

MINUTES OF THE 44TH MEETING OF THE CENTRAL ADVISORY BOARD OF EDUCATION HELD AT VIGYAN BHAVAN, NEW DELHI ON 13TH AND 14TH SEPTEMBER, 1988 UNDER THE CHAIRMANSHIP OF SHRI P. SHIVA SHANKAR,

h'ble Minister for Human Resource Development, Govt. of India.

Central Advisory Board of Education had its 44th meeting in the Vigyan Bhavan, New Delhi on 3th and 14th of September, 1988. Shri P. Shiv Shankar, Honourable Minister for Human source Development presided.

ticulars of the participants are furnished in Annexure 1.

The Board, before commencing official business, paid homage to the memory of the education scialists/administrators who died while on duty in the plane crash that occurred at Bangkok on the 1 of September, 1988. (Particulars of the deceased and whose names were referred are furnished in 1 nexure 2).

Shri Anil Bordia, welcoming the members of the Board and the invites, made the following roductory remarks:

year 1987-88, having been the first effective year of implementation of National Policy of ucation (NPE), 1986, and resource constraints having emerged in a significant way, the CABE ould go into how the Policy could be implemented as originally envisaged. New bodies like the all lia Council of Technical Education (AICTE) and the National Literacy Mission Authority (NIMA) d come into existence. The National Council of Higher Education and Joint Council of Vocational ucation were being established. So, systems should be brought into force for getting reports to ABE from these bodies even is reports being furnished by CABE's own Committees. About Rs.340 bres had been provided to the States during 1987-88 for implementation of NPE Schemes. States d considerable carry-over funds out of this. An equal amount would be provided during the current ar (1988-89). Effective use of these funds by the States should be urged and discussed by the ABE.

The Minister for Human Resource Development, then, gave

s address. He observed that Education was central to human resource development and that, after

ŧ

LIBRARY & DOCUMENTATION CENTIN

adoption of the ME, the role of CABE had become much more crucial. Education, having, been brought, under the concurrent subject, the Centre and the States had come to share responsibilities. States should prepare reports of implementation of NPE and furnish the same. The question of monitoring of implementation of NPE had also been discussed by the State Education Secretaries and Directors, on 12th September, 1988. The Minister also presented, briefly, the principal recommendations of the CABE Committees, referring to the following:

# **★** Elementary Education

- Continued funding of Operation Blackboard, NFE, etc. Schemes during the VIII Plan.
- Continued funding, significantly, of Operation Blackboard from NREP/RLEGP.
- Careful monitoring of progress towards Universalisation of Elementary Education.

# **◆** Housing

- Construction of cluster of houses in rural/urban areas.
- Financial assistance for teachers to construct their own houses.
- Involvement of CAPART and Voluntary Agencies in provision of houses to teachers.

# **⚠** Scheduled Castes/Tribes/Handicapped

- Micro-Planning
- Recruitment of teachers from SCs/STs.
- Expansion of facilities for SCs/STs
- Preparation of primers in tribal languages.
- Special Schools for the severely handicapped.
- Integrated education for the mildly handicapped.

3

# **◆** Vocationalisation

- States should exhibit greater progress, considering that 1000 Schools had been covered: 3000 courses approved; and Rs.32 crores provided.

# **▲** Languages

- Third language to be considered a pedagogic necessity.
- Survey to be undertaken of third language teaching.

