



PROGRAMME CATALOGUE 2023-2024



विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT

PSS Central Institute of Vocational Education

(a constituent unit of National Council of Educational Research & Training
under Ministry of Education, Government of India)

Shyamla Hills, Bhopal - 462002, Madhya Pradesh, INDIA
www.psscive.ac.in



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Director's Message

The National Education Policy (NEP) 2020 has given special emphasis on vocational education through integration and mainstreaming of vocational education with general education which will help students in acquiring various skills to meet the needs of the industries and to improve the quality of education.



In the light of NEP 2020, the PSS Central Institute of Vocational Education (PSSCIVE), Bhopal, a constituent unit of National Council of Educational Research and Training (NCERT), is working to strengthen vocational education and training system for meeting the skill needs of the current and future workforce development of the country.

I am pleased to know that the Institute has brought out a Programme Catalogue highlighting its academic programmes and projects for implementation and dissemination of quality vocational education and training in the country. The Institute is contributing in fulfilling the Government's flagship Programmes and realising the Mission of Skilling India for empowering our youth and workers.

I congratulate Dr. Deepak Paliwal, Joint Director, PSSCIVE and faculty and staff members of the Institute for their efforts in bringing out the Programme Catalogue of Institute's academic programmes for the year 2023-24.

I extend my best wishes to PSSCIVE for its future endeavours in the area of vocational education and training.

Prof. Dinesh Prasad Saklani
Director, NCERT, New Delhi

Foreword

The PSS Central Institute of Vocational Education (PSSCIVE), a constituent unit of National Council of Educational Research and Training (NCERT), which is under Ministry of Education, Government of India has a mandate to promote research, development, training and extension for effective implementation of vocationalisation of education in schools. The Department of School Education and Literacy, Ministry of Education, Government of India is implementing the scheme of Vocationalisation of School Education under '*Samagra Shiksha* - an integrated scheme for school education'.



The present catalogue presents the academic programmes of the Institute for the year 2023-24 which includes Research, Development, Training and Extension activities reflecting the dynamism and responsiveness of the Institute's faculty. Apart from one research study, development programmes for development of curriculum, textbooks, video films, e-learning material and digital resources for vocational subjects being implemented by the States/UTs have been planned for the year 2023-24. As a regular activity, every year the institute undertakes training programmes which includes orientation programmes for key functionaries, training programmes on vocational pedagogy for Master trainers, teacher training for vocational teachers of various job roles and capacity building programmes on pre-vocational education for teachers of six regions.

To help in shaping the future VET policies, there is a need to examine the emerging scenarios - pointing towards plausible and consistent pictures of how VET can evolve by 2030. For this, PSSCIVE is planning to organise a National conference on Emerging Perspectives and Practices in Vocational Education and Training this year to conduct strategic discussions on future changes and cooperation on VET.

In all our programmes, we invite officials from State Government, partners and stakeholders, etc. to support our shared vision and objectives to further strengthen VET system and build capacity of key functionaries, vocational teachers, VET practitioners, managers, administrators and other stakeholders.

It is my immense pleasure that the institute is bringing out this programme catalogue wherein the stakeholders will get the information about the PSSCIVE's programmes and projects in detail and we would like to have maximum participation in our programmes so that we together can contribute to better implementation of the VET system in the country.

Dr. Deepak Paliwal
Joint Director,
PSSCIVE, Bhopal

About PSSCIVE, Bhopal

The Pandit Sunderlal Sharma Central Institute of Vocational Education (PSSCIVE) is an apex Research and Development organization in the field of vocational education. It is a constituent unit of the National Council of Educational Research and Training (NCERT), established in 1993 by the Ministry of Education (MoE), Government of India. It is also a UNESCO-UNEVOC (International Project on Technical and Vocational Education) Network Centre in India. The Institute has a picturesque 35-acre campus with Departments created for different disciplines, viz. Agriculture and Animal Husbandry, Business & Commerce, Engineering & Technology, Health and Paramedical Sciences, Home Science and Hospitality Management and Humanities, Science, Education & Research.

The Institute conducts research, development and training programmes and extension on vocational and pre-vocational education and wide array of disciplines for the key functionaries and teachers. The highly qualified team of the Institute possesses excellent professional skills and experience required to impart training for classroom teaching and training.

The Institute has traversed the path of rapid development in vocational education, responding positively to the changing needs of the industry and at times initiating significant changes in the field of vocational education. The evolution of the Institute in the last 30 years has witnessed various challenges, but these have served as opportunities to explore new horizons and work on possibilities of reimagining vocational education in light of NEP 2020 for meeting the skill needs of the people at the local and global canvas.

Institute's Vision

To be a leading organization to strengthen Vocational Education and Training system to meet the skills need of the current and future workforce development.

Institute's Mission

To build the capacity of TVET institutions for meeting the skills need of the current and future workforce.

