Regional Institute of Education, Mysore

The RIE, Mysore has been functioning as a Regional Resource Centre for school and teacher education and striving for academic excellence, innovation, professional competence, commitment and the sharing of experience and expertise to improve the quality of education in the Southern Region.

The institute has initiated special efforts to achieve the goal of quality improvement in school education at primary and secondary level in Southern Region. The institute is fully equipped with the infrastructural facilities to organise in-service programmes. A number of in-service training programmes have been organised for the capacity building of the staff of District Institutes of Education and Training (DIETs), Colleges of Teacher Education (CTEs), Institute of Advanced Studies in Education (IASEs) and State Council of Educational Research and Training (SCERTs) and other educational functionaries of the states/union territories in the southern region. One of the important functions of RIE is to extend academic support and consultancy to the state governments in their educational endeavours in the region. In the area of Information and Communication Technology, the facilities have been enhanced with the addition of multimedia software packages. The computer lab is being used to meet the needs of both pre-service and in-service programmes.

Major Activities of the Department during 2007-08

Research

The institute is a recognised centre for undertaking doctoral research in education. During the year, three research scholars have been awarded Ph.D. degree in education by the University of Mysore. Eight research scholars have submitted their theses for the award of Ph.D. In all, fifty-five scholars are working for their Ph.D. in the institute. As part of the M.Ed. and M.Ed. (School Management) programmes, 68 students have taken up dissertation work in education.

Regional Seminar on Recent Trends in Environmental Education

A three-day regional seminar on ‘Recent Trends in Environmental Education’ was organised at the institute from 23-25 January 2008. Eminent educationists delivered lectures on various aspects of environmental education and 77 research papers related to various themes and sub-themes of environmental education were presented. School teachers, teacher educators, faculty from the educational institutes and universities, researchers, administrators, policy makers from the
southern states and the Union Territory of Puducherry participated in the seminar. Out of the papers presented, five best papers were selected.

**DEVELOPMENT**

**Workshop on School Based Experiences and Supervision of Practice Teaching for Cooperating Teachers of B.Ed. and B.Sc.Ed. Internship Programme**

A five-day workshop on school based experience and supervision of practice teaching for cooperating teachers from the four internship in teaching centres of the southern region was organised from 25-29 June 2007. Fifty-nine cooperating teachers and headmasters attended the conference.

**Development of Handbooks/Teachers Manuals in Physics, Chemistry and Mathematics at Higher Secondary Stage**

A number of workshops were conducted in Physics, Chemistry and Mathematics to develop the Teachers Handbook at higher secondary level. The draft copy of the handbook has been prepared in all the three subject areas.

**Development of Teachers’ Handbook in Science for Primary Grades**

A number of workshops were conducted for development of Teachers Handbook in Science for Primary Grades. The draft copy of the handbook has been prepared.

**Teaching of Indian Languages – A Handbook for Teachers**

The Handbook on Teaching of Indian Languages has been developed. The final workshop for four days was organised to finalise the handbook from 17-20 March 2008.

**Development of the Guidelines for Grading and Accreditation of Schools Based on the Quality Parameters at Secondary Level**

Guidelines for Grading and Accreditation of Schools based on the Quality Parameters at Secondary Level were developed in a 3-day seminar organised from 7-9 February 2008. Forty-five papers were presented in the seminar.

**Capacity Building of DSERT, CTEs and DIETs Faculty in Research, Monitoring and Evaluation**

A series of workshops in phases were conducted under this programme. In phase I survey of field realities and designing an induction programme was carried out and in Phase II inputs for induction training of DIET faculty were developed and finalised. In the final phase validation of the induction programme was undertaken and guidelines for its implementation were developed. The materials developed have been handed over to DSERT, Bangalore for the implementation.

