

परिषद् की कार्यक्रम सलाहकार समिति की 49वीं बैठक का
कार्यवृत्त

*Minutes of the 49th Meeting of the Programme Advisory
Committee (PAC) of NCERT*

16-17 मार्च 2012

16-17 March 2012

योजना कार्यक्रम अनुवीक्षण एवं मूल्यांकन प्रभाग

राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्

श्री अरविन्द मार्ग, नई दिल्ली

Planning Programming Monitoring & Evaluation Division

National Council of Educational Research and Training

Sri Aurobindo Marg, New Delhi

**National Council of Educational Research and Training
New Delhi**

**Minutes of the 49th Meeting of the Programme Advisory Committee (PAC)
of NCERT held on 16-17 March 2012**

The 49th meeting of the Programme Advisory Committee (PAC) of National Council of Educational Research and Training (NCERT) was held on 16th and 17th March, 2012 in Room No.202, CIET Building, NCERT, New Delhi. The meeting was chaired by Prof. Parvin Sinclair, Director, NCERT. The list of persons who attended the meeting is placed at Annexure - 1.

The meeting commenced with a word of welcome by Prof. A.K. Srivastava, Head PPMED. He informed the members that it is a newly constituted PAC for a period of three years. He also mentioned about the constitution and functions of PAC. He informed the members that programme proposals put up by NCERT constituents for consideration of the PAC have been earlier recommended by different committees, such as Departmental Advisory Boards and Academic Committee in case of NIE departments, Institutes Advisory Boards in case of CIET and PSSCIVE, and Institutes Advisory Boards and Management Committees in case of RIEs. He also mentioned that out of 10 crore rupees allocated for conducting programmes during the year 2011-12, approximately 9.4 crore were utilized by the end of February 2012.

Prof. B.K. Tripathi, Joint Director, NCERT and Vice-Chairperson PAC, mentioned that the PAC is the apex advisory committee of the council which considers programmes related to the objectives of the Council and thrust areas of school education. Every year, all the faculties conduct discussions and come out with programme proposals. Once the programmes are developed and proposed, it goes to the DABs and the IABs of the departments / institutes for suggestions and approval. He also mentioned that the Regional Institutes of Education identify the needs of the states and come up with suitable programmes and proposals. Taking all aspects into consideration, the PAC would examine the programmes in the final round of discussion. While considering the programmes, the PAC would also take care of the financial and human resources, the challenges face by the school education and the target that can be completed within the next 12 months.

Prof. Parvin Sinclair, Director NCERT and Chairperson PAC, in her initial remarks, observed that the most important aspects related to the conduct of programmes is availability of finance. This year there has been sharp cut in the plan budget. Nonetheless, the budget allocation to schemes such as SSA, RMSA, and Teacher Education has gone up and we should make efforts to get funds for our programmes from these schemes as well as from State governments. The Director further observed that one-third of the faculty at any given point need to go to the field for gaining first hand experience of the school reality. The Council is developing guidelines for field work which will be circulated shortly. Keeping these points in view, the programmes of the NIE Departments were discussed thoroughly in the Academic Committee and recommendations were made. The programmes of other constituents also need to be discussed accordingly. Director further observed that the third criteria for discussion should be to avoid duplication in the programmes of different

constituents, as PAC is the body where we have access to the programmes of all the constituents.

Thereafter, the PAC took the item-wise agenda for discussion. The details of the discussion are given below:

Agenda 1: To confirm the minutes of the 48th PAC meeting held on 8-9 March 2011
The minutes were confirmed.

Agenda 2: To report the action taken on the minutes of the 48th PAC
The actions taken were noted.

Agenda 3: To ratify the programmes approved by Chairperson, PAC since 48th meeting
The PAC ratified the following programmes, approved by the Chairperson, PAC:

1. A study of Innovations in Education at Selected Associated Centres of APEID in India.
2. Common Curriculum in Commerce
3. Common Curriculum in Economics
4. First Meeting of the Committee on Quality in School Education
5. Celebration of National year of Mathematics

Agenda 4: To consider and recommend the programme proposals of NIE departments at New Delhi.

Prof. Hukum Singh, Dean (Academic) presented the programme proposals of NIE Departments, which were earlier recommended by the Academic Committee. The Department-wise recommendations of the programme proposals of PAC for 2012-13 are given below:

Department of Elementary Education (DEE)

The following programmes were recommended:

- 1.01: An Exploratory Study of Implementation of the Right of Children to Free and Compulsory Education Act 2009 in States/ UTs.
(Carried over- to be completed by March 2013)
- 1.02: Diploma Course in Early Childhood Care and Education (ECCE) *(Seventh DC-ECCE)*
- 1.03: Certificate course in Early Literacy: Designing and Development of Material
- 1.04: Development of Indicators of School Readiness at Pre-Primary and Early Primary Level
(Carried over- to be completed by July 2012)
- 1.05: Development of Manual for Greening of Elementary Schools
(Carried over- to be completed by July 2012)
- 1.06: Popularization of the Source Books on Assessment at the primary level

- 1.07: Publication of the Journal: *'The Primary Teacher'*
- 1.08: Publication of the Journal: *'Prathamik Shikshak'*
- 1.09: National Documentation Unit for Pre-school and Elementary Education - A Resource Centre

The following programmes can be undertaken subject to availability of funds from other sources (SSA):

- 1.10: Publication of Children's Magazine *'Firkee Bachchon ki'*
- 1.11: Development of Guidelines for the Selection of Children's Literature
- 1.12: Development of Material to Sensitize Parents, Teachers, Educational Planners and Administrators against Corporal Punishment
- 1.13: Academic Support to States & UTs on Implementation of Right of Children to Free and Compulsory Education (RTE) Act, 2009
- 1.14: Academic Support to States/UTs in Developing their own Syllabi and Textbooks or Adapting NCERT's Syllabi and Textbooks at the Primary Levels