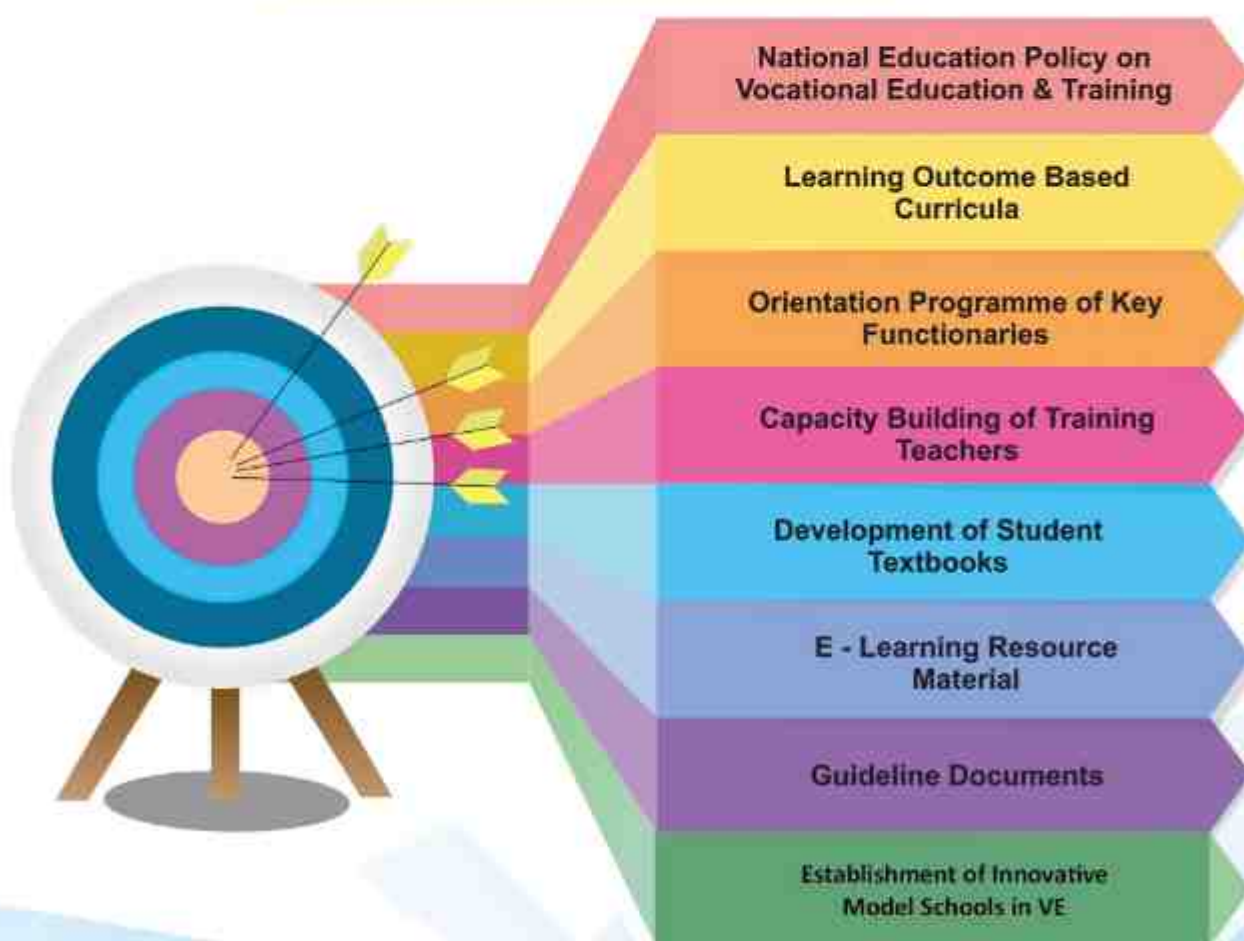
Strategic Goals

- To promote vocational education and training, to enhance the socio-economic development of the country.
- To enhance the quality of vocational education and training system through systemic policy interventions.
- To design and offer programmes for professional development of Vocational Teachers to enhance the quality of vocational education and training in school.
- To enhance synergic partnership and networking with organisations, institutions and agencies for delivery of VET products and services.

Key Roles

- Advise and assist the Central and State/UT governments in the implementation of vocationalisation of education in schools.
- Develop guidelines, curricula, courseware and e-learning materials for a wide spectrum of target groups, including children with special needs.
- Develop vocational courses and programmes under the National Skill Qualification Framework (NSQF).
- Offer a wide spectrum of courses and training programmes for capacity building of key functionaries and vocational teachers/trainers.
- Collaborate with national and international organizations/ institutions/ agencies for promotion of quality VET.
- Undertake research projects in collaboration with national and international organizations.
- Organize national and international seminars, conferences and workshops to provide a forum for discussion and strategic directions for effective implementation of vocational education and training programmes.
- Establishing E-Skills Labs in Schools.

Major Activities of PSSCIVE



Departments and Centres

The PSS Central Institute of Vocational Education has the following Departments and Centres:

1. Agriculture and Animal Husbandry

Agriculture is the most important sector in Indian economy, as it is not only the mainstay for food security but also provide livelihood to about 52% of the working population in India. In order to fulfil the need of skilled para-professionals in agriculture and allied sectors, the Department of Agriculture and Animal Husbandry has been involved in designing and developing vocational courses and teaching-learning materials in different areas of agriculture and allied sectors under the National Skill Qualification Framework. The Department is also involved in training key functionaries and teachers and conducting researches in vocational education. The strategy for the future is to promote vocational courses for sustainable agriculture such as organic farming, vermicompost production etc., and improvement in production, processing and quality of food.

2. Business and Commerce

The Department of Business and Commerce was established for developing guidelines, curricula and teaching-learning materials for the vocational education in various related sectors, such as retail, logistics, banking, financial services and insurance. Over the years, the department has developed the credibility of designing and developing courses and conducting training programs for vocational teachers.

