VOCATIONAL EDUCATION
Quarterly Bulletin: July to September 2018

PSS CENTRAL INSTITUTE OF VOCATIONAL EDUCATION
Shyamla Hills, Bhopal - 462013, (M.P.) INDIA
(a constituent unit of NCERT, under MHRD, Govt. of India)
Phone: 0755-2660691, Fax: 0755-2660481
Website: www.psscive.ac.in, E-mail: jdpsscive@gmail.com
Inside the Bulletin

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Content</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Message from Joint Director</td>
<td>01</td>
</tr>
<tr>
<td>02.</td>
<td>Major Activities conducted by the Institute during July to September, 2018</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A. Development Programmes</td>
<td>02</td>
</tr>
<tr>
<td></td>
<td>B. Training Programmes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C. PAB Activities</td>
<td></td>
</tr>
<tr>
<td></td>
<td>D. Other Activities</td>
<td></td>
</tr>
<tr>
<td>03.</td>
<td>Appointments, Joining and Farewell</td>
<td>12</td>
</tr>
</tbody>
</table>

PSSCIVE developed following Learning Outcome Based Curricula for the Vocational Subjects at Secondary and Higher Secondary Education for Job Roles approved by MHRD, under the NSQF.

Job Role for Class IX & X
Animal Health Worker
Dairy Worker
Paddy Farmer
Solanaceous Crop Cultivator
Vegetable Cultivation
Hand Embroiderer
Hand Embroiderer – Addawala
Sewing Machine Operator
Automotive Service Technician
Assistant Beauty Therapist
Assistant Mason
Field Technician-Other Home Appliances
Domestic Data Entry Operator
Store Operations Assistant
Cashier
Plumber – General
Consumer Energy Meter Technician
Unarmed Security Guard
Optical Fibre Splicer
Housekeeping Attendant- Manual Cleaning
Food and Beverage Service Trainee
Warehouse Packer
Multi Skill Technician

Job Role for Class XI & XII
Dairy Farmer / Entrepreneur
Floriculturist (Open Cultivation)
Floriculturist (Protected Cultivation)
Gardener
Tuber Crop Cultivator
Microirrigation Technician
Self Employed Tailor
Specialised Sewing Machine Operator
Automotive Service Technician
Beauty Therapist
Mason General
Field Technician – Wireman Control Panel
Installation Technician Computing and Peripherals
Jam, Jelly and Ketchup Processing Technician
Fruit Pulp Processing Technician
General Duty Assistant
CRM Domestic Voice
Domestic Biometric Data Entry Operator
Trainee Associate
Sales Associate
Plumber – General II
Distribution Lineman
Cable Jointer Electrical Power system
Optical Fibre Technician
Tour Guide
Customer Service Executive
Counter Sales Executive
Documentation Assistant
Warehouse Quality Checker
Shipment Query Handler
Texturing Artist
Roto Artist
Multi Skill Technician Course

www.psscive.ac.in
Dear Readers,

Greetings!

We welcome the second quarter of the Fiscal Year 2019 with confidence and pride as we remember the achievements and lessons brought by last quarter activities. We now move towards the continued implementation of relevant programs for the benefit of our stakeholders in the region.

One of the significant events of this quarter was the Silver Jubilee Celebration of the Institute. Anniversaries give us a moment to pause, to reflect, and to consider how we have spent our time. PSSCIVE, Bhopal, which was established in 1993, has blossomed into a leading vocational education institution – a name to reckon with not only in the national educational scenario, but also in the international arena. The Institution has evolved as a unique Institution where academia and co-scholastic activities are given equal importance. What distinguishes it, is not merely this harmonious blend of the sound academic inputs and cultural grounding, but also the fact that the alumni of our institution are the living examples of how a great institution can build vocational educators of substance, who are not only socially productive but also responsible citizens of our nation. It has been a magnificent journey. We are grateful to our stakeholders for their involvement and cooperation in this journey.

For the period of July to September, we have successfully organized nine development programmes, ten training programmes pertaining to the Orientation Programme for Key functionaries, Vocational Pedagogy training, and content updating Training for Vocational Teachers, respectively. The three PAB programmes, which were organized simultaneously with these events, is also a way to document the lessons, ideas and innovations presented by the participants of these programs. We are grateful for the experts’ and administrators involvement and cooperation in these events.

In addition to these activities, the celebration of the World Youth Skills Day highlighted the role of education and training as key determinants of success in the labour market. We are optimistic that through these activities, we are able to contribute significantly to the development of vocational education and training in various institutions.

The second quarter of the year 2019 witnessed numerous achievements of PSSCIVE that further strengthened its position as a trusted, effective organization for the development of vocational education and training. These programs continue to affirm PSSCIVE's reputation as a national institution that is capable of linking state departments/organizations with other institutions. These are necessary to continue our drive towards involving more vocational institutions towards an effective mechanism for improving quality of vocational education in the country.

The future of vocational education is bright as we connect people and ideas with the latest education and training practices, and put those ideas into action to solve the challenges and issues facing our society. PSSCIVE will continue to be proactive in meeting not only the targets, but also the high expectations of vocational education and training community and stakeholders.