**Capacity Building of Trainers at the Secondary, Higher Secondary Level (Kerala)**

The main objective of this programme was to develop a training manual and develop the capacity among the state core group at the secondary and higher secondary level. A four-day workshop was organised from 28-31 March 2008.
for the development of the training manual involving the state resource persons from the SCERT, SSA and faculty from the Directorate of Higher Education, Kerala. The outline of the training manual was finalised based on the feedback from the workshop.

**Identifying and Addressing the Major Pedagogical Concerns in Teaching at Higher Secondary Level (Kerala)**

A training module was prepared in identifying and addressing the major pedagogical concerns in teaching at higher secondary level in a workshop organised from 10-14 March 2008.

**Developing Skills of Effective Communication among Higher Secondary Students of Kerala**

A training package was prepared on Developing Skills of Effective Communication amongst Students for Key Resource Persons of English At +2 Level in Kerala. Two modules have been prepared accompanied by a CD which provides practice in listening and pronunciation. The training package was finalised in the workshop conducted from 3-7 March 2008. Eleven subject experts attended the workshop.

**A Training Programme on Guidance and Counselling for High School Teachers**

Modules on Guidance and Counselling for High School Teachers for the training programme were developed in a series of workshops. Tamil Nadu government was requested to organise training-programme of teachers at their convenient time using the training package.

**Induction Training Programme for Newly Recruited Graduate Teachers of Tamil Nadu**

A training manual was prepared. Training programme was organised from 24-27 March 2008 at Chennai for the newly recruited graduate teachers of Tamil Nadu. Around 160 newly recruited graduate teachers were trained in different subject areas by the team of faculty members from the Universities, IASEs, DTERT and the RIE.

**Capacity Building of SSA Functionaries of Tamil Nadu in Research Programmes with specific reference to DTERT and DIET Faculty**

Two workshops were organised involving experts in research methodology to prepare the material that would enable SSA functionaries in planning, executing, analysing the research projects.

**Design and Development of an Induction Training Programme for DIET Faculty of Karnataka**

Two workshops of 4-days duration each were organised to develop the resource material on Design and Development of an Induction Training Programme for DIET faculty of Karnataka during February and March 2008. Apart from the RIE faculty resource persons from the Universities and the DSERT were also involved. The Induction Training Package has been put on the website.
Micro-scale Chemistry Laboratory

The southern regional Micro-scale Chemistry Laboratory, first of its kind in the country, has been launched in the institute on 6 June 2007. The Micro-scale chemistry Lab is an environmentally safe, pollution free kit and facilitate performing Chemistry experiments using small quantities of chemicals without compromising the quality and standard of experiments. The NCERT has recommended the use of this lab in schools under the umbrella of NCF-2005. RIE Mysore is the nodal centre of this lab for the entire southern region.

TRAINING AND EXTENSION

Postgraduate Diploma in Guidance and Counselling

Eleven students have been admitted this year for the Postgraduate Diploma in Guidance and Counselling. All the activities have been carried out and the course has been completed successfully.

RIE Mysore organised a total of ten programmes for the orientation of Master Trainers of KVS, NVS and CBSE affiliated independent schools on the use of new textbooks developed by NCERT for Classes II, IV, VIII, X and XII based on the NCF-2005 through face-to-face mode during June, July, August and September 2007.

Orientation Programme on NCF-2005 for the Teacher Educators of Southern Region

An orientation programme on NCF-2005 for Teacher Educators was organised from 11-15 February 2008. Twenty-three teacher educators from southern region attended the programme.

Training Programme for the DIET Faculty of Andhra Pradesh on Planning and Implementation of Lab Area Approach to Improve School Quality

A training package was developed in two workshops organised at SCERT, Hyderabad to train the DIET faculty in the lab area approach to improve school quality. The orientation programme was organised for DIET and SCERT faculty from 25-26 March 2008.

Training Programme on Quantitative Research Methods

A training programme on the Quantitative Research Methods by Using SPSS Software Package for DSERT and CTE/IASE Faculty of AP was organised from 22 June to 2 July 2007. Twenty teacher educators from SCERT, CTE and IASE faculty from Andhra Pradesh attended the programme.