- 5. The Minister mentioned that three CABE Committees could not meet since March, 1988, and that they should come into systematic action too.
- 6. Calling upon the need for quality improvement in Higher and Technical Education, the Minister wanted the AICTE and UGC to perform a close supervisory role. He wanted the strong discouragement of ill- equipped and inadequate colleges. Further, he urged for intensification of research in the Technical Educal Sector.
- 7. The Minister concluded his address after calling for pursuit of the mass campaign under the National Literacy Mission.
- 8. Before general discussions started, the CABE placed on record its appreciation for the services rendered by Shri P.V.Narashimha Rao in his erstwhile capacity as Minister for Human Resource Development and Chairman of the Board.
- 9. Then, the minutes of the 43rd meeting of the CABE were confirmed subject to incorporation of the modifications in terms of emphasis that had already been suggested in writing by the Education Minister of West Bengal, Shri Kanti Biswas.
- 10. The 'Action Taken Report', having been circulated, was taken as read.
- 11. The Chairman, assuring that a summary each of the written statements of State Ministers of Education (as had been received) would be apended to the minutes (Annexure 3), called for brief presentations by the various states.

- 12. The Education Minister of Arunachal Pradesh made the following points:-
- Arunachal Pradesh would provide funds for Operation Black-board under NREP/RLEGP;
- More financial as instance should be given by the Centre to educationally backward States for clearing back-logs of primary schools without building infrastructure;
- Appreciation of flexible UGC norms for Higher Education;
- Assistance to be provided to Arunachal Pradesh under Border Area Development Scheme;
- Full assistance for NFE Centres in educationally backward States; and
- Early provision of buildings, teachers and teaching aids to Navodaya Schools.
- 13. Professor Kothari called for the following:-
- Education being taken seriously;
- Giving concern for the people, providing, Indianised education with importance for India's own anguages and heritage
- 4. Shri Kanti Biswas, Education Minister of West Bengal made the following comments:-
- In the Education sector, without adequate resources, physical targets may not be achieved;

- In the VIII Plan, 6% of the national income should be ear-marked for education; CABE should recommend accordingly; per capita expenditure on Education should be as envisaged in the Kothari Commission report
- Provision for Technical Education has come down in 1988-89. This trend should be corrected.
- Ten percent of Plan allocation should be for education as

envisaged in early stages by personalities like Maulana Abul Kalam Azad.

- System of capitation fees in the academic would should be put an end to.
- Vidyasagar University in West Bengal should be provided resources by UGC without insistence on removal of statutory provisions for the University's democratic system of governance.
- 15. Prof. Yashpal (Chairman (UGC) presented the following suggestions to CABE:
- While Education should be Indianised, it should also adapt itself to the changes in the world, Autonomy for academic institutions becomes relevant in this context;
- Non-viable colleges should be strongly discouraged by the States themselves;
- Existing colleges should be upgraded;
- Education should be connected with all sections of the society; it should be a societal system; and
- Passion for implementation of NPE should be kept alive by acting on the spirit of the Policy.
- 16. Education Minister of Kerala made the following observations:
- without adequate finances, NPE schemes cannot be implemented;
- While education has become a concurrent subject, responsibilities are yet to truly become concurrent;
- Performance of AICTE, it should be ensured, does not become availably obstructionists;
- Survey is being made in Kerala of literacy levels covering people upto 50 years of age with the help of University students and KANFED;

\_

- Vocationalisation Scheme of Kerala deserves to be cleared by the Government of India in quick time; employment for vocational graduates still remains a problem;
- Three language formula should be seriously implemented in CBSE affiliated institutions;
- Centres of excellence identified in existing institutions should be encouraged and developed
- While Kerala has high literacy rate, Technical/Technological institutions in Kerala are not commensurate, in terms of numbers, to the level. of school going population (while Kerala is literate

it is not necessarily educated);