Sincerely yours,

Rajesh P. Khambayat
Joint Director
PSSCIVE
Two Working Group Meetings were organized to revise and update curriculum of “Customer Care Executive (Meet and Greet Officer)” for Classes 9 to 12 from 2 to 6 July, 2018 at IHMCT, People’s University, Karond, Bhopal and 16 to 20 July, 2018 at PSSCIVE, Bhopal. Experts working in the field of “Travel and Tourism” were invited for the workshop. The curriculum of Customer Care Executive (Meet and Greet Officer) developed earlier for Class IX and X were shared with them. They were apprised of a communication from MHRD upgrading the said job role to class XI and XII. As such it was required that the curriculum of 95 hours developed for class IX and X was to be revised to a curriculum of 165 hours for Class XI and XII. National Occupation Standards (NOSs) of the job role were shared with them and the same along with performance criteria were perused and discussed in detail. The experts then developed draft curricula for 06 units. In the second meeting the draft units were finalized as per NOSs and performance criteria.

The curriculum of Customer Care Executive (Meet and Greet Officer) developed earlier for Class IX and X were shared with them. They were apprised of a communication from MHRD upgrading the said job role to class XI and XII. As such it was required that the curriculum of 95 hours developed for class IX and X was to be revised to a curriculum of 165 hours for Class XI and XII. National Occupation Standards (NOSs) of the job role were shared with them and the same along with performance criteria were perused and discussed in detail. The experts then developed draft curricula for 06 units. In the second meeting the draft units were finalized as per NOSs and performance criteria.

Experts working in the field of “Travel and Tourism” were invited for the workshop. The course of Vision Technician has been designed to train the para-opthalmic manpower for providing quality service to the society. During the course, students will have the knowledge of effective communication, identification of hazards and their management, they will also have knowledge of modern computers, alongside rules and regulation practiced in a vision clinic. Clinical duties include taking and recording vital signs, medical histories, preparing patients for examination, and dispensing ophthalmic prescription. Administrative duties include scheduling appointments and maintaining medical records. The basic requirements to be a Vision Technician are analytical skills, aptitude, good vision, coordination and self-disciplined. The work ethics, characterized by dedication and persistence and the ability to deal tactfully with patients are some of the essential qualities that one should possess to become a successful Vision Technician.

The curriculum of Customer Care Executive (Meet and Greet Officer) developed earlier for Class IX and X were shared with them. They were apprised of a communication from MHRD upgrading the said job role to class XI and XII. As such it was required that the curriculum of 95 hours developed for class IX and X was to be revised to a curriculum of 165 hours for Class XI and XII. National Occupation Standards (NOSs) of the job role were shared with them and the same along with performance criteria were perused and discussed in detail. The experts then developed draft curricula for 06 units. In the second meeting the draft units were finalized as per NOSs and performance criteria.

A working group meeting was held to develop training manual for vocational teachers of “General Duty Assistant and Vision Technician” 27 to 29 August, 2018 at PSSCIVE, Bhopal. The experts contributed to the development of the manual were from Institute of Health and Family Welfare, Ministry of Health, Mumbai, and Doctors from JP Hospital, Peoples General Hospital, Bhopal. The course of Vision Technician has been designed to train the para-opthalmic manpower for providing quality service to the society. During the course, students will have the knowledge of effective communication, identification of hazards and their management, they will also have knowledge of modern computers, alongside rules and regulation practiced in a vision clinic.

Clinical duties include taking and recording vital signs, medical histories, preparing patients for examination, and dispensing ophthalmic prescription. Administrative duties include scheduling appointments and maintaining medical records. The basic requirements to be a Vision Technician are analytical skills, aptitude, good vision, coordination and self-disciplined. The work ethics, characterized by dedication and persistence and the ability to deal tactfully with patients are some of the essential qualities that one should possess to become a successful Vision Technician.

A. Development Programmes विकास कार्यक्रम

Two Working Group Meetings were organized to revise and update curriculum of “Customer Care Executive (Meet and Greet Officer)” for Classes 9 to 12 from 2 to 6 July, 2018 at IHMCT, People’s University, Karond, Bhopal and 16 to 20 July, 2018 at PSSCIVE, Bhopal. Experts working in the field of “Travel and Tourism” were invited for the workshop. The curriculum of Customer Care Executive (Meet and Greet Officer) developed earlier for Class IX and X were shared with them. They were apprised of a communication from MHRD upgrading the said job role to class XI and XII. As such it was required that the curriculum of 95 hours developed for class IX and X was to be revised to a curriculum of 165 hours for Class XI and XII. National Occupation Standards (NOSs) of the job role were shared with them and the same along with performance criteria were perused and discussed in detail. The experts then developed draft curricula for 06 units. In the second meeting the draft units were finalized as per NOSs and performance criteria.

The curriculum of Customer Care Executive (Meet and Greet Officer) developed earlier for Class IX and X were shared with them. They were apprised of a communication from MHRD upgrading the said job role to class XI and XII. As such it was required that the curriculum of 95 hours developed for class IX and X was to be revised to a curriculum of 165 hours for Class XI and XII. National Occupation Standards (NOSs) of the job role were shared with them and the same along with performance criteria were perused and discussed in detail. The experts then developed draft curricula for 06 units. In the second meeting the draft units were finalized as per NOSs and performance criteria.