Extension Lectures

Extension lectures by the following eminent speakers were arranged for the benefit of students and staff of the institute.

- Professor S Chandrashekar, Head, Department of History, Bangalore University, delivered a lecture on ‘Dr B R Ambedkar and Transformation of Education Sector’ to commemorate 116th Birth Anniversary of Dr B. R. Ambedkar on 16 April 2007.
- Professor J. Shashidhara Prasad, former Vice Chancellor of the University of Mysore, delivered Sardar Pannikar Memorial Lecture on ‘Quality Concerns in Higher Education’ on the occasion of 44th Foundation Day of the institute from 1 August 2007.

- Professor Mrinal Miri, Visiting Professor, Curriculum Group, NCERT, New Delhi, delivered a lecture on Education and National Life on 9 February 2008.

**Summer Science Camp**

An Eight-day Summer Science Camp was organised in the institute from 9-16 May 2007 for a group of 40 children of Class VI of DMS and from selected schools of Mysore city. The objectives of the camp were to help students develop scientific temper and see the relevance of the science they learn in school and to provide hands-on experience on a variety of activities in science.

**Visitors**

A team of 26 international delegates representing NAAC and CoL from Bangladesh, Brunei, Darussalam, Malaysia, Pakistan, Mauritius, Sri Lanka, Maldives, Hong Kong, Nigeria and Singapore visited the institute on 4 December 2007. The joint forum had interactions with the Principal and faculty of the institute.

A team of Afghanistan Teacher Educators visited the institute from 11-17 November 2007. Faculty of RIE, Mysore interacted with them to evolve a teacher education curriculum for Afghanistan.

RIE, Mysore provided logistic and academic inputs for the organisation of the following programmes of NIE departments of NCERT and other states/agencies.

**Collaborative Programmes**

Following programmes were conducted during 2007-08 in collaboration with other Departments of NCERT

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the Programme</th>
<th>Sponsor</th>
<th>Dates</th>
<th>Number of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>21-Day Refresher Course for Post Graduate Teachers in Mathematics of Navodaya Vidyalayas</td>
<td>NVS</td>
<td>15 May to 4 June 2007</td>
<td>27</td>
</tr>
<tr>
<td>2</td>
<td>Training on Setting up of Micro Scale Chemistry Laboratory</td>
<td>NCERT</td>
<td>6-7 June 2007</td>
<td>19</td>
</tr>
<tr>
<td>3</td>
<td>Orientation Programme for Master Trainers on the Use of New NCERT Textbooks through Teleconferencing</td>
<td>NCERT</td>
<td>27 days (9 July to 21 August 2007)</td>
<td>479</td>
</tr>
<tr>
<td>4</td>
<td>Regional Consultation for Restructuring Teacher Training Curriculum (Southern Region)</td>
<td>NCERT</td>
<td>21-22 August 2007</td>
<td>45</td>
</tr>
<tr>
<td>5</td>
<td>Preparation of Teachers’ Handbook in Environmental Education at Higher Secondary Stage</td>
<td>NCERT</td>
<td>12-14 September 2007</td>
<td>21</td>
</tr>
<tr>
<td>6</td>
<td>Regional Meeting of Review Committee on Educational Statistics</td>
<td>NCERT</td>
<td>25 September 2007</td>
<td>15</td>
</tr>
<tr>
<td>7</td>
<td>Training of Afghan Teachers</td>
<td>NCERT</td>
<td>11-17 November 2007</td>
<td>32</td>
</tr>
<tr>
<td>8</td>
<td>Group Discussion on Perfect Graphs and Their Application</td>
<td>DST, MHRD</td>
<td>15-24 November 2007</td>
<td>54</td>
</tr>
<tr>
<td>9</td>
<td>Workshop to Review M.Ed. &amp; M.Phil. Syllabus</td>
<td>NCERT</td>
<td>18-20 January 2008</td>
<td>26</td>
</tr>
<tr>
<td>10</td>
<td>Capacity Building of School Librarians to Modernise School Libraries</td>
<td>NCERT</td>
<td>28 January to 1 February 2008</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>One Orientation Programme on Gender Issues in Education with reference to NCF 2005</td>
<td>NCERT</td>
<td>30 January 2008</td>
<td>22</td>
</tr>
<tr>
<td>12</td>
<td>Framing the New Syllabi in Physics, Chemistry and Mathematics for the 4-Year Eight Semester B.Sc.Ed. Programme</td>
<td>NCERT</td>
<td>23-25 October 2007</td>
<td>36</td>
</tr>
<tr>
<td>13</td>
<td>Framing the New Syllabi in English and Social Science for the 4-Year Eight Semester B.A.Ed. Programme</td>
<td>NCERT</td>
<td>26-28 October 2007</td>
<td>39</td>
</tr>
<tr>
<td>15</td>
<td>Workshop to Review Draft M.Ed. &amp; M.Phil Syllabus Developed by RIEM</td>
<td>NCERT</td>
<td>18-20 January 2008</td>
<td>8</td>
</tr>
</tbody>
</table>
**Sarva Shiksha Abhiyan (SSA)**

