

Vocational Education

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DEVELOPMENT ACTIVITIES

Development of Modular Curricula on Air Transport

A working group meeting for the development of a modular competency based vocational curricula on Air Transport Management was organized from 29 December, 2009 to 2 January, 2010 at Transportation Planning and Research Centre (NATPAC), Thiruvananthapuram. The objectives of the programme were to: (i) study the feasibility of developing module on Air Transport; and (ii) develop and finalize modules on Air Transport. Fifteen participants comprise of academicians, representatives from industries and curriculum development experts participated in the workshop. First day discussion was made on feasibility of developing a competency based modular curricula on Air Transport sector. In the following days competencies required for carrying out various activities in Air Transport field in the present job market were identified then competency based modular curricula was developed. The programme was organized by Dr. R. Muthuraj, Senior Lecturer, Business and Commerce Division, PSSCIVE, Bhopal.

Conversion of Competency based Vocational Curriculum on Marketing and Sales Management in Modular Form

A working group meeting for conversion of competency based vocational curriculum on Marketing and Sales Management into modular form was organized from 4-8 January, 2010 at TSR and TBK Degree and P.G. College, Gajuwaka, Visakhapatnam. The objectives of the programme were to: (i) review the developed draft modules; (ii) edit and finalise the modules; and (iii) arrange modules course wise. In the meeting, five non-local and seven local experts from university departments, professional



Experts of the Working Group Meeting

institutions and industries participated. The experts reviewed the already developed draft modules, edited and finalized. They also developed four new modules for this course. The programme was coordinated by Dr. P. Veeraiah, Senior Lecturer, Business and Commerce Division, PSSCIVE, Bhopal.

Development of Competency Based Curriculum for Health Insurance Assistance Course in Modular Form

A working group meeting for development of curriculum was organized from 12-14 January, 2010 at auditorium of Max Super-specialty Hospital, Saket, New Delhi. The objectives of the programme were to: (i) review the types of job opportunities (wage and self) in the area of Health Insurance; (ii) identify competencies for each job in the area of Health Insurance; (iii) develop competency based vocational curriculum in modular form; and (iv) involve the accreditation agency for insurance sector, i.e., IRDA (Insurance Regulatory & Development Authority).

The programme was inaugurated by Capt. Sandhya Shankar, HOD Nursing of Max Health Care Institute. Resource persons from hospital of Delhi, Kerala, Punjab and Bhopal were involved

in preparation of the curriculum. Draft of the curriculum was prepared. The programme was coordinated by Dr. P.V. Prakasa Rao, Professor and Head, Health and Paramedical Division, PSSCIVE, Bhopal.

Development, Revision and Updating of Modular Curricula in the area of Early Childhood Care and Education (ECCE)

A working group meeting was organized from 18-22 January, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) develop competency based modular curricula in the identified areas of Early Childhood Care and Education i.e., Family, Home Care Centre Management, Infant and Toddler Management and Crèche Management; and (ii) revise and update the previously developed modular curricula i.e., Pre-school Management.

Draft of 22 competency based modules were prepared for discussion in the meeting. Ten subject experts participated in the meeting. The prepared modules were discussed and modified. It was also decided to design modules in packages to provide vertical as well as horizontal mobility to the students/ learners. It was decided that there would be five core modules and two optional modules in the first package which would be mandatory package.

The second package was based on Management of ECCE centres, having five modules. The third package was on Special Needs Assistance in ECCE setting having four modules and the fourth package was for Support Teacher having three modules. Each of the packages have been designed for six months duration to cater to the requirement of +2 level vocational courses. In addition to these, five short duration modules were also developed. The programme was coordinated by Dr. Suniti Sanwal, Reader, Home Science Division, PSSCIVE, Bhopal.

Development of Competency based Modular Curricula of Textile Designing (Phase I)

A working group meeting was organized from 1-5 February, 2010 at PSSCIVE, Bhopal. The objective of the programme is to develop modular curricula in the area of Textile Designing. Dr. Pinki Khanna, Programme Coordinator welcomed all the participants on behalf of PSSCIVE and told them need and scope of the development of competency based modular curricula of Textile Designing. She discussed background paper and explained the format for the development of competency based modular curricula. Prof. Mridula, Head, Home Science Division told concept of multi-entry and multi-exit vocational education and the importance of implementation of modular curricula and she guided the participants for the development of modular curricula. All participants worked in group and developed modular curricula of Textile Designing.