The experts contributed to the development of the manual were from Institute of Health and Family Welfare, Ministry of Health, Mumbai, and Doctors from JP Hospital, Peoples General Hospital, Bhopal. The course of Vision Technician has been designed to train the para-opthalmic manpower for providing quality service to the society. During the course, students will have the knowledge of effective communication, identification of hazards and their management, they will also have knowledge of modern computers, alongside rules and regulation practiced in a vision clinic.

Clinical duties include taking and recording vital signs, medical histories, preparing patients for examination, and dispensing ophthalmic prescription. Administrative duties include scheduling appointments and maintaining medical records. The basic requirements to be a Vision Technician are analytical skills, aptitude, good vision, coordination and self-disciplined. The work ethics, characterized by dedication and persistence and the ability to deal tactfully with patients are some of the essential qualities that one should possess to become a successful Vision Technician.
4. Development of Student Workbook of Apparel Made-Ups and Home Furnishing

Two Working Group Meetings for Development of Student Textbook of Apparel Made-Ups & Home Furnishing Course for class XII here organized from 25th-29th June and 23rd-27th August 2018 at PSSCIVE, Bhopal. Academicians and Experts from Industry and free lancers participated in the development of the textbook. The textbook covers topics like Style Interpretation, Drafting and Cutting of various garments and traditional textiles etc.

5. Working Group Meeting of Experts for Development of Guidelines and Scripts for Video Film on Awareness about Green Jobs

A Working Group Meeting of Experts was organized for development of Video Film for creating awareness on Green Jobs from 27th to 31st August, 2018 at PSSCIVE, Bhopal. Two video scripts on ‘Green Skills’ and ‘Green Jobs’ were developed in the working group meeting. These video scripts will be sent to the Central Institute of Educational Technology (CIET), NCERT, New Delhi for comments/suggestions. The video scripts will be finalized for video shooting on green skills and green jobs. The programme was coordinated by Prof. Vinay Swarup Mehrotra.

6. Working Group Meeting for Review and Finalisation of Tools for a Research Project

A Working Group Meeting of Experts for review and finalisation of tools for a the Research Project titled “Study of Perception of Vocational Teachers on the Effectiveness of Teaching Methods in Agriculture Vocational Subjects at Higher Secondary Schools of Haryana and Himachal Pradesh” was organized from 23rd to 24th August, 2018 at PSSCIVE, Bhopal. The draft questionnaires developed for conducting research on the perception of Vocational Teachers on the effectiveness of teaching methods in Agriculture vocational subjects at Higher Secondary Schools of Haryana and Himachal Pradesh were finalized in the working group meeting of experts. 04 experts from the field of Education and Statistics participated in the meeting. The working group meeting was coordinated by Prof. Vinay Swarup Mehrotra.

7. Working Group Meeting for Preparing Detailed Project Report of Retail Laboratory

The Working Group Meeting (WGM) for preparing Detailed Project Report(DPR) was organised at Department of Business and Commerce, PSS Central Institute of Vocational Education, Shyamla Hills, Bhopal from 03-07 September, 2018. In the WGM, 5 experts from Professional Institutions and Industries and 5 PSSCIVE Faculty members were participated. Layout and Design of Retail Laboratory, and content to be covered including for development of laboratory, such as introduction, need for development of retail laboratory, benefits of retail laboratory, layout of retail laboratory, requirements and estimated expenditure to create retail laboratory and tentative time budget for implementation of retail laboratory were discussed.
8. Orientation Programme on Design and Development of E-content

An Orientation Programme on Design and Development of E-content was organised at PSS Central Institute of Vocational Education from 24-28 September, 2018. In this programme 35 PSSCIVE Faculty and staff members participated. Four faculty and staff from Central Institute of Educational Technology (CIET) New Delhi were the Resource Persons. The faculty and staff of PSSCIVE were trained on developing e-content module, conduct the primary analysis of learning tasks and creating storyboards and for the topics, using tools for editing audio and video. After the orientation, they developed the script.

9. Development of Student Workbook of Apparel Made-Ups and Home Furnishing for class XII

A Working group meeting was organized from 27 to 31 August, 2018 at PSSCIVE, Bhopal for development of Student Workbook for Class XII of Apparel Made-Ups and Home Furnishing. The experts alongwith the coordinator of the meeting Dr. Pinki Khanna reviewed the work already done by the experts. Different units for the workbook of Class XII were finalised. The experts made some modifications in the curriculum of the course.

B. Training Programmes

1. Orientation Programme on Effective Implementation of Vocational Courses in Schools

An Orientation Programme for Key Functionaries and Teachers of Skill Mission under West Bengal Project was held from 31 Aug to 02 Sept, 2018 at the Directorate of Vocational Education (DVET), Kolkata. The programme was attended by 100 key functionaries which included Director, Joint Director, Deputy Director, Assistant Director, District Officer on Special Duty, Education Officer, Principal and Teachers from West Bengal. The Inugural Session was Chaired by Commissioner, School Education, and Secretary of Council of Secondary Education. The participants were oriented on National Skill Qualification Framework (NSQF), Competency Based Education & Training (CBET), National Occupation Standards (NOS), Competency Based Curriculum (CBC), Courseware, Competency Based Assessment, etc.