Department of Languages (DoL)

The following programmes were recommended:

- 2.01: Status of Sanskrit in the School Curriculum of India
- 2.02: Development of Bilingual Supplementary Material (a collection of stories) for Promoting Multilingualism
- 2.03: Development of a Handbook for Language Textual Materials Developers
- 2.04: Development of Sourcebook on Assessment in Urdu for Upper Primary Stage
- 2.05: Development of a Bridge Course in Urdu for Lateral Entry at Upper Primary Stage
- 2.06: Development of textbooks in Language Education for B.Ed. Programme (Hindi & English)
- 2.07: Review and Finalization of Vidyarthi Sanskrit Sahitya Sandarbha Kosh
- 2.08: Development of Video Programmes on Hindi Teaching at Secondary and Higher Secondary Stage.
- 2.09: Development of Video Programmes on Literary Forms of Urdu Literature for Higher Secondary Stage
- 2.10: Orientation for Master Trainers in Teaching of English from Upper Primary to Higher Secondary Stage.
- 2.11: Orientation Programme for Master Trainers Teaching Hindi from Upper Primary to Secondary Stage as Second Language
- 2.12: Orientation for Master Trainers in Hindi from Upper Primary to Higher Secondary Stage
- 2.13: Orientation for Master Trainers in Urdu at Primary Stage for Jammu & Kashmir state
- 2.14: Orientation Programme for Master Trainers Teaching Urdu at Secondary and Higher Secondary Stage
- 2.15: Orientation Programme for Master Trainers in Sanskrit from Upper Primary to Higher Secondary Stage (One programme for North East)

- 2.16: Certificate Course in 'Creative Writing and Translation'
2.17: Certificate Course in Sanskrit for Hindi and other Languages Teachers Teaching Sanskrit at Upper Primary and Secondary Stages
Budgetary provisions may be explored from other funding agencies

Department of Education of Groups with Special Needs (DEGSN)

The following programmes were recommended:

- 3.01: Development of Plan for the Education of Children from Tribal Areas Affected by Natural Disasters and Human Action
3.02: Development of Action Plan and Supplementary Reading Materials for the Education of Linguistic Minorities for Enhancing Quality of School Education for them
3.03: Orientation Programme for Master Trainers/Key Resource Persons for Enhancing Quality of Education at Elementary Level Schools in Scheduled Castes Dominated Areas
3.04: Special Needs of Children from Disadvantaged Groups Studying in Secondary Schools: An Exploratory Study
The programme proposal should be submitted to ERIC for evaluation
3.05: An Exploratory Study of Home Based Education Practices for Children with Special Needs in SSA

The following programmes can be undertaken subject to availability of funds from other sources (SSA, RMSA):

- 3.06: A Handbook on RTE Act from the Perspective of Children with Special Needs and National Consultation on RTE
3.07: Strengthening Inclusive Education at Secondary Stage in States/UTs: Regional Consultations

Department of Women's Studies (DWS)

The following programmes were recommended:

- 4.01: A Study on Implementation of KGBV Scheme in the Muslim Concentrated Districts of Four States of India
4.02: Training Programme for KGBV Teachers of Southern States on Bridge Course and Teacher Training Package

The following programmes can be undertaken subject to availability of funds from other sources (SSA):

- 4.03: Training Programme on Gender Issues in Education of SSA State and District Gender Coordinators
4.04: Training Programme for Teacher Educators from DIET on Gender Issues with Focus on Upliftment of Muslim Girls.

Department of Education in Social Sciences & Humanities (DESSH)

The following programmes were recommended:

- 5.01: Development of Manual for Teachers and Teacher Educators of Political Science (Higher Secondary Stage)
- 5.02: Development of Refresher Course for PGTs in Commerce and Geography
- 5.03: Development of Training Package in Economics
- 5.04: Capacity Building of PGTs in Geography in Geographical Information Systems (GIS) as Master Trainers
- 5.05: Development of Dictionaries of Economics, History, and Political Science for Schools (English-Hindi-Urdu)
- 5.06: In-Service Training of Teachers and Teacher-Educators in Social Science for Capacity Building in States
Carried over
- 5.07: Development of Textbook on 'Schooling, Socialization and Identity'
- 5.08: To Develop a Textbook on 'Pedagogy of Social Sciences'. That is in consonance with the Demands of the two-year B.Ed. Programme being introduced in the RIEs
(Carried over- to be completed by March 2013)
- 5.09: Preparation of Textbook on Health and Physical Education for Secondary Stage (Hindi & Urdu Versions)
- 5.10: Development of Syllabus and Textbooks on Human Rights for Higher Secondary Stage
- 5.11: Development of Teacher's Guide on Health and Physical Education for Upper Primary Stage
- 5.12: Translation of Textbook of *Human Ecology and Family Sciences (HEFS)* for Class XII in Urdu

The following programmes will be undertaken by the funds received from MHRD:

- 5.13: National Project Progress Review Workshops of National Population Education Project (NPEP) and Adolescence Education Programme (AEP)
- 5.14: Training of State Resource Persons in Population Education and Adolescence Education
- 5.15: Development of New Materials in Adolescence Education and Population Education.
- 5.16: Organization of Co-Curricular Activities on Population Education and Adolescence Education
- 5.17: An Evaluation Study of the National Population Education Project
(Carried over- to be completed by March 2013)
- 5.18: Introduction of Yoga in Schools

Department of Education in Science and Mathematics (DESM)

The following programmes were recommended:

- 6.01: Study of Curriculum at Higher Secondary Stage in Biology, Chemistry, Mathematics and Physics
(Carried over- to be completed by March 2013)
- 6.02: Development of Framework and Syllabi for PG Diploma Courses in Biology, Chemistry, Mathematics and Physics Education
- 6.03: Development of Resource Material on Disaster Management
- 6.04: Development of Laboratory Manual in Science at Upper Primary Stage
- 6.05: Development of ICT Kit for Mathematics at Secondary Stage
- 6.06: Development of Training Package in Science and Mathematics for the In- service Teachers' Professional Development (ITPD) at Secondary Stage
- 6.07: Development of Modules on Different Themes in Science for Lateral Entry at Upper Primary Stage – Field Trial
- 6.08: Development of Modules on Different Themes in Mathematics for Lateral Entry at Upper Primary Stage – Field Trial
- 6.09: Orientation of Master Trainers in Science at the Upper Primary and Secondary Stage
- 6.10: Orientation of Master Trainers in Mathematics at the Upper Primary and Secondary Stage
- 6.11: *School Science – A Quarterly Journal*
- 6.12: Centre for Popularization of Science and Mathematics
- 6.13: Jawaharlal Nehru National Exhibition for Science and Environmental Education for Children (JNNESEC)
- 6.14: Monitoring the Implementation of Environmental Education by all States/UTs in compliance with Hon'ble Supreme Court's Order
- 6.15: Celebration of National Year of Mathematics – 2012
- 6.16: Development of Course Contents for Certificate Programme for Teaching of Elementary School Science

The following programme can be undertaken subject to availability of funds from RMSA:

- 6.17: State Level Exhibitions for Science and Environmental Education for Children (SLESEC)
If RMSA funds are not made available, then the programme may use funds from plan budget of the Council

Department of Computer Education and Technological Aids (DCETA)

The following programmes were recommended:

- 7.01: Development and Dissemination of Open Education Resources
- 7.02: Development of Resources and Support for Web and Online Activities
- 7.03: Maintenance of Online ICT Supported Chemistry Textbooks of Classes XI and XII

- 7.04: Development of textbooks on *Computers and Communication Technology (CCT)* for Classes XI and XII
Completed and sent to National Monitoring Committee.

Department of Educational Measurement and Evaluation (DEME)

The following programmes were recommended:

- 8.01: Capacity Building Programmes for State Education Boards and SCERTs in Educational Evaluation (Four Programmes)
8.02: Implementation of National Talent Search Scheme
8.03: Conduct of Nurturance Programmes for NTSE Awardees (Non plan fund)

The following programmes will be undertaken by the funds received from SSA, RMSA and National Bal Bhavan:

- 8.04: Assessment of Learning Levels of Students at Secondary Level (Class X) under RMSA
8.05: Try Out and Finalization of Workable Scheme of Continuous and Comprehensive Evaluation (CCE) in the Context of RTE.
8.06: Achievement Survey at the end of Class III (Third Cycle)
8.07: Achievement Survey at the end of Class VIII (Third Cycle)
8.08: Chacha Nehru Scholarship for Artistic and Innovative Excellence

Department of Educational Surveys and Data Processing (DES&DP)

The following programmes were recommended:

- 9.01: Eighth All India School Education Survey (MHRD funded)
9.02: Development of Software and Analysis of the Data of the Projects/Major Activities undertaken by Constituents of NCERT

The following research programmes should be submitted to ERIC for evaluation:

- 9.03: Teachers in School Education- A Thematic Study
9.04: Status of Gender and School Education in India
9.05: Study of Education of Children belongs to Minority Community (Muslims) in India

Department of Teacher Education & Extension (DTEE)

The following programmes were recommended:

- 10.01: Curriculum transaction in Classroom -Some Exemplar Material
Development of material may be finalized in collaboration with all concerned departments of NCERT

- 10.02: Development of Textual Material on Vision of Indian Education: Issues and Concerns
(Carried over- to be completed by March 2013)
- 10.03: Publication of (i) *Journal of Indian Education (JIE)* and (ii) *Bharatiya Adhunik Shiksha (BAS)*
- 10.04: All India Competition on Innovative Practices and Experiments in Education for Schools and Teacher Education Institutions -2012-13
Announcements and outcomes of this competition should also be uploaded on NCERT website. Two prizes/certificates/citations may be considered for allocation for innovative practices in studies for group of children with special needs. Identified innovative practices should also be tried out.
- 10.05: A study of Private Secondary Teacher Education Institutions in the Country
(Carried over- to be completed by June 2012)
- 10.06: Development of a Resource Centre of Teacher Education Curricula of Asian Nations

The following programme can be undertaken subject to availability of funds from other sources (SSA):

- 10.07: Conference of Directors of SIEs/SCERTs

Department of Educational Psychology & Foundations of Education (DEPFE)

The following programmes were recommended:

- 11.01 Development of a Compendium on Psychological Researches Related to School Education
The programme can be taken up subject to clearance from Director, NCERT
- 11.02 'Talk to Teachers' Series on Psycho-Educational Concerns
The series may simultaneously be developed in Hindi also.
- 11.03 Development of a Textbook on '*Learner, Learning and Cognition*' for B.Ed.
(Carried over- to be completed by December 2012)
- 11.04 Diploma Course in Guidance and Counselling (Distance/Online and Face-to-Face)
The cost of the programme per student needs to be calculated and charged from the students. No funds from PAC.
- 11.05 Enrichment Programme for Teacher Educators Teaching Psychology in Teacher Training Institutes
- 11.06 Outreach Programme for Implementation of Guidance/Peace Education at State Level
- 11.07: National Library of Educational and Psychological Tests (NLEPT)

The following programmes can be undertaken subject to availability of funds from other sources (SSA, RMSA):

- 11.08: An Exploratory Study of Students' Engagement with School in the Context of Age-Grade Admissions under RTE

11.09 Follow up with States to Augment Guidance and Counselling Services in the Context of RMSA

Department of Educational Research & Policy Perspectives (DERPP)

The following programmes were recommended.