Experts of the Working Group Meeting

This draft material would be finalized in review meeting. Last day, experts and programme coordinator explained the final outcome to Head, Home Science Division. The programme was coordinated by Dr. Pinki Khanna, Reader, Home Science Division, PSSCIVE, Bhopal.

Development of Competency Based Curricula in Dairying

A working group meeting for development of competency based modular curricula in Dairying was organized from 15-19 February, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) enlist the modules of Dairying vocational course; (ii) identify the competencies and elements of the modules; and (iii) develop competency based modular curricula. Twelve experts from different places and institutions were invited out of which six experts were participated. In this meeting, detailed discussion was done on the identified module/ activities. On the basis of format and with the help of experts, element, relevant knowledge and performance criteria were developed and reviewed. Range statement, infrastructural requirement, collaborating institutions and materials required for modules were also discussed and incorporated. The programme was coordinated by Dr. R.K. Pathak, Reader, Agriculture Division, PSSCIVE, Bhopal. Dr. V.S. Mehrotra, Reader, Agriculture Division, PSSCIVE, Bhopal acted as resource person.

Design and Development of PSSCIVE Website, Phase I - Development of Design Document

On the basis of recommendations of workshop conducted from 18-20 February, 2009 at PSSCIVE, Bhopal and as per the requirement analysis performed in the workshop, the database design was done in-house at the institute level. The objective of the programme was to prepare a design document for website. To review the database design and organization flow of website, a workshop was organized from 17-19 February, 2010 at DCETA, NCERT, Delhi. Prof. Rajaram Sharma, Head, DCETA and the experts discussed about the design document of the

website as well as reviewed the database design. It was recommended to create the separate user for divisions to feed the information of the division at their level whereas the master information would be maintained by the web administrator. It was also recommended to form a editorial group for framing and reviewing the core contents of the website.

On the basis of framework, the coding, debugging and testing of the website will be done at institutes. The programme was coordinated by Shri Deepak D. Shudhalwar, Senior Lecturer (Computer Sc. & Engg.), Engineering and Technology Division, PSSCIVE, Bhopal.

Conversion of Competency based Modular Curricula in Post Harvest Technology (Phase II)

A working group meeting for development of competency based modular curricula in Post Harvest Technology was organized from 22-26 February, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) enlist the modules of Post Harvest Technology vocational course; (ii) identify the competencies and elements of the modules; and (iii) develop competency based modular curricula.

Ten experts from different places and institutions were invited out of which six experts were participated. In this meeting, detailed discussion was done on the identified module/ activities. On the basis of the format and with the help of the experts, elements, relevant knowledge and performance criteria were developed and reviewed. Range statement, infrastructural requirement, collaborating institutions and materials required for the modules were also discussed and incorporated. The programme was coordinated by Dr. Uadal Singh, Lecturer, Agriculture Division, PSSCIVE, Bhopal. Dr. R.K. Pathak, Reader, Agriculture Division, PSSCIVE, Bhopal acted as resource person.

Revision and Conversion of Competency based Modular Courses in Automobile Sector, Phase II

A working group meeting (WGM) was organized from 15-17 March, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) identify different occupations in automobile sector; (ii) revise and develop competency based curriculum for the occupations elected in this sector; and (iii) convert the curriculum in semester as well as in modular form.

Revised curriculum of Automobile Sector was reviewed and modified. Modules of Automobile Sector were finalized. Modules were categorized at different level and pre-requisite qualification was finalized. Classifications were made for semester system. The programme was coordinated by Shri Saurabh Prakash, Reader & I/c Head, Engineering and Technology Division, PSSCIVE, Bhopal.

Study of Vocational Course of Automobile Engineering Technology for Equivalence with ITI/Other System

A working group meeting was organized from 18-20 March, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) review the curriculum of Automobile Engineering Course of ITI/ other system; (ii) compare the curriculum component of ITI course with +2 vocational courses; and (iii) identify common list of theory and practical activities in both system of curriculum of Automobile Engineering Technology vocational course was compared with ITI course.