2. Training on Vocational Pedagogy for Teachers of Haryana State

The teachers training programme on vocational pedagogy was held at PSS Central Institute of Vocational Education, Bhopal, from 27 to 31, August, 2018. The programme was attended by 30 vocational teachers of Haryana state. During the programme lecture-cum-discussion session were held on vocational pedagogy. Lecture were taken on National Skill Qualification Framework (NSQF), Competency based Education and Training, Vocational Pedagogy, Domains of learning, General and Specific objectives, Role of Vocational Teachers, Learning Theories, Teaching and Learning process, Communication Skill, Teaching-learning aids, Evaluation and Assessments, Session Plan Preparation and Micro-teaching. Assignment was given to the participants on different topics. Every participant demonstrated micro-teaching and feedback were also given for further improvement. Pre and Post test were also taken, to assess the improvement in teaching skills.
3. National Training Programme in Automobile Technology related for Vocational Teachers of Rajasthan and Punjab States

A five days National Teacher Training programme for the teachers of Automobile Technology vocational course of Rajasthan and Punjab States was organized at PSSCIVE Bhopal from 4-8 August, 2018. About 30 teacher from Rajasthan and Punjab participated in the programme. The programme was inaugurated by Joint Director Prof. R. P. Khambyat. During training programme various topics on Automobile Technology like Auto-electrical, Mechatronic, Automation, Session planning, Assessment of Skill, Engine testing, were discussed. A field visit to Volkswagen and Skoda Showroom cum Workshop were made, in which new development related to automobile were shown and discussed. During valedictory Dr. Dipak Shuddalwar Head, Engineering and Technology distributed certificates to participants.

4. Orientation Programme of Key Functionaries of Maharashtra, Bihar, Jharkhand, Assam, Gujarat and Tripura on NSQF and its implementation

A three days orientation programme of Key-functionaries of Maharashtra, Bihar, Jharkhand, Assam, Gujarat and Tripura on NSQF and its implementation was conducted at PSSCIVE from 18 – 20 Sept 2018. The objectives of the programme were to acquaint the participants with various aspects of VET with specific emphasis on National Skill Qualification Framework (NSQF); to apprise the participants about various aspects of revised Centrally Sponsored Scheme of Vocationalization of Higher Secondary Education; to acquaint principals and key-functionaries on skill training and certification and to prepare an action plan for effective implementation of scheme. During the programme, the officials were apprised of the various aspects of the revised Centrally Sponsored Scheme of Vocationalization of Higher Secondary Education. The concept of NSQF along with skill training and certification therein was discussed in detail. The status of vocational courses in the state was presented by the respective State representative. Difficulties being faced in implementation were discussed in detail and experience shared among the states. The officials prepared on action plan for implementing VE scheme in their state. A total of 17 Key functionaries attended the programme : 3 from Maharashtra, 5 from Bihar, 2 from Jharkhand, 4 from Gujarat and 3 from Tripura.

5. Training for Vocational Teachers of Textile Designing Vocational Course

A Training Programme for Vocational Teachers of Textile Designing Vocational Course was organized from 04 to 08 September, 2018 at PSSCIVE, Bhopal. Inauguration of Training programme was held on 04 September 2018 at PSSCIVE, Bhopal. Prof. Pinki Khanna, the coordinator and experts informed the functions and activities of PSSCIVE and also presented programme brief. Technical sessions were taken by the coordinator and experts. Theory and practical sessions were organized in different areas of textiles Designing. Participants were taken for field visit to Bherugarh printing units, Ujjain and Crossroad Industry Indore where they could observe different processes of textile designing i.e. Plain Dyeing, Tie & Dye, Batik, Screen Dyeing.
6. Orientation Programme on Effective Implementation of Vocational Courses in Schools of Haryana State

The Orientation Programme for Key-Functionaries on effective implementation of Vocational Courses in Schools was organised in two phases. The first programme was organised for the State of Haryana from 10-12 Sept., 2018 at Pandit Sunderlal Sharma Central Institute of Vocational Education (PSSCIVE), Bhopal. In this programme 24 Principals/ State officials from Haryana participated. The second programme was organised for the states of Uttar Pradesh & Uttarakhand from 03 to 05 October, 2018 at PSSCIVE, Bhopal. In this programme, 27 Senior Vocational Teachers/ Principals participated. During these programmes lecture-cum-discussion session were held to bring-out the awareness about the National Skill Qualification Framework (NSQF). Lectures were delivered on the Role of PSSCIVE in implementation of NSQF, Vocational Education and its importance, Design and dimension of NSQF, Competency based Education and Training, Competency based Assessment and Challenges in implementation of NSQF. Participants shared the experience about implementation of NSQF. Participant developed action plan on effective implementation of NSQF. Feedback was also taken from the participants about the difficulties and further improvement in the implementation of the scheme. The programme was coordinated by Dr. R.K. Pathak.

