, if I don't face the challenges now, I won't get what I deserve. Now, I am working at Saint-Gobain India as a Graphic Designer. I have a lot to learn in my life. . . !"



Piyush Barua

Programme Completed
B. Voc. in Graphics and Multimedia

Year of Passing
June 2021

Placement
Your Digital Story Technology Pvt. Limited, Mumbai

"My name is Piyush Barua. I graduated from Tata Institute of Social Sciences. I really enjoyed my 3 years journey. I learned a lot of things in this course. Now, I am placed in a digital marketing company as a graphic designer and I am doing great. My financial condition was not so good before my graduation. We had financial crisis. No one was with us to support us. My mother was totally devastated. There was no way for us to get out of this situation. I realized that I will have to earn money to overcome this situation. However, I completed my B. Voc. and I got a job. I am earning Rs. 15,000 per month and there is a lot of improvement in my financial as well as social status. While pursuing the degree, I learnt many things which play an important role in life. Thanks to Tata Institute of Social Science!"



Dhruvi Kansara

Programme Completed
B. Voc. in Software Development

Year of passing
June 2022

Ms. Dhruvi from Ahmedabad is pursuing her higher studies at the Institute of Technology and Advance Learning, Ontario, Canada.

THEME 5:
EMPOWERMENT THROUGH TECHNICAL SKILLS



Jishnu K. V.

Programme Completed
B. Voc. in Automobile Servicing Technology

Year of Passing
June 2021

Placement
Technician Trainee at Eicher Motors, Cochin

I, Jishnu K. V. would like to share the joy of getting placed in Eicher Motors just after completing my graduation. I had joined B. Voc. programme in the year 2018. On the job training done at various authorized service centres helped me to understand the working of shop-floor practices at automobile service centers. I would like to express my gratitude to the Institute for guiding me to acquire skills as an automobile service technician. I am so grateful to TISS for structuring such a job assured course that uplifts the future of Indian unemployed youth".

All the below students completed B. Voc. in Automotive Servicing Technology in June 2021. They belong to Cochin. They were trained at Popular Vehicles and Services. They got employment opportunity at the same organisation. Mr. Dani Vincent got placed at Eicher Moters as Technician Trainee. All the students got opportunities because of their excellent performance.

 **Dani Vincent**	 **Praveen P. U.**	 **Akshay Alex**	 **Thomson Jose V.**
 **Sreejith**	 **Lieon Lazar. V**	 **Brefin Poulose**	



Keyur Zala

Programme Completed
B. Voc in Production Technology

Year of Passing
June 2021

Currently Pursuing
MBA in Operations, Rajkot

"I was pursuing B. Voc. in Production Technology and have recently completed the degree. Being a younger child in the family and always protected, I never knew my capability until I joined the course. Initial months of on the job training had been very tough and many a time I thought, I just can't do it. My school friends who joined other courses used to enjoy all the time while I was into training and learning entire week, 10 hours of training and 24 kms of travel in a day.

Gradually, I understood the B. Voc. course structure and I started taking interest in it. My faculties and supervisors helped me in this process. Now I am looking after the entire department in my company and on the Independence Day (August 15 ,2021), my company gave me the award for working sincerely and diligently. This has been the most proud moment for my parents, family, teachers and my college.

The B. Voc model is very well designed and it has made me financially independent. It helped me to develop various life skills too. I feel B. Voc. is the only course that helps in overall development. Now I have joined MBA in Operations and looking forward to achieving more success in my career.

I am grateful to Tata Institute of Social Sciences, Perfext College of Training and Education, Rajkot and my Knowledge Partner for Skill Training, Ganga R. K. Industries, Rajkot for making me the person I am today".

Titan Watches, Coimbatore is a key Skills Knowledge Provider in the sector. GKD Institute for Technological Resources, service provider of Capital Goods, facilitated to select needy students from rural area and enrol them in B. Voc. in Industrial Tool Manufacturing programme. As a part of this programme, the students completed on the job training at Titan Watches. The students who performed well in the programme and cleared the written test were taken on the payroll of the company. Titan Watches team encouraged the students in the entire process.



Sujeesh S.

Year of Passing
2018

Placement
Associate Technical Officer at Titan Company Ltd, Coimbatore.