- Proposal of Kerala government to set up three Polytechnics and a women's polytechnic should be cleared by Govt. of India. Certain other Projects of Kerala are pending too. Delays should be avoided;
- Finance Commission's recommendation for funds for school buildings does not cover Kerala and,hence,measures for assisting Kerala are required.
- Education Minister, Kerala also thanked the Chairman, UGC for according full recognition to Mahatma Gandhi University.
- 17. According to Education Minister, Karnataka, Methods of teaching, and books produced should be interesting to the school children
- 18. Education Minister of UP mentioned the following:
- Emphasis given for Elementary Education and Adult Education has indeed been the right approach; Pre- Primary education should be given importance too by integrated on and co-ordinated action as between Education and Health and Family Welfare Departments; efforts could be made to Provide access for education through ICDs projects Anganwadis.
- Secondary schools for girls should be established; Women's Polytechnics are important too.
- 7
- 19. Education Minister, Himachal Pradesh requested for:
- Financial assistance for providing school infrastructure for middle schools too.
- Adequate financial allocations for technical education, failing which Industrial revolution in the country may not be feasible.
- 20. Education Minister, Rajasthan, explained the programme of State for involving village level 'Shiksha Karmis' for providing education at the door steps of the people so that the problem of teachers not taking up employment in villages is solved.
- 21. He also called for assistance for Higher Education under the Border Area Development Programme.
- 22. Further, he reminded that Sanskrit education also deserved financial assistance
- 23. Rajasthan being a very vast state with a large population, according to him, also deserved Technical Education institutions including Polytechnics.
- 24. Shri Aram called for Public involvement in implementation of NPE as in policy formulations. The other points he urged were:
- involvement of Universities in the national Literacy Mission;
- The Gandhian component of NPE should be seriously followed up and Rural Universities should be encouraged;

- emphasis on character development through value education
- 25. Smt. Nirmala Deshpande wanted encouragement of Indian languages in Education. She also said that foreign language Education need not be confined to European languages alone. According to her vocational education should mobilise involvement of agencies like KVIC.
- 26. Minister of Education for Maharashtra gave a resume of steps taken by his State in implementing some NPE schemes. He called for good educational infrastructure for the schools of SCs/STs/Minorities.

- 27. Shri Sunil Dutt pointed out to the deterioration in Education Standards. He called for emphasis on value education.
- 28. At this stage the Board adjourned for lunch after announcement of arrangements for Group discussions. Details of these arrangements are furnished in Annexure 4.
- 29. On 14.9.88, at 12.30 pm consideration of reports of the various groups that had been formed on 13.9.88 started, To begin with, the group report on Technical Education was Presented, covering Research and Development, monitoring and AICTE. A copy of this report is furnished in Annexure 5.
- 30. Smt. Nirmala Deshpande, responding to the report, pointed to the need for halting brain-drain. Shri Kanti Biswas mentioned that ever 2000 researchers were going out of India, half of them to U.S.A., and were not returning to India either. (Prof. Ashok Chandra clarified that the organisation TIFAC could help in identifying technologies which would have pollution implications so as to avoid picking them up. According to him, only development of research infrastructure could help the halting of brain drain over a period. He also referred to researchers going abroad for personal gains and better living). Prof. Yash Pal wanted performance in the area of research, cutting across departments. The national Research Council/ Foundation should play an integrating role in this respect. It is not so much a question of merely creating an institution, Prof, Yash Pal also referred, in this context, to inter-University Centres. The crux of the matter was accessibility to the existing research facilities for the best of talents. in the country.
- 31. Then, the group report on Adult Education was presented. A copy of their group report is Presented in Annexure 6.
- 32. With reference to the report, Dr. Sudhir Roy called for compulsory involvement of all teachers, students and researchers in the mass Programme for eradication of illiteracy, He wanted mass-media support also.

Q

- 33. Shri Raghavanchari wanted involvement of teachers and students even by suspending teaching work in educational institutions for about a year. He also emphasised production of teaching/learning in the mother-tongue.
- 34. Research in the matter of Education Technology for adult literacy was emphasised by Shri Habeeb Tanveer.
- 35. Smt. Agarwal, Education Secretary, Haryana enquired how the teaching period requirements (completion of syllabus) or the students could be taken care of if academic time of the students were to be taken for adult literacy work.

36. Education Secretary advised that this matter could be remitted to the National Literacy Mission Authority. Thereafter, this could come back again before the CABE.