7. Capacity Building of Key Resource Persons in Implementation of Scheme of Vocationalisation of Education under NSQF

A Capacity Building programme for Key Resource Persons in Implementation of Scheme of Vocationalisation of Education under National Skill Qualification Framework (NSQF) for the States and UTs of Orissa, Daman and Diu, and Pondicherry from 05 to 07 September, 2018 at PSSCIVE, Bhopal. Key functionaries from Odisha and Puddcherry participated in this programme. Key functionaries were State coordinator, Principal and Headmaster as well as NSQF Coordinator of both state. About 23 participants participated in this programme. Programme was inaugurated by I/C Joint Director, Prof. Mridula. Prof. Saurabh Prakash, Programme Coordinaror of this programme welcomed all the participants and informed about the aim and objectives of the programme. After inauguration, state officials presented status of NSQF. New Job roles in the area of Agriculture, Business and Commerce, Engineering, Health sector, Home Science were discussed by PSSCIVE faculty. Important topics like NSQF and its implementation, Assessment and Evaluation, Challenges in implementation of NSQF were discussed by Prof. Saurabh Prakash. A field visit was also made during the programme. Group work was done by participants. During valedictory, Prof Rajesh P. Khambayat, Joint Director shared the new challenges and development in field of Vocational Education. He distributed the certificate to the participants.
8. Training of Vocational Teachers of Engineering and Technology area in Developing Teaching Skills and Assessment Method for Pudducherry, Odisha and Daman and Diu

Training of Vocational Teachers of Engineering and Technology area in Developing Teaching Skills and Assessment Method was organised from 24-28 Sept., 2018 at PSSCIVE, Bhopal. Thirty two Vocational Teachers from West Bengal and Puducherry participated in this programme. Teacher of various engineering vocational trade from Automobile, Plumber, Construction, Electrical and Construction participated in the programme. The Programme was inaugurated by Joint Director, Prof. R.P. Khambayat, Prof. Saurabh Prakash, Programme Coordinator welcomed all the participants and informed about the aim and objectives of the programme. After inauguration, state officials presented status of NSQF. Topics Issue related to Pedagogy, Teaching Technique, Session plan, Evaluation Techniques in Class Room, Assessment plan, Development of MCQ, Development of Questions, Skill Testing, Preparation of various types of testing tools, Presentation and Discussion on testing tools by participants, Rubric Based assessment and preparation of rubric as well presentation and discussion on rubrics by participants were made. A local visit to the participant was also arranged. During valedictory Dr. Dipak Shuddalwar Head, Engineering and Technology distributed certificates to participants.

9. Orientation Programme on Effective Implementation of Vocational Courses in Schools of Telangana

An Orientation Programme on Effective Implementation of Vocational Courses in Schools of Telangana was organized from 24th to 28th Sept., 2018 at PSS Central Institute of Vocational Education (PSSCIVE), Bhopal. Four State Officials and twenty seven Principals from Schools of Telangana participated in the programme. The programme covered various aspects of VET, including New Trends in Vocational Education and Training, Vocationalisation of School Education under *SamagraShiksha*—(an Integrated Scheme for School Education), Role of different Departments and Agencies in Vocationalisation of School Education – MHRD, MSD&E, NSDA, NSDC, SSC, PSSCIVE, State Directorate, State Board, and VTP, Vocationalisation of School Education from Classes 6 to 12, Employability Skills, Domains of Learning and Instructional Methods, and Skill Assessment and Evaluation. Participants also comprehended their roles and responsibilities as State Officials and Principals for effective implementation of VEP in the State. Group work was done by the participants for preparing an Action Plan for bringing about necessary awareness on VE amongst the stakeholders and to effectively implement and monitor the various components of VEP.

10. Training on Vocational Pedagogy for Vocational Teachers of Goa

A Training Programme on Vocational Pedagogy was organized for the 57 Vocational Teachers of Goa, teaching vocational subjects in 10 sectors, namely Agriculture, Apparel, Beauty and Wellness, Tourism and Hospitality, Telecommunication, Healthcare, Logistics, Banking, Financial Services and Insurance, Media and Entertainment, and Electronics. Besides presentations and activities on the various aspects of teaching-learning, a demonstration on conducting a session on e-learning for teaching employability skills was also conducted during the training programme. The programme was coordinated by Prof. Vinay Swarup Mehrotra.
C. PAB Activities

1. WGM for review of textbook of Job Role “Specialized Sewing Machine Operator” for Class XI

A Work Group Meeting to review the textbook of the job role Specialized Sewing Machine Operator for class XI was organized from 20 – 24 August, 2018 at PSSCIVE, Bhopal. Prof. Harsha Jharia, Retired Vice Principal, LAD College, Nagpur, reviewed the textbook. This book mainly covers structures and operationalization of different types of Specialized Sewing Machine like, Button Hole Making Machine, Pico Machine and Interlock Button Tacking Machine.

2. Meeting under PAB project “Innovative Model of Vocational Education and Training in Schools

A meeting on the various aspects of the implementation of the Project on Innovative Model of Vocational Education in Schools, approved by the Project Approval Board (PAB), Samagra Shiksha, Ministry of Human Resource Development (MHRD), Government of India was held on 17th September, 2018 in the Committee Room of National Institute of Education (NIE), National Council of Educational Research and Training, New Delhi.

The meeting was chaired by Prof. H.K. Senapaty, Director, NCERT and was attended by Joint Director, PSS Central Institute of Vocational Education (PSSCIVE), Joint Director, Central Institute of Educational Technology, Faculty of National Institute of Education and PSSCIVE, State representatives from the Education Department of Madhya Pradesh, Meghalaya, Rajasthan, and Tripura, and Principals and Headmasters from Regional Institutes of Education (RIEs) of NCERT.