"Hello, I am Sujeesh S. And I am from Coimbatore. I have completed B. Voc in Industrial Tool Manufacturing. I was interested in pursuing my career in Manufacturing sector, so I chose this programme. My on the job training was conducted by Titan Watch Company. This training was beneficial to me. It helped me earn my own money in the form of stipend. Joining B. Voc. helped me to grow personally and professionally. I was placed in tool manufacturing section. So, I could easily connect the theory with practical. I learnt how to operate machines and set the components in conventional machines (milling, surface grinding, lathe) and press power machines.

After completing B. Voc. , I again joined Titan Watches Company as a trainee. During this period, I gained more technical knowledge related to my domain area. It helped me to appear in the interview more confidently. In January 2020, I was selected as 'Junior Production Associate trainee'. Now I am on payroll of Titan Watches as Associate Technical officer. I am proud of my achievement".



Radhamani R.

Year of Passing
2019

Placement
Junior Technical Officer at Titan Company Ltd, Coimbatore

"I am Radhamani R. I would like to express my sincere gratitude to Tata Institute of Social Sciences. I am from a village Kallapalayam which is located on the outskirts of Coimbatore in Tamil Nadu. Education level is significant in my village and thus it was crucial for me to complete my education. When I completed my schooling, I wanted to join engineering but was confused while selecting the college and the programme. That was the moment when I got to know about Tata Institute of Social Sciences. I completed B. Voc. in Industrial Tool Manufacturing. Here I got practical exposure and work experience. My OJT was conducted at Titan Watches. My institute gave me the support and confidence to grow both personally and professionally. The faculty members were kind, open and supportive. Finally, I got placed in Titan Watches which was an achievement for me. I got selected because I could develop my competencies while pursuing my degree. I am working for the company since last two years. Here I could learn a lot. I also got salary hike. My dreams have come true".

Following students are from rural and remote Kallipatti area in Tamil Nadu. This is a poor area where employment opportunities are rare. Now, the students have got employment at Titan Company Ltd, Coimbatore, after completing B. Voc. in Industrial Tool manufacturing.

 **Dharani**	 **Jeevitha**	 **Sripriya**
Year of Passing 2021 **Placement** Technician, Assembly Department	**Year of Passing** 2021 **Placement** Technician, Quality Central Department	**Year of Passing** 2021 **Placement** Technician, Quality Central Department

THEME 6:
CARE AND SUPPORT



Chetan Khake

Programme Completed
B. Voc. in Dialysis Technology

Year of Passing
June 2018

Placement
Dialysis Technician, Jagjivan Ram Railway Hospital, Mumbai Central, Mumbai

"I completed my H. Sc from Kokan Board. I joined Apex Kidney Care as a trainee technician and completed a 6-month dialysis technology course. I found an opportunity to continue my education. Soon, I was offered job as Dialysis Technician in Davita Kidney Care. I was very eager to upgrade my knowledge in dialysis. My teacher encouraged me to take further education. I got to know about B. Voc in Dialysis Technology and enrolled myself in course. During the course I got an opportunity to work in multi-specialty Gleanegels Global Hospital. After completion of my graduation, I qualified for Railway Recruitment Board examination and got selected in Railway Hospital. Now, I am working at Western Railway – Jagjivan Ram Railway Hospital, Mumbai Central. I feel proud of myself. I am well settled with my family".



Radhelal Patle

Programme Completed
B. Voc in Medical Laboratory Technology (MLT)

Year of Passing
2020

Placement
Sr. Laboratory Technician at National Health Mission Laboratory, Wardha

"I am 39-year old and I am the only breadwinner of my family of six. This includes my parents, my wife and two children. I worked as a Laboratory Technician in various laboratories for 10 years but my earning was Rs. 4,000 to 5000 per month. I used to do farming besides this. Meanwhile, I got to know about B. Voc. in MLT. I joined this course and then I got a placement in a laboratory which is a franchise of National Health Mission. I have now been promoted to Senior Laboratory Technician and I am earning Rs. 19,000 per month. I am confident now that I can earn more in the next 2-3 years. I am planning to start a laboratory.

I have also set up a small collection unit and set up a hematology machine as the first step towards fulfilling my dream of setting up my own laboratory. I am very grateful to TISS SVE for offering this opportunity of skill development and learning".