All the dimensions such as curriculum content, duration, subjects were reviewed. Comparative study was made. The programme was coordinated by Shri Saurabh Prakash, Reader and Head, Engineering and Technology Division, PSSCIVE, Bhopal.

Development of Modular Curricula in the area of Food Preservation and Processing

A working group meeting was organized from 15-19 March, 2010 at PSSCIVE, Bhopal. The objective of the programme was to develop competency based modular curricula in the area of Food Preservation and Processing. The participants were apprised of the need and justification for preparation of modular curricula in various vocational areas especially in view of the recommendations made by PSSCIVE to MHRD through the 11th Plan proposal of vocationalisation of education. The global practice of implementing vocational education in a modular mode was also discussed. In view of the mandate of MHRD and PSSCIVE, the draft curricula prepared in advance were discussed thoroughly. Job opportunities in the area of Food Preservation and Processing were noted and modules were developed catering to various job opportunities. In all, 11 modules have been developed totaling to a period of 33 months. Of these, 11 modules, a combination of 8 modules would lead to +2 certificate.

Modules have been developed keeping provision for multi-entry, multi-exit system of implementation also. Eligibility criteria for formal as well as non-formal learners has been also specified. The programme was coordinated by Dr. Mridula, Professor & Head, Home Science Division, PSSCIVE, Bhopal.

Development of Competency based Modular Curricula of Textile Designing (Phase-II)

A working group meeting (WGM) was organized to finalise the draft modular curricula in the area of Textile Designing from 22-26 March, 2010 at PSSCIVE, Bhopal. The objective of the programme was to finalise draft modular curricula in the area of Textile Designing. Seven experts participated in the WGM.

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Experts of the Working Group Meeting

First day, Programme Coordinator Dr. Pinki Khanna explained the format provided by the Institute for developing competency based modular curricula. Prof. Mridula, Head, Home Science Division discussed with the participants and guided them for finalization of the modular curricula. Participants discussed in groups the draft modular curricula of Textile Designing and finalized the same. Last day, experts and programme coordinator explained the final outcome to Head, Home Science Division. The programme was coordinated by Dr. Pinki Khanna, Reader, Home Science Division, PSSCIVE, Bhopal.

Development of District Vocational Education and Training Plan for Allahabad District of Uttar Pradesh

A visit to Allahabad was made in February, 2010 for the project entitled "Development of District Vocational Education and Training Plan for Allahabad District of Uttar Pradesh". The objective of the programme was to collect the relevant material and discuss with the district officials regarding future course of action. Interactions with various authorities such as principals, teachers and state officials were made

regarding implementation of existing vocational courses. Discussions were also made regarding existing employment scenario of Allahabad district, emerging occupations and present trends.

The programme was coordinated by Prof. Sharad Kumar, Head, Business & Commerce Division, PSSCIVE, Bhopal. Shri Saurabh Prakash, Reader and I/c Head, Engineering and Technology Division, PSSCIVE, Bhopal acted as resource person.

TRAINING ACTIVITIES

Skill Training Workshop for SUPW Teachers of Gandhinagar District of Gujarat

A workshop was organized from 4-8 January, 2010 at GSCERT, Gandhi Nagar, Gujarat. The objective of the programme was to provide experimental learning and skills training to the teachers of SUPW on activities related to work education/ vocational area such as Agriculture, Business and Commerce, Engineering and Technology, Health & Paramedical, Home Science, and Humanities, Science & Education.



Expert & Participants during Training Workshop

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Material prepared during Training

Five days activity related to SUPW from craft making, health related issues, environmental education, teaching with non-violence, group work activity on SUPW work and success stories were discussed. Planning of SUPW activities for schools were developed. The programme was coordinated by Shri Saurabh Prakash, I/c Head, Engineering & Technology Division, PSSCIVE, Bhopal.

Short-term Training Programme on Competency Based Training and Assessment for Vocational Teachers of Tribal Schools

The training programme was organized from 12-15 January, 2010 at SCERT, Raipur. The objectives of the programme were to: (i) raise awareness of the teachers on the need and importance of competency based training and assessment; (ii) explain the concept and principles of competency based training and assessment; and (iii) demonstrate the application of competency based training and assessment in teaching learning.