The SSA cell organised a regional level sharing meeting where different states and UTs participated and shared their experiences. The SSA cell conducted a training programme for the teachers of Lakshadweep and Puducherry on issues related to transaction of content areas and Action Research. A research programme ‘A Study of Retention and Achievement under SSA with respect to the Balika Jyothi programme’ is being carried out in Pallakad District of Kerala. An orientation programme for the SSA functionaries at Lakshadweep on SSA activities is being conducted by the cell.

**SSA Monitoring of Karnataka**

The Monitoring of SSA implementation in different districts of Karnataka such as Mysore, Mandya, Dharwad, Hassan, Davanagere, Raichur and Bidar were completed.

**Research Coordination Cell**

A Research Coordination Cell has been constituted in the institute with a view to institutionalise research activities of the RIE and also creating a climate conducive for undertaking research under different heads such as PAC, Short term projects, departmental research, ERIC, externally funded research and doctoral studies. The RCC has started a seminar forum and so far 8 research student seminars have been presented.

**Working with the Community**

As a part of the Working with the Community Programme for 2-year B.Ed, the students visited the Government High School at Manchegowdana, Koppalu and Metagalli from 10-13 March 2008 and undertook a number of activities in the areas of Science, First Aid, Social Awareness, AIDS, Street Play, Child labour, Child Marriage, Art and Craft, Teaching Aids, Gardening, etc.

**Major Contributions of the Faculty**

**Professor Giridhar T. Bhandage, Principal** monitored and supervised the academic and other activities of the institute which mainly included academic
### International and National Conferences Attended by the Faculty

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name and Designation</th>
<th>City/Country</th>
<th>Purpose of Visit/Title of the Programme</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Prof. G T Bhandage, Principal</td>
<td>Colombo, Sri Lanka</td>
<td>To participate in the Dean’s Forum titled Next Generation Teachers project organised by UNESCO Asia-Pacific held at Colombo, Sri Lanka.</td>
<td>26-28 June 2007</td>
</tr>
<tr>
<td>3.</td>
<td>Dr G Viswanathappa, Reader</td>
<td>Dr. B R Ambedkar Open University, Hyderabad</td>
<td>To present a paper on Effectiveness of e-content on Models of Teaching over the Teaching Competence at Secondary Level in an International Conference on Open and Distance Education held at Dr. B R Ambedkar Open University, Hyderabad</td>
<td>23-25 August 2007</td>
</tr>
<tr>
<td>4.</td>
<td>Dr G V Gopal Reader</td>
<td>New Delhi</td>
<td>To present a paper in a national Conference on Universal Quality School Education, the challenge of the 21st century</td>
<td>21-23 November 2007</td>
</tr>
<tr>
<td>5.</td>
<td>Prof. G T Bhandage, Principal</td>
<td>Periyar University, Salem, Tamil Nadu</td>
<td>To deliver key note address at the inaugural function of the National Seminar on Quality Perspectives in Teacher Education</td>
<td>19 March 2008</td>
</tr>
<tr>
<td>6.</td>
<td>Prof. S. Ramaa</td>
<td>Dravidian University, Kuppayy and Society for Disability and Rehabilitation Studies, New Delhi</td>
<td>To present a paper in a national workshop on Facilitating Public Transportation for Persons with Disabilities organised by School of Education and HRD</td>
<td>22-24 March 2008</td>
</tr>
</tbody>
</table>