Muskaan Chauhan

Programme Completed
B. Voc. in Medical Laboratory Technology

Year of Passing
2021

Placement
Laboratory Technician,Workhardt Hospital, Gondia, Maharashtra

"I belong to a lower middle class family where my father is the breadwinner. I wish to support family income through this job and growth in my career. Though my salary is currently low, I am confident that it will rise within a few months. This is because I have a trust in myself which I have gained through three years of internship. I feel that vocational courses are always better than conventional degrees because the students not only get theoritical knowledge but are also given an opportunity to build their competence. The exposure at workplace adds on to their self belief and they are able to give better interviews and get better jobs. I am grateful to TISS SVE for arranging such courses even in remote locations and making them accessible for students who are miles away from metro cities".



Dilna Joseph

Programme Completed
B. Voc. in Medical Laboratory Technology

Year of passing
June 2022

Location
Kannur,Kerala

Ms. Dilna has got admission at University of Central Lancashire (UCLAN), U.K. for the Masters of Science in Applied Public Health. She has been trained at Skills Knowledge Partner Lourde Institute of Paramedical Sciences during her graduation programme.



Nazim Malik

Programme Completed
B. Voc. in Medical Imaging Technology

Year of passing
June 2022

Location
Srinagar,Kashmir

Mr. Nazim Malik is going to pursue his Master programme from Tzu Chi University of Science and Technology, Taiwan.



Subbulakshmi J.

Programme Completed
B. Voc. in Pharmaceutical Manufacturing

Year of Passing
2019

Placement
Inspection,Sai Permus Biotech Private Limited, Puducherry

"I am Subbulakshmi! I was always eager to study, but in spite of being an academic topper, I had to look out for odd jobs to manage my daily living and medical expenses. I enrolled in B. Voc. in Pharmaceutical Manufacturing. While pursing the course, I earned the stipend which helped me to meet my financial needs. This degree has helped me to earn self-respect, recognition and ability of decision making. Currently I am working as Production Operator - Inspection at Sai Permus Biotech Private Limited.

I wish to extend my sincere thanks to TISS SVE and the Knowledge Partner for Skill Training – Strides Pharma Science Limited (Shasun), Puducherry for sponsoring my programme fees, providing me the stipend! Thanks to Take Academy, service provider of TISS SVE, for all support!".



Ankita Thapa

Programme Completed
B. Voc. in Pharmaceutical Manufacturing

Year of Passing
2020

Placement
At Lupin Pharma Ltd, Sikkim

"My name is Ankita Thapa. I joined Lupin Ltd in Sikkim as a trainee in the year 2017 and enrolled in B. Voc. in Pharmaceutical Manufacturing in year 2018. Initially, I used to get a stipend of Rs. 9000 per month while pursuing on the job training (OJT). Then in the following two years my stipend was raised by Rs. 1000. We,all students in the batch, were quite unaware of how a company functions and how to work as a professional. We learnt a lot through this course. We were also trained in our communication skills, accounts and English speaking. This helped us to get the confidence. Now I have completed the course. The company has absorbed me on their payroll. I receive an annual package of Rs 3. 2 lakh i. e. , Rs. 27000 monthly salary.

I am very thankful for the great opportunity given by Tata Institute of Social Sciences and Lupin Pharma Ltd".



Palle Mohan Rao

Programme
B. Voc. in Manufacturing Technology (Pharmaceutical Chemistry)

Year of Passing
2017

Placement
Dr. Reddy's Laboratories,Vizag

"My name is Palle Mohan Rao. I have my father and a younger brother in my family. I lost my mother. My father is a farmer. He could not afford to pay the fees for my and my brother's education. Then I got the opportunity to pursue B. Voc. in Manufacturing Technology (Pharmaceutical Chemistry). My fees was sponsored by Dr. Reddy's Laboratories at Nalagonda. Besides this I started earning a monthly stipend of Rs. 12,000 which I could send to my family. This helped my younger brother to pursue his education too. My native place is Vizag and I was pursuing the programme at Nalagonda. After completion of the B. Voc. degree at Nalagonda, I was absorbed by Dr. Reddy's Laboratories and transferred to their plant at Vizag. I am working here since last five years (including programme duration of three years). I am happy with my family. I am earning Rs. 30000 per month. My younger brother too has completed his graduation".



Vinith V.

Programme Completed
B. Voc. in Pharmaceutical Manufacturing

Year of Passing
2020.