Programme was attended by vocational teachers/ instructors of Tribal schools of Chhattisgarh and Jharkhand States. During the

programme lectures-cum-discussion sessions were held to bring out awareness, need and importance of VET for ST community of the state. Lectures were also taken on competency based training and assessment, School Industry Linkage (SIL), On-the-Job Training (OJT) and Establishment of Production-cum-Training Centre (PTC) in the school. During the programme discussion was made with the teachers about status of ST students and the difficulties concerning VET in the state. For group work activities were identified by the participants and performance criteria were prepared. Participants had discussion with the other members also at the time of presentation. The programme was coordinated by Dr. Rajiv Kumar Pathak, Reader, Agriculture Division, PSSCIVE, Bhopal. Dr. V.S. Mehrotra, Reader, Agriculture Division, PSSCIVE, Bhopal acted as resource person.

Training of Vocational Teachers to facilitate Personality Development of Vocational Students of Scheduled Caste Category

A training programme for vocational teachers was organized from 1-5 February, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) impart knowledge, sharpen skills and orient attitude of vocational teachers on some aspects of personality development; (ii) create an awareness in the participants with regard to different aspects of interpersonal relationship and conflict management; (iii) clarify the concepts related to performance appraisal; (iv) empower participants to be better communicators by providing them relevant inputs and also sharpening their skills; and (v) familiarize the participants with the knowledge regarding various causes of stress, types of stress and above all various stress management strategies.

Programme was attended by those vocational teachers/ instructors who were

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Interaction between Resource Person and Participants during the Programme



PSSCIVE Faculty with the Participants of the Training Programme

working for vocational students of Scheduled Caste category in different states. Lecture-cum-discussion sessions were organized for personality development. Visit has been arranged to Munshi Husain Khan Institute, Bhopal. For group work tasks have been assigned to the participants. They prepared action plans for personality development of the students on the basis of daily, weekly, monthly,

quarterly and yearly activities and presented the action plans. The programme was coordinated by Dr. Uadal Singh, Lecturer, Agriculture Division, PSSCIVE, Bhopal. Dr. Asfa M. Yasin, Reader and I/c Head and Dr. R.K. Pathak, Reader, Agriculture Division, PSSCIVE, Bhopal acted as resource persons.

EXTENSION ACTIVITIES

Fourth Orientation Programme in Vocational Guidance for Girl Students of Class X through Distance Mode

The fourth orientation programme in the series was conducted specially to help vocational students of Classes XI and XII and students of Class X in their further career planning. The objectives of the programme were to: (i) render vocational guidance services to girl students to help them in career planning.



Resource Persons from PSSCIVE, Bhopal

The programme was conducted through the studio of National Centre for Human Settlements and Environment (NCHSE), Bhopal on 12 January, 2010 at Bhopal. Four hundred twenty five students and their teachers were benefited

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by the programme received at nine centres in Hoshangabad (Hoshangabad, Bankhedi, Piparia, Seoni Malwa and Sohagpur) and Ujjain Districts (Barnagar, Ujjain, Khachrod and Mahidpur).

After welcome by the Honorary Programme Director, Shri Vivek Saraf, Director (System), the Programme Coordinator, Dr. Kiran Mathur oriented the participants about objectives of the programme and the need for career planning and goal setting. Vocational area-wise discussions were held on six areas of vocational education viz., Agriculture, Business & Commerce, Engineering & Technology, Health & Paramedical, Home Science, and Humanities Science and Education by the PSSCIVE faculty and outside expert.



Students at the EDUSAT Classroom

The resource persons made power point presentations for orientation of students. Several questions related to further education and training, placement and self employment were asked by the students and teachers in the last session.

The resource persons answered all questions. Feedback from each centre was also taken. The students suggested that such programmes should be organized in schools so that more students would be benefitted.

One Day Career Orientation Camp on Entrepreneurship for Senior Secondary Students (Programme V)

Career orientation camp was organized on 22 January, 2010 at Ahmedabad. The objectives of the programme were to: (i) motivate youth for selecting entrepreneurship (self employment) as career option; (ii) help in changing the attitude of students regarding entrepreneurship and provide them information about available opportunities in the area of self employment and introduce them about those organizations who support for establishment of enterprises; and (iii) present a model of "One Day Entrepreneurship Orientation Camp" amongst schools, teachers and principals and encourage them for active participation for eradication of unemployment.