#### Secretary

- 37. Shri Shetty, Education/Tamil Nadu wanted involvement of voluntary agencies He wanted external evaluation of literacy work. Further, he wanted involvement of retired teachers in the mass campaign.
- 38. One other suggestion that emerged was imparting of adult literacy amongst workers gathering for NREP/RLEGP works.
- 39. Report an Higher Education was presented, there-after. (A copy of the report is in Annexure. 7).
- 40. Shri Raghavachari called for restructuring of courses in the Universities, (Shri Yash Pal clarified that at least in 73 Universities, restructuring work had been done).
- 41. Next, the group report on Secondary Education was presented. (copy in Annexure. 8).
- 42. According to Shri Ramlal Parikh three-language formula didn't got implemented in the case of persons who have education outside the formal school system--like for example those having post-basic education. In a sense, according to him, three language learning, with emphasis in English, inhibits access to education provision of which is also one of the objectives of the Policy.

10

Education Secretary clarified that provision under the formula is only for testing competence in Hindi in non-Hindi areas and in a non-Hindi, preferably South Indian Language, in Hindi areas. Migration of teachers would be needed too.

- 43. According to Shri Raghavachari, Hindi was yet to be developed, reflecting the cultural integrity of India. This was needed for effective implementation of the three-language formula.
- 44. Shri B.R. Bhagat wanted Socialistic and Democratic values to be covered too under value education. According to Education Secretary, the values to be cove-red had already been specified in the NPE/POA.
- 45. Mrs. Meira Kumar wanted a total ban on child labour so as to secure more inflow of children in the school system.
- 46. Shri Chandrashekaran, Minister(Education), Kerala, drew attention to the suggestions of the CABE Committee on languages is regards the three-language formula. Dr. Pattanayak of CIIL agreed.
- 47. Shri Aram wanted National Festivals to be covered under value education.
- 48. Shri M.R. Kolhatkar, Adviser, Planning Commission said that usually expenditure on schemes granted in a plan are passed on as liability of States at the end of the Plan and continued funding of schemes in the VIII Plan has to be consistent with All India Policy on the matter. Education Secretary, Andhra Pradesh, didn't agree and wanted special dispensation regarding funding of NPE schemes in the VIII Plan. Shri Kanti Biswas, Education Minister, West Bengal agreed.
- 49. It was generally agreed that the entire question of value education would be remitted to a CABE Committee. 50. The Group report on education of "SC/ST and disadvantages came to be presented

36. Education Secretary advised that this matter could be remitted to the National Literacy Mission Authority. Thereafter, this could come back again before the CABE.

## Secretary

- 37. Shri Shetty, Education/Tamil Nadu wanted involvement of voluntary agencies He wanted external evaluation of literacy work. Further, he wanted involvement of retired teachers in the mass campaign.
- 38. One other suggestion that emerged was imparting of adult literacy amongst workers gathering for NREP/RLEGP works.
- 39. Report an Higher Education was presented, there-after. (A copy of the report is in Annexure. 7).
- 40. Shri Raghavachari called for restructuring of courses in the Universities, (Shri Yash Pal clarified that at least in 73 Universities, restructuring work had been done).
- 41. Next, the group report on Secondary Education was presented. (copy in Annexure. 8).
- 42. According to Shri Ramlal Parikh three-language formula didn't got implemented in the case of persons who have education outside the formal school system--like for example those having post-basic education. In a sense, according to him, three language learning, with emphasis in English, inhibits access to education provision of which is also one of the objectives of the Policy.

10

Education Secretary clarified that provision under the formula is only for testing competence in Hindi in non-Hindi areas and in a non-Hindi, preferably South Indian Language, in Hindi areas. Migration of teachers would be needed too.