On his opening remarks Prof. Senapaty, informed the participants about the revised scheme of vocationalisation of secondary and higher secondary education under the Samagra Shiksha. He also apprised the participants that under the project, 10 schools have been selected to set up a model vocational education programme, which will impart training in two vocational subjects in a school, with a focus on the use of state of the art equipment and technology, linkages with the industry/institutions for training and additional learning hours for practical or skill development. He informed that the project will be implemented in 04 Demonstration Multipurpose Schools (DMSs) of NCERT located at Ajmer, Bhopal, Bhubaneshwar and Mysuru and 06 Schools identified by the State Education Department of Karnataka, Madhya Pradesh, Meghalaya, Odisha, Rajasthan, and Tripura.

Prof. R.P. Khambayat, Joint Director, PSSCIVE, Bhopal stated that the provision of additional 1000 learning hours from Classes IX to XII. In the main feature of the programme the meeting was coordinated by Prof. V. S. Mehrotra.

3. Development of Curriculum on Domestic Biometric Data Operator in IT-ITeS Sector for Class XI and XII

The workshop for development of curriculum on Domestic Biometric Data Operator for Class XI and XII in IT-ITeS is was conducted at PSSCIVE, NCERT, Bhopal from 4 to 8 September, 2018.

Five experts attended the workshop and contributed to the development of curriculum. While preparing the curriculum, basic knowledge components and skill components were considered. Advanced technologies in biometrics such as face recognition, thumb recognition and character recognition were introduced. The prepared draft copy of the curriculum was discussed among the experts. Appropriate leaning hours were decided for both theory and practical. The curriculum was developed in the prescribed format. The curriculum was presented to the Joint Director, PSSCIVE and his suggestions were incorporated.
D. Other Activities

1. Silver Jubilee Celebration of PSS Central Institute of Vocational Education

The PSS Central Institute of Vocational Education (PSSCIVE), a constituent unit of National Council of Educational Research and Training (NCERT) located at Bhopal celebrated its 25th Foundation Day on 5th July, 2018. To mark the beginning of the celebration, Blood Donation Camp, Quiz Competition, Drawing and Painting Competition and Planting of Saplings at the campus were organized on 4th July, 2018. Dr. Rajesh P. Khambayat, Joint Director, PSSCIVE inaugurated the programme by planting saplings at the PSSCIVE campus. All the faculty and staff members participated by planting more than 50 saplings. 24 students from Demonstration Multipurpose School of National Council of Educational Research and Training, Jawaharlal Nehru School, Army Public School, ShardaVidyapeeth, Bank Officers’ Public Higher Secondary School, Delhi Public School, Bal Bhawan School, All Saint School, Kopal Higher Secondary School, NHLP School, SCOPE Public School and St. Mont Fort School participated in the quiz competition. Drawing and painting competition on the theme of “Bhopal - City of Lakes” and “School Chale Hum” was organized in which 23 students participated from Demonstration Multipurpose School and NHLP School. The faculty and staff of the Regional Institute of Education (RIE) and PSSCIVE donated blood during the blood donation camp organized by the Blood Bank Unit of Gandhi Medical College, Bhopal. The blood donation camp was successfully conducted under the supervision of Dr. Nalok Banerjee and Dr. UM Sharma with his team.

On 5th July, 2018, the PSSCIVE celebrated 25 years of service and achievements by organizing a lecture session on “The Challenge of Skill Development in India” by an eminent economist and educationist Dr. Santosh Mehrotra, Professor of Economics, Centre for Informal Sector and Labour Studies, School of Social Sciences, Jawaharlal Nehru University, New Delhi.

Dr. N. Pradhan, Principal, Regional Institute of Education (RIE), Bhopal gave a special lecture and shared the initiatives taken up by the RIE and eco-friendly practices adopted by the Institute. Prof. S.Z. Haider, former Joint Director, PSSCIVE shared his experiences about the vocational education and training on the occasion. After his presentation, a video presentation was made on the journey of 25 years of service of PSSCIVE, Bhopal. Speaking on the occasion, the Chief Guest Prof. D.C. Gupta, Vice Chancellor, Barkatullah University, Bhopal congratulated PSSCIVE for completing 25 years of service to the nation and the contributions made by the Institute in the field of vocational education and training. He suggested that Yoga and meditation should be introduced at all stages of
education for self-development of students. He also suggested that the Universities should introduce vocational education programmes to reduce the mismatch between the demand and supply of skilled manpower and enhance the importance of qualification.

In the lecture session on the challenge of skill development in India, Prof. Santosh Mehrotra described the various skill levels and the challenges India is facing in implementing the skill development programmes, especially through the Public-Private Partnerships. Giving the examples of German model of Vocational Education and Training, he stated that the quality issues in India’s skill ecosystem need to be addressed through better coordination between the various agencies and effective implementation of policies and programmes at the ground level. To commemorate the Silver Jubilee year, a publication titled “Glorious Past to Inspiring Future” was released by the guests. In addition, the recent publications of PSSCIVE were released on the occasion and an exhibition of the publications of the Institute was also organized to showcase the contributions. A panel discussion on “Skilling for the New and Transforming India” was also organized during the celebration in which representatives from Lend-A-Hand India, Wadhwani Foundation and Sector Skill Councils participated as panelist. The panelist answered the questions asked by the students and other members of audience on the various aspects of skilling and vocationalisation of education in schools.

2. Celebration of World Youth Skills Day on July 16, 2018

The Institute celebrated World Youth Skills Day on July 16, 2018 at Ninad Auditorium of the Institute. More than 200 students, teachers, teacher educators, faculty and staff of PSSCIVE and Regional Institute of Education, Bhopal, representatives from Industry and Sector Skill Councils and students of Demonstration Multipurpose School, NCERT, Bhopal were present on the occasion.