12.01: NCERT Doctoral Fellowships

12.02: Publication of *Indian Educational Review*

12.03: National Consultative Meet on Identification of Priority Areas for Educational Research

12.04: Resource Support Initiative in Educational Research for NCERT Faculty

12.05: Development of a Textbook titled *Basics in Education* for B.Ed. Course
(Carried over- to be completed by August 2012)

12.06: Organising ERIC Activities: SPMC Meetings, and General Body Meeting of ERIC

The following programme can be undertaken subject to availability of funds from other sources (SSA):

12.07: Study of Existing Public Private Partnership Initiatives in Elementary Education with focus on selected States and to evolve implementable model(s).

Division of Library, Documentation and Information (DLDI)

The following programme was recommended:

20.01 Development of Textbook Archive at DLDI

Planning Programming Monitoring & Evaluation Division (PPMED)

The following programmes were recommended:

21.01: Case Studies of School Management of Select MCD Schools

21.02: Preparation of Annual Reports and Results Framework Document (RFD)

21.03: Training of SCERT/SIE and DIET Faculty in Project Planning, Implementation, Monitoring and Evaluation

Department of Secondary Education (DSE)

The following programme was recommended:

22.01: An investigation into the Curriculum of Secondary Education in States/UTs for Identifying Quality Curriculum Indicators

The following programme can be undertaken subject to availability of funds from other sources (RMSA):

- 22.02: Development of Quality Monitoring Tools (QMTs) for the Secondary Stage of Education under RMSA

Department of Education in Arts and Aesthetics (DEAA)

The following programmes were recommended:

- 23.01: Implementation of Art Integrated Learning in MC Primary Schools of Delhi – A Pilot Project
- 23.02: Resource Center Events on Arts and Crafts
- 23.03: Development of Training Package for Primary Teachers and Capacity Building of DIETs on Art Integrated Learning
(Carried over- to be completed by March 2013)

The following programmes can be undertaken subject to availability of funds from other sources (SSA, NVS):

- 23.04: Teachers' Handbook in Music and Dance for Upper Primary Stage
- 23.05: Guidelines for Master Trainers on Arts Education for Navodaya Vidyalaya Samiti (NVS) Schools: A Collaborative Project

NIE Workshop

The following programmes were recommended:

- 24.01: Strengthening of States Functionaries (SCERTs/SIEs/RMSA/SSA) on Preparation and Use of Science and Mathematics Kits Developed by NCERT
- 24.02: Apprenticeship Training

Agenda 5: To consider and recommend the programme proposals of CIET, New Delhi.

Prof. Rajaram Sharma, Joint Director, CIET presented the programme proposals for 2012-13. The recommendations of PAC are given below:

The following programmes were recommended:

- 13.01: Development and Dissemination of Educational Media Programmes
- 13.02: Diploma and Certificate courses in Educational Technology
- 13.03: Establishment of Media Clubs in Schools
- 13.04: 18th All India Children's Educational Audio-Video Festival
- 13.05: CIET-SIETs Coordination Meetings
- 13.06: Contextual Factors and Teachers' Role of Effective Use of Information and Communication Technology (ICT) in Secondary and Sr. Secondary Level in Smart Schools

The following programmes can be undertaken subject to availability of funds from other sources:

- 13.07: Design and Development of National Repository of Digital content
- 13.08: Development of Management Information System (MIS) for Implementation of ICT @ Schools Scheme in States/UTs

Agenda 6: To consider and recommend the programme proposals of PSSCIVE, Bhopal

Prof. R.B. Shivagunde, Joint Director, PSSCIVE presented the programme proposals for 2012-13. The recommendations of PAC are given below:

The following programmes were recommended:

- 14.01: Development of Modular Curriculum on Insurance for NVEQF (Levels 1 to 4)
Only level one to be conducted at Mumbai
- 14.02: Revision and Finalization of Modular Competency Based Vocational Curriculum on “Marketing and Sales Management”.(Phase II).
- 14.03: Development of Modular Curriculum and teaching-Learning Materials in Security Sector for NVEQF (Levels 2 & 4) (Phase II)
The programme needs to be conducted at Chandigarh
- 14.04: Development and Maintenance of Interactive website of PSSCIVE
- 14.05: Indian *Journal on Vocational Education*
This may be brought out in the form of e-journal.
- 14.06: Publication of *Quarterly Bulletin*
This may be brought out in the form of e-journal.
- 14.07: NCERT Awards for Excellence in Vocational Education – 2011-12.
Discuss with the Director to change the area of awards. Then announce accordingly.
- 14.08: Extension Lecture Series
- 14.09: Development of Modular Curriculum on Travel and Tourism for NVEQF (Levels 1to 4)
Recommended for level -1 only to conducted at Bhopal
- 14.10: Development of Instructional Material in the area of Retail Marketing Management for NVEQF (Levels 1to 4)
Recommended for level 1 only
- 14.11: Development of Video Films on Popularization of Vocational Education
- 14.12: Development of DPR for Digital Library and LRC (Learning Resource Centre).
- 14.13: Designing Lab Experiments and DPR for Engineering & Technology Vocational Courses.
Programme may be renamed as development of Instructional Material of Level-1 for Automobile Vocational Courses.

14.14 One international seminar on 'A Vision for Vocational Education in 2020' may be organized by combining the following programmes and may be conducted at New Delhi.