Placement
Strides Pharma Science Limited (Shasun), Pondicherry

"Hello, this is Vinith. I was not familiar with Pharma sector and its significance. It was introduced to me by the Take Academy, service provider of TISS SVE. I decided to pursue higher studies in Pharma. I started liking this. It is a career in which you save lives. Coming out from a small village, speaking in English was a big challenge. Fortunately, during the course, I was able to overcome my fears and was able to communicate in English which was one of my life goals. Shasun Pharma gave me the opportunity to improve and gain knowledge in the sector. They provided me with facilities and encouraged by hand-holding throughout the course. Now, I am working as a Machine Operator in a Pharma Manufacturing Industry and earning around 1,80,000 per annum. I got the job just in a month after completing my B. Voc. degree in Pharmaceutical Manufacturing".

IQRAA Hospital is one of the key Knowledge Partner for Skill Training at Kozhikode, Kerala. Empowerment of girls, orphans and other under priviledged students is their priority area. They facilitated to enrol students in the Healthcare programmes of TISS SVE. The students got various opportunities in India and abroad on completion of the programmes.

 **Majidha Farshana M. P.**	**Programme completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2017 **Placement:** Physician Assistant in Mediclinic Hospital, Dubai.
 **Afsina V. E.**	**Programme completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2017 **Placement:** Dialysis Technologist in European Emirates Hospital, UAE.
 **Muhammed Saheer E.**	**Programme completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2017 **Placement:** Dialysis Technologist in Hamad Medical Corporation Hospital, Qatar
 **Aflah Zaman MM**	**Programme completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2018. **Placement:** Branch Manager of IQRAA Community Clinic, Koduvally, Calicut.
 **Adila Beegum Mashaiknapura**	**Programme completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2019 **Placement:** Senior Dialysis Technologist at Kavaratti Island, Lakshadweep.

 **Shihab Cheerankulangara**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2017 **Placement:** Branch Manager of IQRAA Community Clinic, Kallai, Calicut
 **Haritha Suresh Babu K.**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2017 **Placement:** Dialysis Technologist-cum-Lecturer in IQRAA Academy of IQRAA Hospital
 **Jaseela K. K.**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2017 **Placement:** Dialysis Technologist-cum-Physician Assistant in IQRAA Hospital, Malaparamba, Calicut
 **Fathima NP**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2017 **Placement:** Dialysis Lecturer in Shanthi School of Vocational Education, Omassery, Calicut
 **Nourin V. Anas**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2019 **Placement:** Dialysis Therapist at Nephroplus Sagar Hospital Kumaraswamy Layout, Bangalore

 **Vishnu M.**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2019 **Placement:** Dialysis Therapist at Nephroplus Sagar Hospital Kumaraswamy Layout, Bangalore
 **Nafia T. K.**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2019 **Placement:** Dialysis Lecturer in National Institute of Paramedical Science, Koyas Hospital, Calicut
 **Dona Mariya Sabu**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2020 **Placement:** Dialysis Technologist in Apollo Adlux Hospital, Karukutty, Angamaly
 **Hibanas**	**Programme Completed:** B. Voc. in Medical Imaging Technology **Year of Passing:** 2020 **Placement:** Radiographer at IQRAA International Hospital and Research Centre, Kozhikode.
 **Shalu Farhan K**	**Programme Completed:** B. Voc. in Medical Laboratory Technology **Year of Passing:** 2021 **Placement:** Lab Technologist-cum-PRO at IQRAA Community Clinic, Koduvally, Kozhikode.

IQRAA Students Pursuing Higher Studies

 **Jiyad Jaleel Peechimannil**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2019 Pursuing higher studies in Masters in Hospital Administration from SRM University, Chennai.
 **Ameen Sabik C.A.**	**Programme Vompleted:** B. Voc in Dialysis Technology **Year of Passing:** 2019. Pursuing M. A. Social Work from Tata Institute of Social Science, Guwahati.
 **Abdul Jaseem M.K.**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2018. Recently completed MSW in Medical and Psychiatry from Pondicherry University.
 **Nighil K.P.**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2018 Pursuing M. A. in Women's studies from Calicut University.
 **Rushdha T.K.**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2021 Pursuing Masters in Public Health from Yenepoya University, Mangalore.