A video film on the activities organized by the PSSCIVE as UNEVOC Network Centre in India was shown to the audience. It included the role played by the Centre in fostering international collaborations, partnerships and cooperation among TVET practitioners, civil society, local communities, researchers, policymakers and organisation of the training programmes for TVET practitioners. It also showcased the participation of the faculty in UNEVOC Electronic forum (E-forum) for exchange of information on various aspects of TVET.

A young entrepreneur Anubhav Dubey, who started food start-up in the name of “Chai Sutta Bar” at the age of 22 shared his experiences as a young entrepreneur. He informed that the Chai Sutta Bar is a chain of Tea and Coffee with the foremost priority to serve the authentic tea in superior quality and at a very affordable price in eco friendly cups. The tea or coffee is served in clay cups for promoting green consumerism.

A Debate competition on the topic “Vocational Education should be made Compulsory in Schools” was organized on the occasion. The vocational students of Demonstration Multipurpose School participated in the competition.

Skill based games were organized for the faculty and staff members of PSSCIVE in the afternoon session of the celebration of WYSD 2018.
4. Hindi Panchkatha Ka Aayojan


5. Curriculum Group Experts meeting

A meeting of the Curriculum Group Experts of Sikkim and Faculty of PSSCIVE on development of curriculum in Organic Farming for Class IX and X was held on 10th and 11th September, 2018 at PSSCIVE, Bhopal. The meeting was attended by (i) Dr. Rabin Chhetri, Director, SCERT, Sikkim, (ii) Ms Malati Rai, Dy. Director, SCERT, Sikkim, (iii) Ms Kabita Moktan – Dy. Director, Samagra Shiksha (Organic Farming), HRDD, Sikkim and the faculty of PSSCIVE. The purpose of the meeting was to discuss the modality to be adopted for developing the "Curriculum for Organic Farming", as the Human Resource Development Department (HRDD), Government of Sikkim has proposed to introduce "Organic Farming" as one of the vocational subjects in Government Schools of Sikkim from Class IX and X.

6. First meeting on Vocational Education in Schools under NSQF in Kerala

Prof. Rajesh P. Khambayat, Joint Director, PSS Central Institute of Vocational Education visited SCERT, Kerala on 8-9 August, 2018 to discuss with Honourable Education Minister, Hon. Secretary and Director, SCERT along with senior key officials for implementation of vocational education in schools of Kerala under NSQF. Prof. Khambayat delivered a lecture on Recent Trends in TVET and Role of Teachers in Teacher Training. Programme organised at SARGAALAYA Arts & Craft Village, Vadakara, Kozhikode, Kerala. The Joint Director presented curricula for 100 job roles and PSSCIVE Catalogue to Dr. Usha Titus, Secretary Higher Education, Kerala during the high power committee meeting.
### Appointments, Joining and Farewell

#### 1. Appointments:
The following Consultants, Junior Project Fellow and DTP Operators joined the Institute in different departments.

#### Consultants

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Area of Specialisation</th>
<th>Department</th>
<th>Date of Joining</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Shri Jayant Mishra</td>
<td>IT/ITeS</td>
<td>Engineering and Technology</td>
<td>16-07-2018</td>
</tr>
<tr>
<td>02.</td>
<td>Shri Avinash Kumar Singh</td>
<td>Civil Engineering</td>
<td>Engineering and Technology</td>
<td>17-08-2018</td>
</tr>
</tbody>
</table>

#### Junior Project Fellow

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Area of Specialisation</th>
<th>Department</th>
<th>Date of Joining</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Shri Dinesh Kumar Jayswal</td>
<td>IT/ITeS</td>
<td>Engineering and Technology</td>
<td>28-08-2018</td>
</tr>
</tbody>
</table>

#### Technical Staff

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Position held</th>
<th>Project Coordinator</th>
<th>Department</th>
<th>Date of Joining</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Shri Sunil Kumar Dudhe</td>
<td>System Analyst</td>
<td>Dr. Dipak Shudhalwar</td>
<td>Engg. and Technology</td>
<td>22-08-2018</td>
</tr>
<tr>
<td>02.</td>
<td>Shri Vivek Kumar Verma</td>
<td>Network Admin</td>
<td>Dr. Dipak Shudhalwar</td>
<td>Engg. and Technology</td>
<td>22-08-2018</td>
</tr>
<tr>
<td>03.</td>
<td>Shri Sudheer Kumar Arya</td>
<td>Programmer</td>
<td>Dr. Dipak Shudhalwar</td>
<td>Engg. and Technology</td>
<td>22-08-2018</td>
</tr>
<tr>
<td>04.</td>
<td>Ms. Pinki Tiwari</td>
<td>Graphic Designer</td>
<td>Dr. P. Veeraiah</td>
<td>Business and Commerce</td>
<td>22-08-2018</td>
</tr>
<tr>
<td>05.</td>
<td>Shri Vikas Kumar Kogey</td>
<td>Graphic Artist</td>
<td>Dr. P. Veeraiah</td>
<td>Business and Commerce</td>
<td>22-08-2018</td>
</tr>
<tr>
<td>06.</td>
<td>Shri Vishal Chourasiya</td>
<td>Visual Analyzer</td>
<td>Dr. P. Veeraiah</td>
<td>Business and Commerce</td>
<td>22-08-2018</td>
</tr>
</tbody>
</table>