14.69: National Seminar on Recent Developments in the Vocational Area of Engineering & Technology.

14.70: National Seminar and Exhibition on Vocational Education, Production Centres and Employability.

14.71: National Seminar on Advocacy and Vertical Mobility of Home Science Vocational Courses

14.15: Documentation of Achievements of NCERT in the area of Vocational Education.

The following programmes can be undertaken subject to availability of funds from other sources/states/NSDC/Ministry of Labour/Health etc.

14.16: Development of Modular Curriculum on Computer Network Technician.

14.17: The following programmes may be combined to make them one programme.

14.11: Training of Trainers on Teaching Skill Development for Vocational Teachers. (Prog. I)

14.12: Training of Trainers on Teaching Skill Development for Vocational Teachers. (Prog. II)

14.13: Training of Trainers on Teaching Skill Development for Vocational Teachers. (Prog. III)

14.14: Training of Trainers on Teaching Skill Development for Vocational Teachers. (Prog. IV)

14.15: Training of Trainers on Teaching Skill Development for Vocational Teacher for Himachal Pradesh. (Prog. V)

14.16: Training of Trainers on Teaching Skill Development for Vocational Teachers for Himachal Pradesh (Prog. VI)

14.17: Training on the implementation of Vocational Education and Training for Teachers of Minority Institutions.

14.18: Orientation Programme for the SC/ST Key Functionaries of Vocational Education Programme.

14.19: The following programmes may be combined to make them one programme.

14.29: Capacity Building Programme on Implementation of VEP and NVEQF for Directors, Dy. Directors, DVEOs and Principals of Maharashtra, Gujarat and Karnataka states. (Prog. I)

14.30: Capacity Building Programme on Implementation of VEP and NVEQF for Directors, Dy. Directors, DVEOs and Principals of Uttar Pradesh, Uttaranchal, Delhi, Rajasthan and Jammu & Kashmir states. (Prog. II)

- 14.31: *Capacity Building Programme on Implementation of VEP and NVEQF for Directors, Dy. Directors, DVEOs and Principals of Tamil Nadu, Andhra Pradesh, Kerala, Puducherry and Lakshadweep. (Prog. III)*
- 14.32: *Capacity Building Programme on Implementation of VEP and NVEQF for Directors, Dy. Directors, DVEOs and Principals of West Bengal and Andaman & Nicobar Islands. (Prog. IV)*
- 14.33: *Capacity Building Programme on Implementation of VEP and NVEQF for Directors, Dy. Directors, DVEOs and Principals of Delhi, Chandigarh, Himachal Pradesh, Punjab and Haryana states. (Prog. V)*
- 14.34: *Capacity Building Programme on Implementation of VEP and NVEQF for Directors, Dy. Directors, DVEOs and Principals of Bihar, Jharkhand, Orissa, Chhattisgarh and Madhya Pradesh. (Prog. VI)*

14.20 Training of Trainers on Teaching Skill Development for Vocational Teachers.

The three programmes nos. 14.44, 14.45 and 14.46 may be combined under the above mentioned programme:

- 14.21: Capacity Building Programme on Implementation of VEP and NVEQF for Directors, Dy. Directors, DVEOs and Principals of North-Eastern Region.
- 14.22: Competency Based Skill Training programme in Entrepreneurship Development for Vocational Teachers of Commerce
- 14.23: Competency Based Skill Training programme for Vocational Teachers for North Eastern Region.
- 14.24: Competency Based Skill Training Programme for Vocational Teachers in Marketing and Salesmanship for the states of Maharashtra and Goa.
- 14.25: Competency Based Skill Training Programme for Vocational Teachers in Automobile Technology trade.
- 14.26: Competency Based Skill Training Programme for Vocational Teachers in Computer Technique/ Computer Application.
- 14.27: Competency Based Skills Training Programme for Vocational Teachers in Vocational Guidance and Counseling.
- 14.28: Competency Based Skills Training for Vocational Teachers in Entrepreneurship Development.
- 14.29: Orientation Programme for Principals in Vocational Guidance and Counselling.
- 14.30: Designing Lab Experiments and DPR for Health & Paramedical Vocational Courses
- Programme be renamed as Development of Instructional material of Level-1 for Health related vocational courses*

Agenda 7: To consider and recommend the programme proposals of RIEs

I. Regional Institute of Education, Ajmer

Prof. J.P. Bagchi, Dean of Instructions at RIE Ajmer presented the programme proposals for 2012-13. The following programmes were recommended to be conducted utilizing programme funds.

- 15.01: Thinking School: An Experiment
- 15.02: Educating Teacher with Conservation of Non-Conventional Food and Vegetables Used by Different Tribes of Northern India for Awareness of Environment Education
- 15.03: Environmental Education Theme Part for Strengthening School Education Programmes and Training of School Children for Generating Environmental Awareness
- 15.04: *मुस्कुराता बचपन* : क्षेत्रीय शिक्षा संस्थान, अजमेर के बहुदेशीय प्रायोगिक विद्यालय में एक वार्षिक प्रारंभिक बाल्यावस्था शिक्षा का आयोजन
An action plan needs to be prepared. The expenditure can be done for two teachers, two attendants and other contingent expenses
- 15.05: State Coordination Committee Meetings
- 15.06: Extension Lectures of Eminent Educationists

The following programmes can be conducted subject to availability of funds from other sources, specifically SSA, RMSA, Teacher Education Funds released to states by the Centre for this purpose.