 **Fathimathu Sufaira**	**Programme Completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2021 Pursuing Masters in Public Health from Yenepoya University, Mangalore.
 **Safwan T.**	**Programme Completed:** B. Voc. in Medical Imaging Technology **Year of Passing:** 2019 Pursuing Masters in Public Health from Tata Institute of Social Sciences, Guwahati Off-Campus
 **Neha Muhammed T.K.**	**Programme Completed:** B. Voc. in Medical Imaging Technology **Year of Passing:** 2021 Pursuing Masters in Public Health from JSS University, Mysore.
 **LubnaJesin K.U.**	**Programme completed:** B. Voc. in Dialysis Technology **Year of Passing:** 2021 Pursuing Masters in Public Health from JSS University, Mysore.

THEME 7:
GIVING BACK TO THE SOCIETY

When the COVID-19 epidemic hit the nation, many healthcare students opted to work for the society. A few students have shared their experiences here.



Abhishek Kumar Ojha

Programme Completed
B. Voc. in Medical Laboratory Technology

Year of Passing
2020

Placement
Senior Laboratory Technician at Lal Pathology Laboratory, Bhagalpur, Patna

"I am Abhishek Kumar Ojha, a student of Tata Institute of Social Sciences- School of Vocational Education, Mumbai. I completed my B. Voc. in Medical Laboratory Technology from Patna (batch 2017-2020). I could learn a lot and became an experienced healthcare professional while pursuing this programme. During this period I was placed at Apollo Hospital for on the job training. Here I worked with Covid 19 patients. As a lab technology student, I used to collect samples of suspected patients. I also participated in awareness and psycho-social support activities during the pandemic. I worked with NGO Manav Kalyan which used to organize health camps in the community. The organization awarded me a certificate as Covid Warrior.

Later on, I got a job in Apollo hospital as junior lab technician. Then, I got an opportunity to work at Dr Lal PathLabs, Purnea district. Now, I have been promoted as Senior Laboratory Technician at Lal PathLabs, Bhagalpur.

I am thankful to all my faculties and TISS SVE who supported me becoming an experienced lab technician".



Shivam Kumar

Programme Completed
B. Voc. in Medical Laboratory Technology

Year of Passing
2020

Placement
Sonographer at Sapna Diagnostics Centre, Patna, Bihar

"I am Shivam Kumar from Patna, Bihar. I have completed my Bachelor's degree (B. Voc. in Medical Laboratory Technology) from Tata Institute of Social Sciences during the period 2017-2020. TISS helped me to imagine my future and broaden my vision. I could develop understanding of the healthcare sector during this crucial period of my life. I learnt a lot from A. L. Jha Sir and other faculties. I could practically experience their inputs while working in the hospitals.

Life wasn't easy task as a healthcare professional during Covid 19 pandemic. But being a responsible healthcare professional, it was my duty to serve people in every possible way and I did that. I used to do sonography of the patients admitted in the isolation ward. Whatever I learnt in the classroom was beneficial while working with the Covid 19 patients and their relatives. I could grow as a professional during these years. I was felicitated by TISS as Covid Warrior. I got a job when I was in my final year. I was initially working as a radiology technician at Ford Hospital, Patna. Now, for the last one year I have been working at Sapna Diagnostic Centre at Lucknow as Sonographer. Here I got a salary hike and a better position. Now I am planning to do a Masters in Public Health from Lucknow.

I thank the University and faculties for my achievement. They were instrumental in making me worthy to extend my helping hands to the Covid 19 and other patients".



Vikram Patil

Programme Completed
B. Voc. in Dialysis Technology

Year of Passing
November 2017

Placement
Assistant Manager, Home Hemodialysis at Apex Kidney Care, Mumbai

Life wasn't easy for me when I came to Mumbai from my village called Sagaon in Sangli district of Maharashtra. After completing H. Sc. at native place, I came to Mumbai in search of a better livelihood. I stayed in rented shared bachelor's accommodation. I joined Apex Kidney Care as a trainee technician; with a lot of struggle I found opportunity to continue my education. I was going to drop out but I did not because Apex Kidney Care arranged a scholarship for me. Soon they offered me a job as Jr. Technician. My superiors trusted me and encouraged me to take my education further and get more responsibility at work. I took admission in B. Voc. in Dialysis Technology.