Programme inaugurated by Prof. Pradyumna Vyas, Director, National Institute of Design, Ahmedabad

The programme was inaugurated by Prof. Pradyumna Vyas, Director, National Institute of Design, Ahmedabad and chaired by Shri Rathore, DEO, Ahmedabad. In the inaugural session, Prof. Vyas elaborated three principles of success i.e., sincerity, innovativeness and optimism. During the programme various topics related to entrepreneurship as career were

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discussed with the participants (students, teachers & principals). During the programme Dr. V.K. Jain, Programme Coordinator talked on the topic, "Discover Successful Entrepreneur Within You" by using multimedia presentation. Shri Dinesh Korjan, Managing Director, Studio Korjan and Shri Kalpeshbhai Bhavsar, Proprietor, Chasma Ghar narrated their success stories as first generation entrepreneur for motivating the participants of the programme.

Shri Kamal Tailor, Project Manager, DIC, Ahmedabad provided information related to career opportunities in different vocations and he also provided information about Prime Minister Rojgar Yojana (PMRY). The programme was highly appreciated by the participants.



Participants of the Programme

During the programme, many teachers and principals promised that they would conduct these types of activities for promoting entrepreneurial culture amongst vocational students. The programme was coordinated by Dr. V.K. Jain, Reader and I/c Head, Humanities Science and Education Division, PSSCIVE, Bhopal.

One Day Career Orientation Camp on Entrepreneurship for Senior Secondary Students (Programme VI)

Career orientation camp was organized on 29 January, 2010 at Aurangabad. The objectives of the programme were to: (i) motivate youth for selecting entrepreneurship (self employment) as career option; (ii) help in changing the attitude of students regarding entrepreneurship and provide them information about available opportunities in the area of self employment and introduce them about those organizations who support for establishment of enterprises; and (iii) present a model of "One Day Entrepreneurship Orientation Camp" amongst schools, teachers and principals and encourage them for active participation for eradication of unemployment.



Shri D.N. Dharudkar, Chief Guest of the Programme and Managing Director, NAC Group, Aurangabad addressing the participants

The programme was inaugurated by Shri D.N. Dharudkar, Managing Director, NAC Group, Aurangabad and chaired by Shri A.N. Ninale, DVEO, DVET, Aurangabad. During the programme various topics related to

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entrepreneurship as career were discussed with the participants (student, teachers & principals). In the programme, Dr. V.K. Jain, Programme Coordinator talked on the topic, "Discover Successful Entrepreneur Within You" by using multimedia presentation.



Dr. Vipin Kumar Jain, Programme Coordinator addressing the participants

Shri Kailash Salve, Managing Director & Vocational Entrepreneur, Prime Group, Aurangabad and Shri Khalinkar N.B., Entrepreneur, Devi Lakshmi Apt., Aurangabad narrated their success stories as first generation entrepreneur for motivating the participants of the programme. Shri Sudam Thode and Shri D.V. Mulay, Regional Officer, MCED, MSFC, Aurangabad provided information related to career opportunities in different vocations. Experts from Lead Bank Shri Satish K. Ved, Senior Manager, State Bank of India, Aurangabad provided detailed information regarding different schemes for self employment promotion and preparation of loan proposal. The programme was highly appreciated by the participants. During the programme, many teachers and principals promised that they will conduct these types of activities for promoting entrepreneurial culture amongst vocational students. The programme was coordinated by

Dr. V.K. Jain, Reader and I/c Head, Humanities Science and Education Division, PSSCIVE, Bhopal.

Fifth Orientation Programme in Vocational Guidance for Girl Students of Class X through Distance Mode

The fifth orientation programme in the series was conducted specially for girl students of class X to help them in their further career planning. The programme was conducted through the studio of National Centre for Human Settlements and Environment (NCHSE), Bhopal on 4th February, 2010. The objective of the programme was to render vocational guidance services to girl students to help them in career planning. Four hundred and twenty girl students and their teachers participated in the programme. The programme was received at 8 centres in Hoshangabad (Bankheddi, Piparia and Sohagpur) and Ujjain (Tarana, Barnagar, Ujjain, Khachrod and Mahidpur) districts. At the outset of the programme, the Honorary Programme Director, Shri Shri Vivek Saraf, Director (System), NCHSE, Bhopal welcomed the students and their teachers present at the Village Resource Centres (VRCs) and resource persons in the studio. After welcome address, the programme coordinator, Dr. Kiran Mathur told about the