- 15.07: Orientation of KRPs in Content, Pedagogy and Assessment in English at Secondary Level
- 15.08: Orientation of KRPs in Content, Pedagogy and Assessment in English at Primary Level
- 15.09: Orientation Programme for Teachers of Upper Primary Schools in Urdu Language with Reference to NCERT Text books
- 15.10: Programme Training of KRPs in Teaching of Geography at Secondary level with Special Reference to Map Reading & Globe
- 15.11: Training of KRPs in Physics at Senior Secondary level
- 15.12: Training of Teachers of Upper Primary Level in Teaching of Science with Respect to NCERT text books
- 15.13: Training of KRPs in the Use of ICT Pedagogy Integration in Teaching of Science and Mathematics at Elementary Level
- 15.14: Training of Teachers of Upper Primary Level in Teaching of Mathematics with Respect to NCERT textbooks
- 15.15: Training of KRPs in Activity based Teaching of Science in the Light of NCF 2005 at Upper Primary Level
- 15.16: Training Programme in Content Enrichment and Development of TLM (ICT) in Biology at Senior Secondary level

- 15.17: Capacity Building of SCERTs/DIETs Educational Functionaries in Conducting Programme Evaluation Research
- 15.18: Content-Cum-Pedagogy Enrichment Programme in Chemistry Including Recent Advances in the Subject at Senior Secondary level
- 15.19: Training of KRPs in Teaching Children with Special Educational Needs at Primary Level
- 15.20: "उच्च प्राथमिक स्तर पर जम्मू क भीर, पंजाब, हिमाचल प्रदेश एवं राजस्थान राज्यों के डायट के शिक्षक प्रशिक्षकों को हिंदी का प्रशिक्षण"
- 15.21: Strengthening Continuous and Comprehensive Evaluation (CCE) at Primary and Upper Primary Level
- 15.22: Training in Career Counselling and Guidance Programmes at Secondary Level
- 15.23: Training of KRPs in Action Research at Primary Level
- 15.24: Developing Professional Skills amongst Librarians for Information Management
- 15.25: Orientation of the Teachers of Minority Educational Institutions in Use of ICT

II. Regional Institute of Education, Bhopal

Prof. Reeta Sharma, Dean of Instructions at RIE Bhopal presented the programme proposals for 2012-13. The following programmes were recommended to be conducted utilizing programme funds.

- 16.01: A Study of Status and Quality of Eklavya Vidyalayas of Chhattisgarh
Subject to review of quality indicators by the Director, NCERT
- 16.02: A Study of Secondary School Science Laboratories in Terms of Infrastructure, Extent and Method of Use.
- 16.03: Development of Resource Material in Mathematics for Children with Special Needs at Elementary School Level.
- 16.04: Diploma Course in Guidance and Counselling (Through Distance/Online and Face to Face) (2012-13)
The cost of the programme per student needs to be calculated and charged from the student. No PAC funds.
- 16.05: Introduction of ECCE Centre in Demonstration School
An action plan needs to be prepared. The expenditure can be done for two teachers, two attendants and other contingent expenses

The following programmes can be conducted subject to availability of funds from other sources, specifically SSA, RMSA, Teacher Education Funds released to states by the Centre for this purpose.

- 16.06: Development of Question Bank in Economics at Senior Secondary Level with Reference to Examination Reforms Under NCF-2005
- 16.07: Training Programme for Teachers on Content cum Pedagogy in Biology at Sr. Secondary Level in Eklavya Vidyalayas and other Tribal Schools
- 16.08: Capacity Building of KRPs of Upper Primary & Secondary Level in Science through Project/Activity Based Learning
- 16.09: Training of Teacher Educators of DIETs and CTEs in Inclusive Education

- 16.10: Training of KRPs on Research Methodology and Data Analysis through SPSS
- 16.11: Training programme on Content and Pedagogy for Senior Secondary Chemistry Teachers of Eklavya Vidyalayas and other Tribal Schools.
- 16.12: Training Programme on Content and Pedagogy in Science for Secondary Teachers of Eklavya Vidyalaya and other Tribal Schools
- 16.13: Training of KRPs on the Development of Mathematics Lab in the Schools of Chhattisgarh State

III. Regional Institute of Education, Bhubaneswar

Prof. Sabita Patanaik, Principal, RIE Bhubaneswar presented the programme proposals for 2012-13. The following programmes were recommended to be conducted utilizing programme funds.

- 17.01: Development of Working Models/Activities in Science for Effective Teaching-Learning process of Tribal Teachers of Odisha at Secondary Level.
- 17.02: Development of a package on Open Educational Resources for Teacher Educators
Can be taken up in collaboration with DCETA
- 17.03: Diploma Course in Guidance and Counseling
The cost of the programme per student needs to be calculated and charged from the students. No PAC funds.
- 17.04: Early Childhood Care and Education (ECCE) Center in Demonstration Multipurpose School
An action plan needs to be prepared. The expenditure can be done for two teachers, two attendants and other contingent expenses
- 17.05: Development of a Training Package on Continuous and Comprehensive Evaluation for Elementary Stage
Faculty from DEE, Dol, DESSH, and DEME should be involved in the programme.

The following programmes can be undertaken subject to availability of funds from other sources, specifically SSA, RMSA, Teacher Education Funds released to states by the Centre for this purpose.