Now, I am working as Assistant Manager, Home Hemodialysis in Apex Kidney Care. I am equipped to handle more responsible position in the organization. Now I am leading a team of 14 clinical staff at home hemodialysis division and managing more than 60 patients. I am successful because of this course and confident to take more responsibility in this field. I am well settled with my family. I have kids and I have purchased my own house in Mumbai. I see this as a great achievement for a young boy like me who belongs to a small village. "



Bhavana Sharma

Programme Completed
Post Graduate Diploma in Medical Emergency Services (PGDMES)

Year of Passing
2020

Placement
Assistant Medical Officer at Mumbai Municipal Corporation, Mumbai

"Hello,I am Dr. Bhavana Sharma! I enrolled for the P. G. Diploma. When I was doing my course, the pandemic started. I worked at BMC (Brihanmumbai Municipal Corporation) Covid Centre duringpandemic. I worked at both sides i. e. at ICU and in the administration. While working in the administration, I came to know what a mammoth task the system was performing.

Camps were being held in slums. We were posted at airport terminal. While doing this work, we could see how public reacted to our work. There were good reviews, there were bad reviews! Every time we had to overcome that. Because of my knowledge in emergency services which I got through TISS SVE PGDEMS programme, I could help a security guard who collapsed at the airport. I worked at the international airport where I used to do screening of the international passengers and reported to concerned authority in case a new variant of virus was found. I got a lot of experience and learning while working in the pandemic!"



Blessy Sohan Masih

Programme Persuing

B. Voc. in Medical Imaging Technology (Second Year student)

"I am Blessy from Mumbai! When I joined B. Voc. programme, Covid pandemic started. The situation was very scary and difficult. As students, we got opportunity to serve the patients. My parents were not ready to let me go for work because they were worried. But according to me, my work is to support patients. If I am in this profession, I will have to sacrifice. So, I joined the given task i. e. to work as intern technician at Jumbo Covid Centre at Mulund. It was my first work experience and I did my best. That time patients required love, support and hope. All the patients were scared. No one was with them. They were isolated. No family! No hopes! Some patients used to be there even for two months without family! So we were their family! We used to be covered in PPE kit. So, they could not see us. But they showed a lot of trust in us. Because of this trust, we could serve them. I am happy that I was of some use to them. It was a very good learning experience. I could learn a lot. There were 500 patients in each wing. It was tough to handle them but we did that.

It was difficult to wear PPE suit for 12 hours at a stretch. We even did that. Hats off to all those who served the patients during such difficult time.

Thank you TISS and Maharashtra Paramedical Institute (service provider) for giving me such experience!"



Sahala Sherin

Programme Completed
B. Voc. in Dialysis Technology

Year of Passing
2020

Placement
Sr. Dialysis Technologist at IQRAA Hospital, Kozhikode, Kerala

"Hello, I am Sahala. Our batch got an opportunity to work during the pandemic. Dialysis patients were badly hit in the pandemic. In our Malabar region, we had a lot of AKD (acute kidney disease) patients. For the last 2-3 years we were seeing the patients regularly and suddenly they were no more. We were not able to accept the sudden deaths. This time all students and alumni of IQRAA academy were very active. We undertook dialyzer donor programme. Initially our plan was to donate 100 dialyzers but because of the tremendous response we could donate 500 dialyzers.

IQRAA had started COVID hospital only for the dialysis patients. All this was offered free of cost. We all are happy and honoured to be part of this programme. We could learn a lot and we are happy that we could contribute something to the lives of many patients".

The B. Voc. in Child Protection is being implemented in Kolkata. Following are some of the success stories. All the students mentioned below have completed B. Voc. in Child Protection. These students had dropped out from regular graduation programmes owing to various reasons. They all received employment while pursuing the B. Voc. Programme of TISS SVE. This helped them not only in completing the education but becoming financially independent. Jaiprakash Institute of Social Change, service provider of TISS SVE, facilitated the process.



Raju Biswas

Year of Passing
June 2020

Placement
House Father at Kishalaya's Children's Home, Kolkata

"I am Raju Biswas. I am the first generation learner in the family. Now, I am working at 'Kishalaya Childrens' Home under Social Welfare Department, Govt of West Bengal as a House Father. I got this job after completion of second year of my B. Voc. I am still working here. I am one of the earning members in family and I feel satisfied with my achievement".