Resource Person from PSSCIVE, Bhopal

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objectives of the programme and the topics to be discussed by the subject experts during the sessions. She also discussed the need for career planning and goal setting. The resource persons (PSSCIVE faculty and outside experts) through power point presentations told about the opportunities available at +2 level and also in the Polytechnic Institutions in six areas of vocational education viz., Agriculture, Business & Commerce, Engineering & Technology, Health & Paramedical, Home Science, and Humanities Science and Education. The students and teachers asked questions to the resource persons which were answered by them. Feedback from each centre was taken. The teachers suggested that such programmes should also be conducted for the parents as the career decision of their children is influenced by the parents. The programme was coordinated by Dr. Kiran Mathur, Reader, Humanities Science and Education Division, PSSCIVE, Bhopal.

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One Day Career Orientation Camp on Entrepreneurship for Senior Secondary Students (Programme VII)

The programme was organized on 20 February, 2010 at Mangaldai, Assam. The objectives of the programme were to: (i) motivate youth for selecting entrepreneurship (self employment) as career option; (ii) help in changing the attitude of students regarding entrepreneurship and provide them information about available opportunities in the area of self employment and introduce them about institutions who support for establishing enterprises; and (iii) present a model of "One Day Entrepreneurship Orientation Camp" amongst schools, teachers and principals and encourage them for active participation for eradication of unemployment.

The programme was inaugurated by Shri Dhruba Hazarika, Department Commissioner, Dorang District, Assam. During the programme various topics related to entrepreneurship as

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career were discussed with the participants (students, teachers & principals). In the programme Dr. V.K. Jain, Programme Coordinator discussed on, "Discover Successful Entrepreneur Within you" by using multimedia presentation. Shri Pankaj Kumar Sharma, Managing Director, Rhino Industry and Shri Diganta Kumar Deka, an Entrepreneur narrated their success stories as first generation entrepreneur for motivating the participants of the programme. Shri Pankaj Kumar Goswami, Functional Manager, District Industries Centre provided information related to career opportunities in different vocations and about supporting agencies for entrepreneurship development. Experts from Lead Bank Shri B.N. Deka, Lead District Manager, UCO Bank provided detailed information regarding different schemes for self employment promotion and preparation of loan proposal. The programme was highly appreciated by the participants. In the programme many teachers and principals promised that they will conduct these types of activities for promoting entrepreneurial culture amongst vocational students and more than 25 students were given their feedback in the valedictory session that they would make their career as an entrepreneur. The programme was coordinated by Dr. Vipin Kumar Jain, Reader & I/c Head, Humanities Science and Education Department, PSSCIVE, Bhopal.

Academic Enrichment Lecture Series

Second academic enrichment lecture was organized on 15th March, 2010 at PSSCIVE (NCERT), Bhopal. The objectives of the programme were to: (i) enrich target group with knowledge and information provided by eminent educationists; and (ii) create a learning environment in academic organizations especially PSSCIVE and RIE, Bhopal. Dr. Kumudni Sharma, Retired Professor, Academy of



Dr. Kumudni Sharma, Retd. Professor, Academy of Admin., Bhopal and PSSCIVE Faculty at the Dias

Administration, Bhopal was invited to deliver a lecture on "Training Skills required for Trainers in Vocational Education". Faculty & staff members of PSSCIVE, Bhopal participated in the programme. All the participants gain knowledge and information regarding training skills required in vocational education and actively participated in lecturer-cum-discussion.



Participants during the Lecture Session

The programme was coordinated by Dr. P. Veeraiah, Senior Lecturer, Business and Commerce Division, PSSCIVE, Bhopal. Dr. R.K. Pathak, Reader, Agriculture Division, and Dr.

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Pinki Khanna, Reader, Home Science Division acted as resource persons. Shri Vijay Vyas and Shri Durgesh Kumar Satankar, Shri Ganesh Iyer, Smt. Mamta Varshney, Smt. Manisha Katolkar and Shri Sandeep Chanda were the team members.