#### DTP Operator

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Project Coordinator</th>
<th>Department / Cell</th>
<th>Date of Joining</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Mohd. Shafeeq</td>
<td>Dr. P. Veeraiah</td>
<td>Business and Commerce</td>
<td>22-08-2019</td>
</tr>
<tr>
<td>02.</td>
<td>Ms. Israt Khan</td>
<td>Dr. P. Veeraiah</td>
<td>Business and Commerce</td>
<td>28-08-2019</td>
</tr>
</tbody>
</table>

#### Computer Typist

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Project Coordinator</th>
<th>Department / Cell</th>
<th>Date of Joining</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Shri Akshay Sharma</td>
<td>Dr. V.S. Mehrotra</td>
<td>Curriculum Development &amp; Evaluation Cell</td>
<td>31-08-2018</td>
</tr>
</tbody>
</table>

#### 2. Joining

Smt. Victoria Minz joined the Institute as Under Secretary.

#### 3. Farewell

Sh. Anil Hirau, Section Officer (C&W) was given farewell on his transfer to Regional Institute of Education, Bhopal.
### Vocational Education

#### Student Text Books for Approved Job Roles in different Sectors of Vocational Education. Published by NCERT

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Sector</th>
<th>Name of the Job Role</th>
<th>Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>Common for All Sectors</td>
<td>Employability Skills</td>
<td>IX</td>
</tr>
<tr>
<td>02.</td>
<td>Agriculture</td>
<td>Solanaceous Crop Cultivator</td>
<td>IX</td>
</tr>
<tr>
<td>03.</td>
<td>Agriculture</td>
<td>Animal Health Worker</td>
<td>IX</td>
</tr>
<tr>
<td>04.</td>
<td>Agriculture</td>
<td>Dairy Farmer</td>
<td>XI</td>
</tr>
<tr>
<td>05.</td>
<td>Agriculture</td>
<td>Floriculturist (Open Cultivation)</td>
<td>XI</td>
</tr>
<tr>
<td>06.</td>
<td>Agriculture</td>
<td>Floriculturist (Protected Cultivation)</td>
<td>IX</td>
</tr>
<tr>
<td>07.</td>
<td>Apparels, Made Ups &amp; Home Furnishing</td>
<td>Hand Embroiderer (Addawala)</td>
<td>IX</td>
</tr>
<tr>
<td>08.</td>
<td>Apparels, Made ups &amp; Home Furnishing</td>
<td>Hand Embroiderer</td>
<td>IX</td>
</tr>
<tr>
<td>09.</td>
<td>Beauty &amp; Wellness</td>
<td>Assistant Beauty Therapist</td>
<td>IX</td>
</tr>
<tr>
<td>10.</td>
<td>IT/ITeS</td>
<td>Domestic Data Entry Operator</td>
<td>IX</td>
</tr>
<tr>
<td>11.</td>
<td>Plumber</td>
<td>Plumber</td>
<td>IX</td>
</tr>
<tr>
<td>12.</td>
<td>Retail</td>
<td>Cashier</td>
<td>IX</td>
</tr>
<tr>
<td>13.</td>
<td>Retail</td>
<td>Store Operations Assistant</td>
<td>IX</td>
</tr>
<tr>
<td>14.</td>
<td>Health Care</td>
<td>Vision Technician</td>
<td>XI</td>
</tr>
<tr>
<td>15.</td>
<td>Health &amp; Paramedical Science</td>
<td>General Duty Assistant</td>
<td>XI</td>
</tr>
<tr>
<td>16.</td>
<td>Private Security</td>
<td>Unarmed Security Guard</td>
<td>IX</td>
</tr>
</tbody>
</table>

All published student text books can be downloaded from [http://www.psscive.ac.in/stud_text_book.html](http://www.psscive.ac.in/stud_text_book.html)

### Distribution Centres of Publications of NCERT

1. Publication Division, NCERT Campus, Sri Aurovindo Marg New Delhi 110016
   Ph. 011-26562708, E-mail. cbm.ncert@nic.in
2. Regional Production-cum-Distribution Centre, Publication Division, NCERT, PO Navijvan, Ahemdabad 380014, Ph. 079- 27541446
3. Regional Production-cum-Distribution Centre, Publication Division, NCERT, Banashankari, Bangluru 560085, Ph. 080-26725740
4. Regional Production-cum-Distribution Centre, Publication Division, NCERT, CWC Campus, Kolkata 700114, Ph. 033-25530454
5. Regional Distribution Centre, NCERT, CWC Godown, Maligaon, Guwahati 781011 Ph. 0361-2674869
PSSCIVE celebrated its 25th foundation day on 5th July 2018

To, Book Post

If undelivered, Please return to:
PSSCIVE (NCERT)
Shyamla Hills,
Bhopal, 462 013, Madhya Pradesh, India

Published By:
JOINT DIRECTOR
PSS Central Institute of Vocational Education
Shyamla Hills, Bhopal - 462 013, Madhya Pradesh
Ph: +91-755-2660691, 2660651, 2704100, 2660564,
Fax: +91-755-2660481,
website: www.psscive.ac.in E-mail: jdpsscive@gmail.com