3. Engineering and Technology

The Department of Engineering and Technology was established with the objective of designing and implementing programs and activities for research, development of guidelines, curricula and teaching-learning materials for vocational courses related to various sectors, including Automotive, Electronics, Information Technology, IT-enabled Services, Power, etc. Besides research and development inputs, the Department conducts training sessions on the use and applications of Information and Communication Technology.

4. Health and Paramedical Sciences

The Department of Health and Paramedical Sciences is contributing to the development of high-quality middle level skilled manpower in health sector. The department strives for innovation and continuous improvement in the quality and relevance of the training programs and activities for the development of curricula and teaching-learning materials in healthcare sector.

5. Home Science and Hospitality Management

The Department of Home Science and Hospitality has established its identity by organizing programs and activities for development of curricula and courseware and conducting orientation and training programs for the teachers and instructors teaching home science based vocational courses. It has developed courses for a wide variety of services in different sectors, including Apparel, Textiles, Tourism and Hospitality, etc.

6. Humanities, Science, Education and Research

The Department of Humanities, Science and Education Research, having a wider ambit, provides research and development inputs for guiding the process of development of curricula, courseware and other materials in areas like performing arts, commercial art, entrepreneurship development, rural development, etc.

7. Programme Planning and Monitoring Centre

The Centre coordinates the process of programme formulation, monitoring, evaluation and submitting periodic reports to NCERT. It works for the implementation of all the programmes approved by the Programme Advisory Committee (PAC). It also coordinates with the Programme Monitoring Division of NCERT.

8. Curriculum Development and Evaluation Centre

The Centre coordinates the activities of development, evaluation and vetting of curricula and courseware for vocational subjects under the National Skill Qualification Framework (NSQF).

9. Centre for International Relations

The Centre for International Relations contributes to the international networking and development of relations with various international institutions or organizations for academic exchange.

10. Information and Communication Technology (ICT) Centre

The Institute has established an ICT Centre with the aim and objective to design and develop digital resources or E-content of the new job roles developed by PSSCIVE. The ICT Centre also provides their services (photography and videography) during different development and training programme of the Institute. The establishment of acoustic E-studio is also in progress with all state of art facilities required for audio and video recording. Apart from this, ICT Centre also looking and supervising the Intranet, Internet and Wi-Fi facilities of the Institute and providing technical guidance and support as and when required. At present, the equipment available in the ICT Centre are HP Desktop Computers - i5, HP Pro-Liant Workstation, HP Desktop Computer - i3 with Podium and other Accessories (Interactive Panel, Cordless Mike, Collar Mike, etc.), LED TV 70 inch, HP LaserJet Colour Printer, White Smart Board, Sony Camcorder Video Camera, Panasonic Video Camera, Digital Still Camera , Tascam Audio Recorder, Sennheiser Wireless Microphone System, Tripod for Video Camera , Halogen Light, Photo Studio Light, External HDD 4 TB, External HDD 2 TB, Multimedia Projector, Handy Cam, IBM Server, Multimedia Speaker 4.1 channel, Visualizer, White Writing Board.

The ICT includes a Computer Centre established in 1993. Since its inception, it is consistently creating its place of excellence within the institute and NCERT. Initially the Computer Centre has Unix Server with terminals. With the advancement in development of computer technology, the institute has established a Computer Centre in its new campus at Shyamla Hills, Bhopal. At present, the Centre has 50 computers with latest configuration and a Server. All computers are provided with internet connection. This is the central facility of the institute and can be used by any faculty, staff, and project fellows of the institute. These computers are used for developing graphics and video editing by the project staff. They are also being used by the trainees of Diploma in Vocational Education and Training and the participants of various training programme for completing their assignment and projects during the programmes conducted by the institute.

Institute Advisory Board

Every year the Institute conducts its academic programmes recommended by the Institute Advisory Board (IAB) and approved by the Programme Advisory Committee of the NCERT.

S.No.	IAB Members	Designation and Official Address
1.	Dr. Deepak Paliwal	Chairman Joint Director, PSSCIVE, Bhopal
2.	Prof. Dinesh Kumar	Member Head, PMD, NCERT, New Delhi
3.	Dr. Swati Mujumdar	Member Pro-chancellor, Symbiosis Skills and Professional University, Pune
4.	Dr. Sitansu. S. Jena	Member Professor & Dean, School of Vocational Studies, (Open Distance Learning) and Curriculum Design, Ambedkar University, Delhi
5.	Dr. Mamta Srivastava	Member Dy. Director, Vocational Education, National Institute of Open School (NIOS), New Delhi
6.	Dr. R.S.P. Singh	Member School of Vocational Education and Training, Indira Gandhi National Open University (IGNOU), New Delhi
7.	All Heads of Departments of PSSCIVE	Member PSSCIVE, Bhopal
8.	Dr. Pinki Khanna	Coordinator, Institute Advisory Board Professor & Head, Department of Home Science and Hospitality Management, PSSCIVE



Academic Programmes

The Institute organises academic programmes and activities approved by Programme Advisory Committee (PAC) every year. Under PAC the institute organise the programmes in the following four categories viz., Research, Development, Training and Extension and under PAB the Institute undertakes programmes and projects mainly on development of curricula, Students textbooks and conducts consultative meetings on vocationalisation of school education under Samagra Shiksha.