Programmes and organisation of IAB, management committee, SCC meetings. He delivered key-note addresses at the national seminar on Quality Concerns in Elementary Education and Research at SRM University, Chennai on 10 September 2007 and in the national seminar on Quality Perspectives in Teacher Education held at Periyar University, Salem on 19 March 2008. He published a research

**Professor Premalata Sharma** participated in M.Ed. and M.Phil curriculum review and finalisation workshops held at NCERT, New Delhi. She participated in the training programme on Use of Multi Media in Education held at RIE, Mysore. She also contributed in the Working with Community Programme. She supervised five M.Ed. dissertations.


**Professor S. Ramaa** presented a paper ‘Development of Independent Travel/Mobility Skills among Students with Learning Disabilities and Risk Taking Behaviour’ in the National Workshop on Facilitating Public Transport for Individuals with Disabilities organised by the Society for Disability and Rehabilitation Studies, New Delhi and School of Education and HRD, Dravidian University, Kuppam, A.P. from 22-24 March 2008. She coordinated the programme ‘Inclusive Education for Tamil Nadu Teachers’ in January 2008. She worked as academic coordinator of the programme on orientation of teachers from KVS, NVS and CBSE affiliated schools on the use of new textbooks at RIE Mysore.

**Professor B.S. Upadhyaya** was a resource person for all the Mathematics related PAC programmes and also helped in organising meetings of the State Coordination Committees (SCC), Institute Advisory Board (IAB), Management Committee (MC), etc. He also monitored all the PAC programmes of the Institute.

**Dr. Manjula P. Rao, Reader** presented a paper ‘Constructivist Enquiry, Achieve Learning and Development Assessment’ in the international seminar held at Homi Bhabha Centre for Science Education (TIFR), Bombay. A training package on Constructivist Approach to Learning of Science is prepared. This package covers eleven modules which touch upon the philosophical and the psychological processes of constructivism, different inquiry and investigatory strategies, constructivist lesson plans in science, different ways of grouping in the classrooms and different assessment strategies that can be used in assessing the learners. Based on this a programme was organised to train the SCERT and DIET personnel of Kerala on Using Constructivist Approach in Teaching of Science. Two workshops were organised to develop materials that would enable SSA functionaries in planning, executing and analysing the research projects.

**Dr. Nidhi Tiwari, Reader** presented a paper ‘Remodelling Transactional Analysis in the light of Child-Centric Education in the Works of R.K. Narayan’ in the National Conference on R.K. Narayan held at the institute from 26-28 February 2008. She organised Hindi Fortnight at RIEM from 14-28 September 2007. She also contributed for the promotion of Hindi among the staff members.
Dr. A. Sukumar, Reader organised the regional seminar on Recent Trends in Environmental Education from 23-25 January 2008 at RIEM.

Dr. Geetha G. Nair, Reader submitted a short term project on ‘A Study of Relations between Socio-Cultural Problems of the Community and Environmental Studies’ in Classes III, IV and V textbooks of NCERT. She is conducting an ERIC project ‘Biology Curriculum of XI Standard vis-à-vis the Development of Life Skills’.