Silpa Sanyal

Year of Passing
June 2020

Placement
Project Co-ordinator,Uddami India Foundation, Kolkata

"I am Silpa Sanyal. I am working at 'Uddami India Foundation' as Project Coordinator. After the first year of B. Voc. , I got selected at 'SANLAAP' as a social worker. On completion of second year, I got opportunity to work at 'Uddami India Foundation' as Project Coordinator. Now, I am enrolled for M. S. W at Netaji Subhas Open University. I will continue to work at Uddami India Foundation while pursuing my post graduation".



Ranadip Ghosh

Year of Passing
June 2020

Placement
Child Line Project, Kolkata

"I am Ranadip Ghosh. I have completed B. Voc. in Child Protection from TISS SVE. I am the first generation learner in the family. Now, I am working in Kolkata Child Line Project under Child In Need Institute (CINI). I joined regular graduation programme after 12th. I had to discontinue from the course due to financial issues and work as a newspaper seller to earn money. I am the only earning member in family. Then I joined B. Voc. I got a job in 'Don Bosco Ashalayam' as a caregiver while I was pursuing B. Voc. After a year and a half, I was selected in CINI".



Arnab Bhattacharjee

Year of Passing
June 2021

Placement
Residential Care Giver, Gana Unnayan Parshad (ICPS Project), Kolkata

"I am Arnab Bhattacharjee. I lost my parents in childhood. I have a brother. I am the first generation learner in the family. Now, I am working in ICPS Project under 'Gana Unnayan Parshad' as a residential caregiver. The authorities of the organization take care of my living expenses. I took admission in B. Voc. after completion of 12th standard in 2017. During that time our relatives refused to support us. After a few months, I got a job in 'Bengal Service Society' as a House Father and after one year, I was selected in Gana Unnayan Parshad' as a residential caregiver. I am still working here. This job helped me to pay my fees and I could complete three years successfully. Now, I am taking care of my younger brother and I also contribute to his education. He is planning to take admission in M. S. W for better future".



Arnab Biswas

Year of Passing
December 2018

Placement
Outreach Co-ordinator, Hope Foundation, Kolkata

"I am Arnab Biswas. I completed B. Voc. in Child Protection from TISS SVE. I work at 'Hope Foundation' as outreach coordinator under Child Watch Project. I took admission in B. Voc. after dropping out from the regular graduation. On completion of B. Voc. I got opportunities to work in various organisations. Now, I am pursuing M. S. W. from Rabaindra Bharati University and doing my job as well".

THEME 8: ENTREPRENEURSHIP



Harshad Pardhi

Programme Completed
B. Voc. In Medical Laboratory Technology

Year of passing
2020

Placement
Self-employed, Gondia

"I am the eldest of three siblings. I was always interested in medical and paramedical field. However, there were no degree colleges around our place which offered a course in Laboratory Management. There were colleges offering Diploma programmes. But I wanted to pursue degree. I got to know about B. Voc. So I joined this programme because it was the least expensive degree programme. My father is a teacher and my mother is a homemaker. Everyone in my family preferred a stable job and stable income. No one encouraged me to start a business because there is always a risk involved in it. However, I convinced them, fought against all odds and started my collection centre in 2020, immediately after completing his course.

I have seen a huge change in my life because I became the first generation entrepreneur in my family. I am confident that I will set up more laboratories in remote locations. I also offer internship students at my collection centre. I am very grateful to TISS SVE for inculcating confidence in me".



Kuldeep Kumar

Programme Completed
B. Voc. in Renewable Energy

Year of Passing
2021

Placement
Self-employed, Lucknow

"I am Kuldeep Kumar. I am from Sadikpur Sinauli, Baghpat district, Uttar Pradesh. I have completed my B. Voc. internship from the company Battery House, Lakhimpur. I have three years of experience working in solar energy sector which I acquired while pursuing my B. Voc. I got the experience of solar panel installation and marketing. Due to the lockdown, I could not get stipend and I could not pay my fees. It was not possible for me to continue with my studies. But TISS SVE and their service provider in Lucknow, Shri Balaji Projects, helped me to get scholarship of APRAAVA Energy Pvt. Ltd. This helped me to complete my studies. Thanks all who have helped me to achieve this milestone in my life. Now, I am self-employed. I am a vendor of solar panels and I do the installation work. I am now supporting my sister to complete her education. I supported her in her marriage and have borne the marriage expenses from my earnings.

I am very proud to say that now I am financially independent and looking forward to a bright career in renewable energy technology".