- 1. Research** – The institute promotes and conducts research to gain new knowledge and to bring about qualitative improvement in vocationalisation of education.
- 2. Development** – The Institute develops curricula and student textbooks with the help of experts in different disciplines and organizations or industries to cater to the educational resources for vocational education in schools.
- 3. Training** – The Institute conducts training programmes for the key functionaries and vocational teachers in collaboration with States/UTs on aspects related to NEP-2020, vocational pedagogy, employability skills, vocational and pre-vocational skills and emerging technologies.
- 4. Extension** – The Institute shares experiences and ideas through various extension activities as given below:
 - a) Indian Journal of Vocational Education (IJVE) included in UGC carelist
 - b) Biannual Bulletin
 - c) Extension Lecture Series
 - d) National Seminar and Conferences
 - e) Diploma in Vocational Education and Training (DVET)

Programmes approved by Project Approval Board (PAB)

The Institute has been entrusted with the major task of development of Students textbooks for different job roles in priority sectors under NSQF approved by Project Approval Board (PAB), *Samagra Shiksha Abhiyan*, Ministry of Education (MoE), Government of India. The institute has taken two major activities under PAB for the year 2023-24:

1. Development of Curricula and Students Textbooks under NSQF
2. Innovative Model of Vocational Education in Schools project



Academic Programmes 2023-24

Programmes approved by Programme Advisory Committee (PAC)

During the year 2023-24, the Institute is organising the programmes and activities in Five different categories:

Research	
21.01	A Study of Integration of Information and Communication Technology (ICT) in Teaching and Learning of Vocational Subjects

Development	
21.02	Development of Digital Resources for Pre-vocational Education and Vocational Education
21.03	Review and Finalization of Student Textbooks for Job Roles developed for Classes IX to XII under NSQF
21.04	Design, Development and maintenance of web applications, social media and network infrastructure of PSSCIVE
21.05	Development of Flipbook and Popularization Folders for Handicrafts and Carpet sector
21.06	Development of Green Technology Park involving Future skills
21.07	Development of Virtual tour for AMHF Sector under the Department of Home Science and Hospitality Management

Training	
21.08	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs in light of NEP 2020 (09 Activities)
21.09	Capacity Building Programme for Teachers on Vocationalisation of Education at Middle Stage (from Classes VI to VIII). (06 Activities)
21.10	Training Programme for Developing Master Trainers on Vocational Pedagogy (09 Activities)
21.11	Vocational Teachers Training for different Job Roles (07 Activities)

21.12	Training of Teachers and Key Functionaries for improving the Quality of Vocational Education and Training in Andaman & Nicobar Islands
21.13	Diploma in Vocational Education and Training (Distance-cum-Contact Mode) 2023 – 2024

Extension	
21.14	Extension Lecture Series
21.15	Indian Journal on Vocational Education
21.16	Publication of Bi-annual Bulletin on Vocational Education and Training
21.17	National Conference on Emerging Perspectives and Practices in Vocational Education and Training
21.18	Development of Action Plan for the Implementation of Prevocational Education and Vocational Education for Tribal Schools
21.19	Awareness Building on Innovation, Incubation and Entrepreneurship amongst Vocational Teachers and Students

Others	
21.20	Expansion and Maintenance of the Vocational Laboratories of PSSCIVE
21.21	Online Certificate Course in Microirrigation
21.22	Development of Online Course on Foundations of Vocational Pedagogy for Teachers
21.23	Regional Workshop on National Education Policy 2020 for Development of State-wise Action Plans for Strengthening of Vocational Education in North Eastern Region
21.24	Development of State Plan for the Implementation of Hub and Spoke Model
21.25	Development of Virtual Skill Labs

Academic Calendar for 2023-24

PAC Programmes

Round the year 2023-24

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.13	Diploma in Vocational Education and Training (Distance-cum-contact Mode) 2023-2024	Dr. R. Ravichandran	Round the year	PSSCIVE, Bhopal
21.01	A Study on Integration of Information and Communication Technology (ICT) in Teaching and Learning of Vocational Subjects	Dr. R. Ravichandran	May, 2023 to March, 2024	PSSCIVE, Bhopal
21.02	Development of Digital Resources for Pre-Vocational Education and Vocational Education	Dr. V.S. Mehrotra	1 st June 2023 to 10 th March 2024	PSSCIVE, Bhopal
21.03	Review and Finalization of Student Textbooks for Job roles developed for Classes IX to XII under NSQF	Dr. V.S. Mehrotra	1 st May 2023 to 10 th March 2024	PSSCIVE, Bhopal
21.06	Development of Green Technology Park involving Future skills	Dr. Saurabh Prakash	Round the year	PSSCIVE, Bhopal
21.15	Indian Journal on Vocational Education	Dr. A. Nayak	Round the year	PSSCIVE, Bhopal
21.16	Publication of Bi-annual Bulletin on Vocational Education and Training	Dr. R.K. Pathak	Round the year	PSSCIVE, Bhopal
21.20	Expansion and Maintenance of the Vocational Laboratories of PSSCIVE	All Sector Coordinators	Round the year	PSSCIVE, Bhopal

June, 2023

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
G-20 Prog.	Webinar on Empowering Youth Through Vocational Education – Building A Skilled Workforce for a Sustainable Future under the G-20 Jan Bhagidari Activities.	Dr. R. Ravichandran	05 to 09 June, 2023	PSSCIVE, Bhopal
G-20 Prog.	Organization of Panel Discussion and National Conference on “Work and Vocational Education– Emerging Trends” for Jan Bhagidari Activities.	Dr. V.S. Mehrotra Dr. A. Nayak	13 to 14 June, 2023	PSSCIVE, Bhopal
NCERT prog.	National Yoga Olympiad in collaboration with Regional Institute of Education	Dr. Gauri Shrivastava, NCERT	18 to 20 June, 2023	PSSCIVE, Bhopal
21.24	Working Group Meeting for Development of State plan for the implementation of Hub and Spoke Model	Dr. Saurabh Prakash	21 to 23 June, 2023	NERIE, Shillong