Design, Development & Evaluation of Software on Question Bank (Phase IV) - Orientation of Teachers to use it

A programme was organized to orient the teachers towards using the software on Question Bank from 15-18 March, 2010 at Goa Board. The objective of the programme was to orient the teachers to use the web applications on question bank, after completion of the development of the web based software on question bank.

The programme was planned for the teachers of Computer Technique vocational course, 21 teachers attended the programme. The Chairman, Goa Board addressed the issues of National Curriculum Framework (NCF), 2005 on continuous and comprehensive evaluation in the inaugural session. In this programme, teachers were acquainted with the features of the software and its application for online testing of vocational students which would help in continuous evaluation process followed by the Goa Board.

The teachers took keen interest in understanding the features of the software as well as to use it on their students. The teachers took interest and asked their doubts and queries for installing it in their labs.

In the valedictory session, the Chairman and the Secretary, Goa Board appreciated the application developed for online testing of the students and urged the teachers to use it for internal evaluation.

The programme was coordinated by Shri Deepak Shudhalwar, Senior Lecturer (Computer Sc. & Engg.), Engineering and Technology Division, PSSCIVE, Bhopal.

Capacity Building Programme on Vocational Education for the Key Functionaries of North Eastern Region

The capacity building programme on vocational education for key functionaries of North Eastern Region was organized from 18-20 March, 2010 at Conference Hall, Directorate of Secondary Education, Assam. The objectives of the programme were to: (i) discuss need and importance of vocational education for North Eastern region; (ii) provide a forum to the participants to share their experiences in effective implementation of VEP in their respective states; (iii) develop strategies and action plan on vocational education programme in North Eastern states.



Participants of the programme

Twenty one key functionaries from Arunachal Pradesh, Assam and Meghalaya states were participated in this programme. They were oriented on various aspects of vocational education. Apart from lecture-cum-discussion, participants were divided into three groups and allotted topics/ issues related to vocational education programme for group discussion, their observations and comments. The group leaders made presentation of the group work. During the presentations, suggestions given by the other

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participants were incorporated. Participants were very happy that they could be oriented on aspects and issues regarding better implementation of vocational education programme. They were very much enthusiastic to implement the vocational education programme in better way in their respective states. The programme was coordinated by Dr. P. Veeraiah, Senior Lecturer, Business and Commerce Division, PSSCIVE, Bhopal. Dr. Pinki Khanna, Reader, Home Science Division acted as resource person.

RESEARCH AND EVALUATION ACTIVITIES

Tracer Study of Vocational Pass-outs of Crèche and Pre-school Management Course in State of Maharashtra and Andhra Pradesh

After receiving the mailed questionnaire from the vocational pass outs, a face-to-face interaction was held with the vocational pass-outs of Crèche and Pre-school Management course of last five years. Two interaction were planned - one each in Mumbai and Pune on 15th March and 17th March, 2010 respectively.

The objectives of the programme were to: (i) study the curriculum relevance for employment in the industry; (ii) study the employment transition and professional career; (iii) study the opportunities for vertical mobility; (iv) suggest strategies for bringing about improvement in the employment status of vocational pass-out; and (v) compare the vocational pass-outs of Maharashtra and Andhra Pradesh state.



Participants filling up Tracer Study Questionnaire

A total of 53 vocational pass-outs and their teachers from three colleges in Mumbai attended the programme. The questionnaires were filled and interaction was held.

In Pune, the programme was attended by 69 vocational pass-outs and their teachers from three colleges. The feedback of the vocational pass-outs was taken regarding the course, present employment and difficulties faced in finding employment or vertical mobility. The major problems highlighted were - (i) lack of awareness about Minimum Competency based Vocational Courses (MCVC), (ii) the nomenclature "Crèche and Pre-school Management" has limited acceptance with the employers as they are looking for a person trained in "Early Childhood Care and Education",



Dr. Deepa Sharma, Principal, T.S. Bafna College, Mumbai Addressing the Participants

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Dr. Veena Sant, Principal, S.N.D.T. College of Home Science, Pune Interacted with the Participants



Participants filling up Tracer Study Questionnaire

(iii) The MCVC pass-outs are not eligible to take admission in Diploma in Education (D.Ed.) and Diploma in Art & Craft Teacher (ACT) whereas the entry qualification for these two courses is +2 pass. The programme was coordinated by Dr. Suniti Sanwal, Reader, Home Science Division, PSSCIVE, Bhopal.