Dr. N.N. Prahallada, Reader attended EDUSAT programme at NCERT, New Delhi as a panelist for the orientation of teacher educators of SCERTs, SIEs, DSERT, CTEs, IASEs and DIETs on 8 and 10 March 2008. He participated as an expert in the U G Syllabus Review Committee of Sikkim University in Deorali, Gangtok on 27 and 28 March 2008. He coordinated the M.Ed. (School Management) programme of the Headmasters from the Republic of Maldives. He also edited RIEM quarterly Newsletter.

Dr. C.G. Venkatesha Murthy, Reader monitored the districts of Mysore, Mandya and Dharwad under SSA and finalised the reports of Mysore and Mandya districts and sent to MHRD. The field work of the four districts, viz. Hassan, Davanagere, Bidar and Raichur is also over and the reports are being consolidated.

Dr. M.S. Srimathi, Reader coordinated the regional workshop on ‘Capacity Building of States through SCERT/Examination Boards on Setting up and Use of Micro Scale Chemistry Laboratory in Schools’ at the institute from 6-7 June 2007. She was involved as a resource person in the programmes ‘Development of Teachers’ Handbook in Chemistry at Higher Secondary Stage’ held at the institute from 4-8 October 2007 and orientation of master trainers of KVS, NVS and CBSE affiliated schools in the use of new NCERT textbooks held in September 2007.

Dr. Anil Kumar K., Senior Lecturer coordinated the programme ‘Capacity building of teacher trainers at the secondary and higher secondary level’ for the participants from Kerala. He co-coordinated a research study ‘Balika Jyothi’ implemented in the Palakkad district of Kerala State under SSA activities. He also edited the book “Career Guidance”. He contributed a module on Career Support Services for the training package on Guidance and Counselling for high school teachers of Tamil Nadu. He also wrote a module on Tools and Techniques for Monitoring and Evaluation for the PAC programme. Capacity building of DSERT, CTEs and DIET faculty in Research Monitoring, Monitoring and Evaluation for Karnataka State.

Ms. Sujatha B Hanchinalkar, Lecturer coordinated Orientation for the faculty of SIEs/SCERTs/DIETs on NCF-2005 for the states of J & K, UP and contributed in the face-to-face training programme of master trainers of KVS, NVS and CBSE affiliated schools on the new NCERT textbooks based on NCF-2005.

Dr. Asha K.V.D. Kamath, Lecturer presented papers ‘Accreditation of Schools Based on Community Linkages’ in the regional seminar held at the institute from 7-9 February 2008, ‘Learning Geography through Maps at Elementary Stage’ in the national seminar held at RIE, Bhopal from 12-14 March 2008 and ‘Map based assessment in Geography’ in the National seminar held at NCERT, New Delhi from 25-26 March 2008. She published two research papers ‘Map Reading Skills among Secondary School Teachers Teaching Social Science’ in the Journal of Teacher Education and Research, in June 2007 and ‘Empowering

**Dr. Prasad V.S., Lecturer** participated as a resource person in the SSA programme for primary and upper primary teachers and teacher educators organised at Agathi and Kavaratti, Lakshadweep Islands in November 2007. He coordinated the programme Identifying and Addressing of the Major Pedagogical Concerns in Teaching Mathematics at Higher Secondary Level in March 2008.

**Demonstration Multipurpose School, Mysore**

**Awards and Prizes Won by Students**
- Spandana J.A. of Class IX received NTSE-2007 scholarship.

**Results of Board Examination, 2007**

<table>
<thead>
<tr>
<th>Class</th>
<th>Class</th>
<th>Students Appeared</th>
<th>Students declared comp/failed</th>
<th>Pass % Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>63</td>
<td>58</td>
<td>03</td>
<td>92%</td>
</tr>
<tr>
<td>XII Science</td>
<td>33</td>
<td>26</td>
<td>06</td>
<td>79%</td>
</tr>
<tr>
<td>XII Humanities</td>
<td>14</td>
<td>12</td>
<td>01</td>
<td>86%</td>
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</tbody>
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