July, 2023

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.08 (C)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Andhra Pradesh, Telangana, Karnataka and TamilNadu in light of NEP 2020	Dr. P. Veeraiah	19 to 21 July, 2023	PSSCIVE, Bhopal
21.05	Development of Popularization Folders for Handicrafts and Carpet Sector	Dr. Pinki Khanna	WGM I : 17 to 21 July, 2023	PSSCIVE, Bhopal
21.04	Design, Development and Maintenance of Web Applications, social media and network infrastructure of PSSCIVE	Dr. Deepak Shudhalwar	Ist Meeting : 17 to 20 July, 2023	PSSCIVE, Bhopal

August, 2023

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.10(C)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of Andhra Pradesh, Telangana, Karnataka and Tamil Nadu	Dr. P. Veeraiah	31 July to 04 August, 2023	PSSCIVE, Bhopal
21.10(G)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of Jammu & Kashmir, Bihar, Andaman & Nicobar, Lakshadweep and Nagaland	Dr. R. Ravichandran	07 to 11 Aug, 2023	PSSCIVE, Bhopal
21.11 (H)	Teachers Training Programme for Apparel Made-ups and Home Furnishing Sector for Telanagana, Tripura and Andhra Pradesh	Dr.Pinki Khanna	07 to 11 Aug, 2023	PSSCIVE, Bhopal
21.08(B)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Uttar Pradesh, Uttarakhand, Delhi and Haryana in light of NEP 2020	Dr. R.K. Pathak	16 to 18 August, 2023	PSSCIVE, Bhopal
21.08(H)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Gujarat, Daman & Diu and Dadra & Nagar Haveli in light of NEP 2020	Dr. Saurabh Prakash	16 to 18 August, 2023	Agra/ Bhopal
21.09(F)	Capacity Building Programme for Teachers on Vocationalisation of Education at Middle Stage (from Classes VI to VIII) for North-Eastern Region	Dr. V.S. Mehrotra	21 to 25 Aug, 2023	PSSCIVE, Bhopal
21.09(E)	Capacity Building Programme for Teachers on Vocationalisation of Education at Middle Stage (from Classes VI to VIII) for Southern Region	Dr. P. Veeraiah	21 to 25 Aug, 2023	PSSCIVE, Bhopal
21.05	Development of Flipbook for Handicrafts and Carpet Sector	Dr.Pinki Khanna	WGM I : 21 to 25 Aug, 2023	PSSCIVE, Bhopal
21.18	Development of Action Plan for the Implementation of PreVocational Education and Vocational Education for Tribal Schools	Dr. V.S. Mehrotra	WGM I : 28 to 30 Aug, 2023	PSSCIVE, Bhopal

21.07	Development of Virtual Tour for AMHF Sector under the Department of Home Science and Hospitality Management	Dr.Pinki Khanna	Shooting of Fashion Shows: 28 Aug to 01 Sep, 2023	PSSCIVE, Bhopal
21.08(I)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Madhya Pradesh, Chhattisgarh, Maharashtra and Rajasthan (for Minority institutions also) in light of NEP 2020	Dr. V.K. Jain	28 to 30 Aug, 2023	PSSCIVE, Bhopal
21.08(F)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Punjab, Himachal Pradesh and Chandigarhin light of NEP 2020Dr. Deepak Shudhalwar	Dr. Deepak Shudhalwar	28 to 30 Aug, 2023	PSSCIVE, Bhopal

September, 2023

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.10(H)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of Gujarat, Daman & Diu and Dadra & Nagar Haveli	Dr. Saurabh Prakash	04 to 08 Sept, 2023	PSSCIVE, Bhopal
21.10(B)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of Uttar Pradesh, Uttarakhand, Delhi and Haryana	Dr. R.K. Pathak	04 to 08 Sept, 2023	PSSCIVE, Bhopal
21.10(I)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of Maharashtra, Madhya Pradesh, Chhattisgarh and Rajasthan	Dr. V.K. Jain	11 to 15 Sept, 2023	PSSCIVE, Bhopal
21.10(F)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of Punjab, Himachal Pradesh and Chandigarh	Dr. Deepak Shudhalwar	11 to 15 Sept, 2023	PSSCIVE, Bhopal
21.14	Extension Lecture Series (First Lecture)	Dr. V.K. Jain	14 Sept, 2023	PSSCIVE, Bhopal