Evaluation of Social Science Book of Class IX for Integration of Concept of Work Centered Education (WCE)

A working group meeting was organized from 18-21 January, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) review the science book of class VIII from the point of view of integration of work centered education; (ii)

identify relevant activities/ productive work related to the concept of work centered education; (iii) recommend for integration of activities in the chapters of science book; and (iv) implications for teacher preparation. In working group meeting, the social science book of class IX was reviewed from the point of view of integration of work centered education. Relevant activities/ productive work related to the concept of work centered education were identified and listed. Recommendations for integration of activities in the chapters of social science book were made. The programme was coordinated by Prof. Sharad Kumar, Professor and Head, Business and Commerce Division, PSSCIVE, Bhopal. Shri Saurabh Prakash, Reader & I/c Head, Engineering & Technology acted as resource person.

Evaluation of Science Book of Class VIII for Integration of Concept of Work Centered Education (Phase-I)

A working group meeting was organized from 18-21 January, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) review the science book of class VIII from the point of view of integration of work centered education; (ii) identify relevant activities/ productive work related to the concept of work centered education; (iii) recommend for integration of activities in the chapters of science book; and (iv) implications for teacher preparation.

Review of the science book of class VIII from the point of view of integration of work centered education was done. Relevant activities/ productive work related to the concept of work centered education were identified and listed. Recommendations for integration of activities in the chapters of science book were made. The programme was coordinated by Shri Saurabh Prakash, Reader & I/c Head, Engineering and Technology Division, PSSCIVE, Bhopal.

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Evaluation of Science Book of Class VII for Integration of Concept of Work Centered Education

A working group meeting was organized from 18-22 January, 2010 at PSSCIVE, Bhopal. The objectives of the programme were to: (i) review the science book of class VII from the point of view of integration of work centered education; (ii) identify relevant activities/ productive work related to work centered education concept; (iii) recommend for integration of activities in the chapters of science book; and (iv) identify implications for teacher preparation.

The experts from the various institutes imparting work centered education and teaching science subject were identified and invited. The science book of class VII was reviewed from the point of view of integration of work centered education. Identified/ developed relevant activities/ type of productive work and made recommendations for integration of activities in the book. The programme was coordinated by Dr. Uadal Singh, Lecturer, Agriculture Division, PSSCIVE, Bhopal. Dr. Asfa M. Yasin, Reader and I/c Head, Agriculture Division, PSSCIVE, Bhopal was involved as resource person.

Evaluation of Science Book of Class VII for Integration of Concept of Work Centered Education (Phase-II)

A working group meeting was held at PSSCIVE, Bhopal from 25-29 March, 2010 for evaluation of the science book of Class VII for integration of concept of work centered education. The objectives of the programme were to: (i) review

the science book of class VII from the view point of integration of work centered education; (ii) identify/ develop relevant activities/type of productive work; (ii) make recommendations for integration of activities in the book; and (iv) identify implications for teacher preparation. Total 12 experts from different places and institutions were invited out of which eight experts were participated.



Experts of the Working Group Meeting

In this meeting, detailed discussions were done on the identified/ suggested activities and reviewing of the book. Experts identified/ developed relevant activities/ type of productive work and make recommendations for integration of activities in the book. The programme was coordinated by Dr. Uadal Singh, Lecturer, Agriculture Division, PSSCIVE, Bhopal. Dr. Asfa M. Yasin, Reader and I/c Head, Agriculture Division, PSSCIVE acted as resource person of the programme.

The way to develop Self-confidence is to do the things you fear to do and get a record of a successful experience behind you.

Dale Carnegie

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Kind Attention Please

Vocational Teachers/Lecturers are requested to send the success stories related to the placement of vocational pass-outs, school-industry linkage, production-cum-training centre and on-the-job training for publication in the bulletin. This will motivate others for promotion of vocational education.

The Quarterly Bulletin on Vocational Education is published four times each year as a print version. This is the last quarter issue from January-March, 2010. We solicit cooperation of the readers in sending us the news and views on Vocational Education for publication in the bulletin. Your feedback and suggestions would be useful in bringing about improvements in the bulletin.

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