- 17.06: Training of Teachers Teaching English at Secondary Level on Communication Skill.
- 17.07: Training of Teacher Teaching English at Primary Level on Communication Skill.
- 17.08: Orientation of KRPs of West Bengal and Odisha in Teaching & Learning of Mathematics at Upper Primary Level.
- 17.09: Pedagogy Enrichment programme through Teaching of Science at Secondary level for KRPs of West Bengal and Odisha.
- 17.10: Training Programme for KRPs on Health and Physical Education at Elementary and Secondary Stage for the States of Bihar, Jharkhand, West Bengal and Odisha.
- 17.11: Orientation of KRPs of West Bengal on Implementation of Right to Free and Compulsory Education Act, 2009

- 17.12: Capacity Building Programme of Master Trainers on Production and Utilization of Audio-Visual support system with special reference to NCERT Educational Video Programmes for the State of Bihar & Jharkhand
- 17.13: Orientation of KRPs of A & N Island on Teaching and Learning of Political Science at Senior Secondary Level
- 17.14: Content-cum-Pedagogy Enrichment Programme for KRPs in Hindi at Secondary Level for state of Odisha.
- 17.15: Pedagogy Enrichment Programme through teaching of Physics At Higher Secondary Level for KRPs of A&N Islands.
- 17.16: Orientation-cum-Workshop in Teaching-Learning of Macro Economics at +2 Levels for the KRPs of Andaman and Nicobar Islands
- 17.17: Orientation Programme on Continuous and Comprehensive Evaluation for KRPs at Upper Primary level for the state of Bihar, Jharkhand and West Bengal.
- 17.18: Orientation programme for Key-resource persons of Elementary Stage on the implication of NCF-2005 for the states of Bihar, West Bengal, Jharkhand and A & N Islands.
- 17.19: Orientation of KRPs A & N Islands in Teaching-Learning of Geography at +2 Levels.
- 17.20: National Conference on Information and Communication Technology (ICT) for Quality Improvement of School Education.

IV. Regional Institute of Education, Mysore

Prof. Prem Lata Sharma, Principal, RIE Mysore, presented the programme proposals for 2012-13. The following programmes were recommended to be conducted utilizing programme funds.

- 18.01: Studying the effectiveness of supportive teaching on academic achievement of low achievers in mathematics/physics/chemistry/English among the students of B.Sc.Ed./B.A.Ed. of RIE, Mysore. (There are 8 subdivisions of Research Activities undertaken)
The programme proposal should be submitted to ERIC for evaluation
- 18.02: Effectiveness of project based approach to teaching of science at secondary school level (Tamil Nadu)
List of projects given in Lab Manuals prepared by DESM may be tried out.
- 18.03: Training Programme on E-Learning for Teacher Educators of DIET, CTE, IASE and SCERT
Organize training programme only by combining 18.05 and 18.06 of the PAC Agenda.
- 18.04: Capacity Building of DTERT faculties in diagnosing and addressing learning problems of children at secondary level in Tamil Nadu
The RIE faculty should go to the field for addressing learning problems
- 18.05: 'Certificate course in Programme Evaluation'
The cost of the programme per student needs to be calculated and charged from the students. No PAC funds

- 18.06: Workshop on class room observation and management skills for teachers of selected secondary Schools of the Southern Region
The cost of the programme per student needs to be calculated and charged from the students
- 18.07: Workshop on Strengthening of Aesthetic Education at Secondary Level
- 18.08: Diploma Course in Guidance and Counselling through Distance and On Campus Mode
The cost of the programme per student needs to be calculated and charged from the student. No PAC Funds.
- 18.09: Regional consultative meeting of state educational functionaries to share their experiences on educational initiatives and practices for providing quality education in schools
- 18.10: Early Childhood Education (ECE) programme in D M School, RIE, Mysore
- 18.11: Extension Lecture Series

The following programmes can be undertaken subject to availability of funds from other sources, specifically SSA, RMSA, Teacher Education Funds released to states by the Centre for this purpose.

- 18.12: Training of Principals of Pre University (PU) colleges of Karnataka on CCE in different subject areas with guidelines for its implementation and monitoring.
- 18.13: Training of KRPs of SCERTs and CTEs of southern region on Continuous and Comprehensive Evaluation and guidelines for its implementation and monitoring at secondary school level
- 18.14: Developing Reflective Teachers in and through school-based training programs for teachers and teacher educators
- 18.15: Capacity building of DSERT / SCERT/ DTERT faculty in planning, execution and evaluation of in-service programmes
- 18.16: Training of KRPs at Pre-university level on teaching difficult concepts in Maths, Physics, Chemistry and Biology to rural students – Karnataka state
- 18.17: Capacity Building of SCERT & DIET Librarians to Modernise the Library
- 18.18: ‘Training Programme for CTE/IASE faculty on improving quality of Pre- Service Teacher Education’
- 18.19: ‘Capacity Building of Teacher Educators in conducting educational research’
- 18.20: Training of curriculum developers on Pedagogical perspectives for the development of secondary teacher education curriculum
- 18.21: Training of KRPs for nurturing creativity among elementary school children
- 18.22: Evaluation of Mathematics and Science Textbooks at V and VIII standard prepared by the Karnataka State based on the recommendation of NCF 2005
- 18.23: Early Childhood Care and Education (ECCE) Center in Demonstration Multipurpose School
An action plan needs to be prepared. The expenditure can be done for two Teachers, two attendants and other contingent expenses

V. North-East Regional Institute of Education, Shillong

Prof. S. Ramaa, Principal, NERIE Shillong presented the programme proposals for 2012-13. The following programmes were recommended to be conducted utilizing programme funds.

- 25.01: Development of Teaching Learning Materials (TLM) for Teaching Manipuri.
- 25.02: Documentation of Oral Tradition and Arts Prevalent in Tribal Communities of Manipur and Mizoram in North East India
The NERIE faculty should go to the field for completing the documentation
- 25.03: Development of a Source Book on Indigenous Practices of Conservation and Sustainability in North East context.
The NERIE faculty should go to the field for developing the source book
- 25.04: Diploma Course in Guidance and Counselling through Distance/Online Mode
The cost of the programme per student needs to be calculated and charged from the students. No PAC funds.

The following programmes can be conducted subject to availability of funds from other sources, specifically SSA, RMSA, Teacher Education Funds released to states by the Centre for this purpose.