21.22	Development of Online Course on Foundations of Vocational Pedagogy for Teachers	Dr. V.S. Mehrotra	WGM I: 04 to 08 Sept, 2023	PSSCIVE, Bhopal
21.23	Regional Workshop on National Education Policy 2020 for Development of State Wise Action Plans for Strengthening of Vocational Education in North Eastern Region	Dr. V.S. Mehrotra	26 to 28 Sept, 2023	PSSCIVE, Bhopal
21.10(A)	Training Programme for Developing Master Trainers on Vocational Pedagogy for Goa, Kerala, Manipur and Mizoram	Dr. V.S. Mehrotra	18 to 22 Sept, 2023	PSSCIVE, Bhopal
21.10(D)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of Tripura, Assam, Arunachal Pradesh, Meghalaya and Puducherry	Dr. Pinki Khanna	18 to 22 Sept, 2023	PSSCIVE, Bhopal
21.08(E)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of West Bengal, Odisha, Jharkhand and Sikkim in light of NEP 2020	Dr. A. Nayak	25 to 27 Sept, 2023	PSSCIVE, Bhopal
21.19	Awareness Building on Innovation, Incubation and Entrepreneurship amongst Vocational Teachers and Students	Dr. V.S. Mehrotra	11 & 12 Sept, 2023 (Online Mode)	PSSCIVE, Bhopal
21.08(G)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Jammu & Kashmir, Andaman & Nicobar, Bihar and Nagaland in light of NEP 2020	Dr. R. Ravichandran	13 to 15 Sept, 2023	PSSCIVE, Bhopal
21.22	Development of Online Course on Foundations of Vocational Pedagogy for Teachers	Dr. V.S. Mehrotra	WGM II : 25 to 27 Sep, 2023	PSSCIVE, Bhopal

October, 2023

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.04	Design, Development and maintenance of Web Applications, social media and network infrastructure of PSSCIVE, WGM 2	Dr. Deepak Shudhalwar	II nd WGM: 03 to 13 Oct, 2023	Agra/ Bhopal

21.08(D)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Assam, Tripura, Arunachal Pradesh, Meghalaya and Puducherry in light of NEP 2020	Dr.Pinki Khanna	04 to 06 Oct, 2023	PSSCIVE, Bhopal
21.11(C)	Vocational Teachers Training for the Job Roles under Organized Retail Sector	Dr. P. Veeraiah	02 to 06 Oct, 2023	PSSCIVE, Bhopal
21.11(A)	Vocational Teachers Training for the Job Roles under Security Sector	Dr. V.S. Mehrotra	09 to 13 Oct, 2023	PSSCIVE, Bhopal
21.12	Orientation of Key Functionaries for improving the Quality of Vocational Education and Training in Andaman & Nicobar Islands (Online & Offline)	Dr. R. Ravichandran	11,12,16 Oct, 2023	A&N Islands
21.18	Development of Action Plan for the Implementation of Pre-Vocational Education and Vocational Education for Tribal Schools	Dr. V.S. Mehrotra	WGM II : 09 to 11 Oct, 2023	PSSCIVE, Bhopal
21.09 (C)	Capacity Building Programme for Teachers on Vocationalisation of Education at Middle Stage (from Classes VI to VIII) for Eastern Region	Dr. A. Nayak	16 to 20 Oct, 2023	PSSCIVE, Bhopal
21.12	Vocational Teachers Training on Job roles for Teachers of Andaman & Nicobar Islands (Online & Offline)	Dr. R. Ravichandran	13, 17 to 20 Oct, 2023	Andaman & Nicobar Islands
21.09(D)	Capacity Building Programme for Teachers on Vocationalisation of Education at Middle Stage (from Classes VI to VIII) for Central Region	Dr. V.K. Jain	16 to 20 Oct, 2023	PSSCIVE, Bhopal
21.14	Extension Lecture Series (Second Lecture)	Dr. V.K. Jain	19 Oct, 2023	PSSCIVE, Bhopal
21.09(A)	Capacity Building Programme for Teachers on Vocationalisation of Education at Middle Stage (from Classes VI to VIII) for Northern Region	Dr. R.K. Pathak	23 to 27 Oct, 2023	PSSCIVE, Bhopal
21.22	Development of Online Course on Foundations of Vocational Pedagogy for Teachers	Dr. V.S. Mehrotra	WGM III : 23 to 27 Oct, 2023	PSSCIVE, Bhopal
21.08(A)	Orientation Programme of key functionaries for Strengthening Vocational Education in States/UTs of Goa, Kerala, Manipur and Mizoram in light of NEP 2020	Dr. V.S. Mehrotra	30 Oct to 01 Nov, 2023	PSSCIVE, Bhopal

21.09(B)	Capacity Building Programme for Teachers on Vocationalisation of Education at Middle Stage (from Classes VI to VIII) for Western Region	Dr. Saurabh Prakash	23 to 27 Oct, 2023	PSSCIVE, Bhopal
21.07	WGM for finalization of Virtual tour of AMHF sector	Dr. Pinki Khanna	30 Oct to 03 Nov, 2023	PSSCIVE, Bhopal
21.11(D)	Vocational Teachers Training for the Job Roles under Banking Financial Services & Insurance Sector	Dr. P. Veeraiah	30 Oct to 03 Nov, 2023	PSSCIVE, Bhopal
21.10(E)	Training Programme for Developing Master Trainers on Vocational Pedagogy for the states of West Bengal, Odisha, Jharkhand and Sikkim	Dr. A. Nayak	30 Oct to 03 Nov, 2023	PSSCIVE, Bhopal