Apoorva Yadav

Programme Studying
B. Voc. in Renewable Energy Technology (Third Year)

Placement
Student and entrepreneur (own company in partnership)- Floura Innovations Pvt. Ltd. , Lucknow

"My name is Apoorva Yadav. I am from Lucknow. I am proud of starting my career as an entrepreneur. I enrolled for B. Voc. in Renewable Energy Technology. I was going to appear for semester I examination and then my father was diagnosed with some major illness. We had to spend all our savings on his treatment. So my mother told me to discontinue this course as we were in financial crisis. Meanwhile, TISS SVE and its service provider Shri Balaji Projects facilitated APRAAVA Energy scholarship for me. I am really thankful for this gesture. Because of this scholarship, I could pay my fees. I cleared my first semester and subsequent examinations. Now, I am in third year. I have started my own solar company in partnership - Floura Innovations Pvt. Ltd. I am taking care of business development and work of roof-top solar plants for various clients including commercial clients. Soon we are going to inaugurate our new office. UPNEDA (Uttar Pradesh New and Renewable Energy Agency) has requested me to become a trainer in their training programmes. Thanks for making my future so bright! Thank you TISS, thank you APRAAVA Energy and Shri Balaji Projects! (service provider)"



Mr Kuldeep Singh

Programme Completed
B. Voc. in Renewable Energy Technology

Year of Completion
December 2020

Placement
Self Employed, Lucknow

"I am Kuldeep Singh. I completed my graduation in Mathematics. I was wondering how to plan my future when I was introduced to B. Voc Renewable Energy Technology by a family friend. My uncle who is a plastics engineer also encouraged me to take this field up. I could see that I have a bright future in the field of Solar Energy.

I have done my internship Wilson Solar Energy and in other companies. It was a great learning experience. With people having strong expertise and experience in this field I learnt the intricacies of solar energy equipments and installation. It was a great experience learning under Neeraj Bajpaee Sir.

Then I joined my friends' firm Golden Ball Enterprises and I am continuing my association with them. However, I have also started taking contractual work on my own with a few companies such as Sun Wind Devices. Sun Wind Devices has a tie up with Tata Power for raw materials and a few other companies. Working with these companies has given me immense knowledge and good profits and in future I would like to start my own company in the field of Solar Power. Hopefully, I will get my company registered and established soon. I am grateful and very happy with my growth in this field so far and I am looking forward to more progress in this field. "

CONCLUDING REMARKS

TISS SVE has completed a decade in the sphere of skill education. During this phase the focus was on conceptualising,testing and implementing the model and developing various programmes. Many lessons were learnt during the journey and many best practices were established. It has been experienced that work intergrated approach in skill education is a very effective approach. It helps to enhance the employability. Students,who do the hard work and take keen interest in the programme,get many opportunities for self growth. The sectors also get the trained human resources thus boosting productivity and growth.

TIS-SVE has a plan to explore many more areas in the years to come. Programmes in new and upcoming sectors will be introduced. There will be new affiliations with major industry partners going forward. In addition to this a lot of thrust will be given on research and publications.

There will be a lot of thrust on the collaboation with government. TISS SVE is appointed as a Member of Working Group by the Ministry of Skill Development & Entrepreneurship (MSDE) Government of India. The group will provide recommendations enabling evolution of Skill Universities as centres of excellence in higher level skill certifications, streamline the regulatory domain of functioning of such universities and institutionalize various aspects related to their operations for ease of all stakeholders.

MoU has been signed between TISS SVE and Samagra Shiksha, Government of Maharashtra under the Maharashtra Young Leaders Aspiration Development Programme (MYLAP) on 21st September 2022.

Under this MoU, SVE & Samagra Shiksha will work towards skilling youth from Maharashtra, covering 643 schools which comes under Samagra Shiksha (approx. 15000 students), in course of the coming years. The focus will be to admit 12th std. pass students from these schools (NSQF Level 5), into vocational education programs offered from SVE. The work-integrated approach of the vocational education programs, and the association with industry partners, will provide an opportunity for the students to have industry-linked skill education, with employability.

TISS SVE has developed Vocational Aptitude System (VAS) to assess the aptitude of students and guide them to choose the right sector for their career. Right now this test is available for 15 sectors. A robust mechanism of career guidance will be developed for the students coming in the area of Vocational Education.

Thus,in the years to come,efforts will be made to achieve excellence in skill education so that more and more students may aspire to opt for vocational education.

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