- 25.05: Three-Month Certificate Course in Teaching of Mathematics at Upper Primary and Secondary level
The CTPM material developed by IGNOU should be used
- 25.06: Three-Month Certificate Course in Teaching of Science at Upper Primary and Secondary level
The cost of the programme per student needs to be calculated and charged from the students.
- 25.07: Three-Month Certificate Course in Teaching of Social Science Development of course and Conducting the Certificate Course
The cost of the programme per student needs to be calculated and charged from the students.
- 25.08: Three-Month Certificate Course in IED (Integrated Education for the Disabled) for KRPs/DIETs/CTEs
The cost of the programme per student needs to be calculated and charged from the students.
- 25.09: Training of Teacher Educators on Implementation of Continuous and Comprehensive Evaluation (CCE) for Social Sciences at Elementary Level
- 25.10: Regional Seminar on Status and Challenges in Implementing RMSA in North East region

(B.K. Tripathi)
Vice-Chairperson, PAC

(Parvin Sinclair)
Chairperson, PAC

List of Participants in the 49th PAC Meeting held on 16-17 March 2012

1. Prof. Parvin Sinlair, Director, NCERT
2. Prof. B.K.Tripathi, Joint Director, NCERT
3. Sh. Alok Verma, Secretary, NCERT
4. Prof. Smriti Swarup, Mumbai
5. Prof. Giyasuddin Siddiqui, WBBME, Kolkata
6. Smt. Malsawmthangi, SCERT, Aizawl
7. Prof. Rajaram Sharma, Joint Director, CIET
8. Prof. R.B.Shivagunde, Joint Director, PSSCIVE, Bhopal
9. Prof. K.B.Rath, Principal, RIE, Ajmer
10. Prof. J.P.Bagchi, RIE, Ajmer
11. Prof. M.N.Bapat, Principal, RIE, Bhopal
12. Prof. Reeta Sharma, RIE, Bhopal
13. Prof. Savita P.Patnaik, Principal, RIE, Bhubaneswar
14. Prof. Prem Lata Sharma, Principal, RIE, Mysore
15. Prof. S.Ramaa, Principal, NERIE, Shillong
16. Prof. Kiran Devendra, Head, DEE, NCERT
17. Prof. Hukum Singh, Head, DESM, NCERT and Dean (A)
18. Prof. Saroj Yadav, Head, DESSH, NCERT
19. Prof. Chandra Sadayat, Head, DoL, NCERT
20. Prof. Pawan Sudhir, Head, DEAA, NCERT
21. Prof. Anita Julka, Head, DEGSN & IEC, NCERT
22. Prof. Gouri Srivastava, Head, DWS, NCERT
23. Prof. Avtar Singh, Head, DEME, NCERT
24. Prof. S.K.Yadav, Head, DTEE, NCERT
25. Prof. Daya Pant, Head, DEPF, NCERT
26. Prof. Poonam Agarwal, Head, DERPP, NCERT
27. Prof. R.S.Sindhu, Head, IRD, NCERT
28. Prof. H.O.Gupta, Head, DSE&NIE Workshop, NCERT
29. Prof. A.K.Srivastava, Head, PPMED & Publication, NCERT
30. Dr. Moortimattee Samantaray, Head, DLDI, NCERT
31. Dr. P.K.Mandal, DESSH, NCERT
32. Dr. S.Banerjee, DEAA, NCERT
33. Prof. K.C.Tripathi, DoL, NCERT
34. Dr. B.P.Bhardwaj, DTEE, NCERT
35. Prof. Manju Jain, DEE, NCERT
36. Dr. A.D.Tiwari, DEME, NCERT
37. Prof. Anjum Sibia, DEPF, NCERT
38. Dr. M.Siraj Anwar, PPMED, NCERT
39. Dr. Mona Yadav, DWS, NCERT
40. Dr. V.K.Singh, DEGSN, NCERT
41. Dr. Satya Bhushan, DES&DP, NCERT
42. Dr. Ranjana Arora, DSE, NCERT

Chairperson
Vice-Chairperson

43. Dr. Pooja Jain, DLDI, NCERT
44. Dr. A.K.Rajput, CIET, NCERT
45. Dr. Asfa M. Yasin, PSSCIVE, Bhopal
46. Dr. Subhash Chandra Roy, NERIE, Shillong
47. Shri D.P. Toor, CAO, NCERT
48. Shri Hemant Kumar, PRO, NCERT
49. Dr. (Mrs.) Asha Jindal, DECTA, NCERT
50. Dr. Vishal D. Panjankar, DES&DP, NCERT
51. Dr. P.D. Subhash, PPMED, NCERT
52. Dr. Bijaya Kumar Malik, DESSH, NCERT
53. Shri Ashok Kumar Sharma, Chandigarh

The following persons could not attend the meeting:

1. Prof. N. Jayaram, TISS, Mumbai
2. Sh. P.C. Sen, CCRT, New Delhi
3. Dr. Shekhar Singh, New Delhi
4. Dr. Basab Banerjee, NSDC, New Delhi
5. Shri Hasan Waris, SCERT, Patna
6. Smt. B. Seshu Kumari, SCERT, Hyderabad
7. Ms. Rashmi Krishnan, SCERT, New Delhi
8. Dean of Instruction, RIE, Bhubaneshwar
9. Dean of Instruction, RIE, Mysore
10. Prof. D.K. Vaid, Head, DES&DP, NCERT
11. Dr. A.K. Wazalwar, DESM, NCERT
12. Dr. Sharad Sinha, DERPP, NCERT
13. Dr. Pushpalata Verma, DCETA, NCERT
14. Shri Apurva Chandra, Joint Secretary, Sch.-IV, MHRD