November, 2023

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.04	Design, Development and Maintenance of Web Applications, social media and network infrastructure of PSSCIVE	Dr. Deepak Shudhalwar	III rd WGM: 01 to 10 Nov, 2023	Agra/ Bhopal
21.11(G)	Vocational Teachers Training for the Job Roles under Health Sector	Dr. A. Nayak	06 to 10 Nov, 2023	PSSCIVE, Bhopal
21.11(B)	Vocational Teachers Training for the Job Roles under Agriculture Sector	Dr. R.K. Pathak	20 to 24 November, 2023	PSSCIVE, Bhopal
21.11(E)	Vocational Teachers Training for the Job Roles under Travel, Tourism & Hospitality Sector	Dr. P. Veeraiah	20 to 24 November, 2023	PSSCIVE, Bhopal
21.11 (I)	Vocational Teachers Training for the Job Roles under Food Processing Sector	Dr. R. Ravichandran	13 to 17 Nov, 2023	PSSCIVE, Bhopal
21.11(F)	Vocational Teachers Training for the Job Roles under Automobile Sector	Dr. Saurabh Prakash	27 Nov to 01 Dec, 2023	PSSCIVE, Bhopal
21.11(J)	Vocational Teachers Training for the Job Roles under IT & ITeS Sector	Dr. Deepak Shudhalwar	27 Nov to 01 Dec, 2023	PSSCIVE, Bhopal
21.21	Online Certificate Course in Micro-irrigation	Dr. V.S. Mehrotra	WGM I : 20 to 24 Nov, 2023	PSSCIVE, Bhopal

December, 2023

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.17	National Conference on Emerging Perspectives and Practices in Vocational Education and Training	Dr. A. Nayak & Dr. Saurabh Prakash	09 to 10 Dec, 2023	PSSCIVE, Bhopal
21.18	Development of Action Plan for the Implementation of Pre-Vocational Education and Vocational Education for Tribal Schools	Dr. V.S. Mehrotra	WGM III : 12 to 14 Dec, 2023	PSSCIVE, Bhopal
21.04	Design, Development and Maintenance of Web Applications, social media and network infrastructure of PSSCIVE	Dr. Deepak Shudhalwar	IV th WGM : 05 to 15 Dec, 2023	Agra/ Bhopal
21.05	Review and Finalization of Flipbook and Popularization Folders for Handicrafts and Carpet Sector	Dr. Pinki Khanna	WGM II : 04 to 08 Dec, 2023	PSSCIVE, Bhopal
21.21	Online Certificate Course in Micro-irrigation	Dr. V.S. Mehrotra	WGM II : 04 to 08 Dec, 2023	PSSCIVE, Bhopal

January, 2024

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.19	Awareness Building on Innovation, Incubation and Entrepreneurship amongst Vocational Teachers and Students	Dr. V.S. Mehrotra	WGM II : 03 to 04 January, 2024	PSSCIVE, Bhopal

February, 2024

PAC Code	Title of the Programme/ Activity	Programme Coordinator	Duration	Venue
21.04	Design, Development and Maintenance of Web Applications, social media and network infrastructure of PSSCIVE	Dr. Deepak Shudhalwar	V th WGM : 12 to 23 Feb, 2024	Agra/ Bhopal

Achievements of PSSCIVE

- **Development of Curriculum and Textbooks:** The institute has developed Curriculum for 152 job roles in last two years. Till date 69 textbooks in 19 job sectors have been published and many are in the process of editing and will be published soon.
- **Development of Digital Resources for Vocational and Pre-Vocational Education:** The Institute has developed 500 slide presentations, 200 video films related to the domain-specific skills and 35 videos for pre-vocational activities. Students have access to textbooks, e-content, videos, practice sessions and self-check exercises, etc. for various vocational subjects on DIKSHA (Digital Infrastructure for School Education) platform.
- **Development of Guidelines:** The Institute has developed Guideline and Modules for Pre-vocational Education, 10 Bagless Days in Schools for Classes VI to VIII, A module on Fun-based Learning Activities, Draft Guideline for Optimal Utilization of Unused Capacity of Schools and Draft Guidelines on Implementation of Hub and Spoke Model of Skilling.
- **Development of Online Vocational Interest Inventory instrument:** An Online Vocational Interest Inventory instrument has been developed by a group of experts at PSSCIVE to help students identify their interests and the fields that match them. The inventory comprises items to be answered by the students of Grade 8 in terms of likes and dislikes for certain tasks or activities, which will help them to know their vocational interests and choose the vocation of their interest. Teachers and Counsellors can utilize the outcomes of the inventory to guide the students and to help them to choose their career path or vocation.
- **National Meeting-cum-Workshop for Alignment of Vocational Education from Higher Secondary Education to Higher Education:** During 2022-23, the Institute conducted a National Meeting-cum-Workshop for Alignment of Vocational Education from Higher Secondary Education to Higher Education. The meeting was attended by more than 500 participants including TVET administrators, policymakers, officials from various departments, researchers, academic professionals, representatives and experts from various Sector Skill Councils and national organizations, teachers, vocational trainers and other stakeholders.
- **National Consultation Meeting-cum-Workshop for Implementation of Vocational Education in Schools under *Samagra Shiksha* for the States:** The National Consultation Meeting-cum-workshop for Implementation of Vocational Education in Schools under *Samagra Shiksha* was organised at PSSCIVE, Bhopal from 27 to 28 February, 2023. The meeting was attended by 49 participants including State Officials of Directorate of School Education, Directorate of Vocational Education and Training, State Council of Educational Research and Training, Central and State boards, NGOs, etc.
- **Orientation Programme of Key Functionaries on NEP 2020 to Strengthen Vocational Education and Training in Schools:** During 2022-23, the institute organized 09 orientation programmes for the states of Uttarakhand, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Rajasthan, Bihar, West Bengal, North Eastern States, Gujarat, Maharashtra, Goa, Karnataka, Kerala, Tamil Nadu, Puducherry, Andhra Pradesh, Telangana, Odisha including one programme for Minority Institutions. In total, 532 key functionaries attended these programmes and benefitted.

- **Capacity Building Programme for Teachers on Employability skills for Vocational Education:** The Institute organises Capacity building programme for teachers on Employability Skills for vocational education for different regions of the country including North-eastern region. During the year 2022-23, the institute organized 04 capacity building programmes. Total 124 teachers attended the programmes and got benefitted.
- **Training programmes for developing Master Trainers on Vocational Pedagogy:** During 2022-23, the institute organized 10 training programmes for developing Master trainers on vocational pedagogy for the states of Uttarakhand, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Rajasthan, Bihar, West Bengal, North Eastern States, Gujarat, Maharashtra, Goa, Karnataka, Kerala, Tamil Nadu, Puducherry, Andhra Pradesh, Telangana, Odisha, Andaman & Nicobar Islands, Jammu & Kashmir and Lakshadweep. In total, 777 Teachers attended these programmes and got benefitted.
- **Teachers Training on Different Vocational Subjects (Job Roles) Implemented under Samagra Shiksha:** During 2022-23, the institute organized 06 training programmes for teachers of Job roles Automobile Technology, Animator & Texturing Artist, Apparel Made Ups and Home Furnishing, Retail, Health Care and two programmes for job roles of Agriculture sector. Total 187 teachers participated in these programmes and were acquainted with the latest technology and trends in the area of the concerned job roles of different sectors
- **Innovative Model of Vocational Education in Schools:** The Institute has taken up a project on Innovative Model of Vocational Education in Schools approved by the Samagra Shiksha Project Approval Board (PAB). Under this, Four Demonstration Multipurpose Schools (DMSs) of NCERT located in Ajmer, Bhopal, Bhubaneshwar and Mysuru and six schools affiliated to the State Boards of Madhya Pradesh, Tripura, Meghalaya, Rajasthan, Karnataka and Odisha have been included in the project. In Grades 9 to 12, specialised skills are being imparted to students in various sectors like Agriculture, Automotive, Beauty and Wellness, Electronics and Hardware, Information Technology - IT enabled Services, Retail and Tourism and Hospitality.
- **Diploma in Vocational Education and Training (DVET):** The Institute has started Diploma in Vocational Education and Training programme in distance mode. The first batch graduated this year and 40 Students from all over the country were awarded the Diploma on 21st January, 2022 in an online graduation ceremony.
- **Virtual Skill Labs:** In order to address the need to scale the availability of quality vocational education through online content and tools, the Ministry of Education (MoE) has entrusted the task of developing Virtual Skill Labs to PSSCIVE. In total, 75 Virtual Skill Labs for vocational courses in 10 sectors are in the process of development. These Virtual Skill Labs is a virtual environment that allows a student to perform activities through simulation, 3D animations, videos, etc. and pick up key components of a particular skill.
- **Awards:** The Institute has been felicitated with the “Green Skills Award 2021” by the European Training Foundation (ETF), Italy and “Innovative Trainers Award 2022” by Indian Society for Training & Development, New Delhi.
The Institute has been felicitated with the Late Shri A. N. Choudhary Memorial Award for the best Garden under the Education Institutions Category in Madhya Pradesh by Madhya Pradesh Rose Society, Bhopal.

Glimpses of Activities



Director's Visit in PSSCIVE



Training of Teachers in Agriculture Sector



Extension Lecture by Dr. Neeraj Saxena, Adviser, AICTE



Release of Research Report of Prof. V. S. Mehrotra



Teachers Training on Vocational Pedagogy



Orientation Programme for Key Functionaries



Training of DVET students



Teachers Training of Apparel Sector



Plantation by Director, NCERT



Shri P. Narahari, IAS, Secretary, MSME, Government of Madhya Pradesh during G20 National Conference



Visit of Finland Delegates in PSSCIVE



Training programme for Junior lecturers of Odisha



Dr. V. S. Mehrotra, National Consultation Meet



In Service Training for Vocational Teachers, West Bengal



Dr. P. Veeraiah taking Session on NEP 2020



Training Programme of Vocational Teachers

Team Leaders

Prof. Dinesh Prasad Saklani

Director
National Council of Educational
Research and Training
Sri Aurobindo Marg,
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Dr. Deepak Paliwal

Joint Director
PSS Central Institute of
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Programme Planning and Monitoring Centre (PPMC)

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Reach to PSS Central Institute of Vocational Education, Bhopal

Direction for reaching PSSCIVE, Bhopal from Raja Bhoj Airport, Bhopal



23 min (13.6 km) via Airport Rd and VIP Road

Direction for reaching PSSCIVE, Bhopal from Bhopal Station



16 min (6.4 km) via Lower Lake Rd

Direction for reaching PSSCIVE, Bhopal from Rani Kamlapati Station



14 min (7.4 km) via Main Rd 2





The Pandit Sunderlal Sharma Central Institute of Vocational Education (PSSCIVE) is an apex Research and Development organisation in the field of vocational education. It is a constituent unit of National Council of Educational Research and Training (NCERT), established in 1993 by the Ministry of Education (MoE), Government of India. It is also a UNEVOC (International Project on Technical and Vocational Education) Network in India.

The Institute has made significant contributions to vocational education in India. It is developing vocational curricula, textbooks, and digital resources, benefiting thousands of students and teachers. The Institute focuses on capacity building through training programmes for key officials of states/UTs and vocational teachers. PSSCIVE also conducts research projects to improve vocational practices. It is implementing an innovative model of vocational education in schools and developed guidelines for pre-vocational education and bagless days. PSSCIVE is involved in the development of Virtual Skill Labs and offers Diploma in Vocational Education and Training for professional development of teachers.



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