- 43. According to Shri Raghavachari, Hindi was yet to be developed, reflecting the cultural integrity of India. This was needed for effective implementation of the three-language formula.
- 44. Shri B.R. Bhagat wanted Socialistic and Democratic values to be covered too under value education. According to Education Secretary, the values to be cove-red had already been specified in the NPE/POA.
- 45. Mrs. Meira Kumar wanted a total ban on child labour so as to secure more inflow of children in the school system.
- 46. Shri Chandrashekaran, Minister(Education), Kerala, drew attention to the suggestions of the CABE Committee on languages is regards the three-language formula. Dr. Pattanayak of CIIL agreed.
- 47. Shri Aram wanted National Festivals to be covered under value education.
- 48. Shri M.R. Kolhatkar, Adviser, Planning Commission said that usually expenditure on schemes granted in a plan are passed on as liability of States at the end of the Plan and continued funding of schemes in the VIII Plan has to be consistent with All India Policy on the matter. Education Secretary, Andhra Pradesh, didn't agree and wanted special dispensation regarding funding of NPE schemes in the VIII Plan. Shri Kanti Biswas, Education Minister, West Bengal agreed.
- 49. It was generally agreed that the entire question of value education would be remitted to a CABE Committee. 50. The Group report on education of "SC/ST and disadvantages came to be presented

next (for copy Annexure 9 may be seen).

- 51. The following discussion ensued on this report:
- Development and. study of tribal language should be emphasised in the report.

(Education Minister, Kerala)

- Teachers of severely handicapped are not adequately remunerated. Regular scales of pay should be evolved and made applicable to them.

(Education Secretary, Orissa)

- There are difficulties in expanding BADEP to border areas

11

other than the present ones, Now, the programme has application to areas on sensitive parts of the border.

(Adviser-Planning Commission)

- Ashram Schools deserved to be emphasised from the point of view of education of tribals in particular.

(Education Secretary, Bihar)

- 52. Finally, the group report on Elementary Education was presented. (For copy, Annexure 10 may be seen).
- 53. The following comments on the report emerged:
- Suitable curricula should be developed for primary and elementary levels for use in the Non-formal Sector for ensuring tame attainment level as in the formal system. (Education Secretary clarified that according to NPE the objective should be to achieve comparable levels of attainment in the NPE Sector).

(Smt. Chitra Naik)

- Library and book production and adult literacy should be inter-woven (Smt. Chitra Naik agreed too), with micro-planning; a Secretariat of CABE could be established to look into financial aspects of implementing CABE recommendations. (Education Secretary observed that under the adult literacy programme(through JSNs.) and under the "Operation Blackboard", library facilities and provision of books are taken care of.)

(Dr. Chattopadhyaya).

- For UEE, local authorities should be deeply involved; a machinery for redressal of grievances of teachers has to be established; RLEGP/NREP funding. of School buildings should be Centrally ensured. [Education secretary wanted appropriate decisions at State level itself for draft of funds from RLBGP/NREP resources released to the State]

(Education Secretary, Tamil Nadu)

- As mid-day meals have been found to influence attendance and retention in Schools, Special funding should be provided for including from the World Bank Source.

(Education Minister,. Kerala)

12

- Predominance should be given for girls' Centres under NPE programme.

(Education Secretary, Orissa)

- Foster-parent Scheme should be conclusively endorsed for adoption and implementation.

(Adviser, Planning Commission)

- 54. On the request of Minister for Human Resource Development, certain general remarks were made by educationists -
- One of the basic features of the NM is removal of formalism de-emphasising of formal schools, books, courses etc; particularly in this context, involvement of the people and a multiplicity of agencies becomes important; participative management of education with the co-operation of teachers and students is important too, education has to be multi-disciplinary an well; quality of education has to be adequately assessed.

(Prof. Rais Ahmed)

- Flexibility in education should be maintained to keep tract of the vast changes in knowledge.

(Prof. Kothari)

- 55. All the Group Reports were adopted taking into account, the various comments mentioned above, Group reports appended reflect the amendments that arose out of the above comments and as finally adopted by the CABE.
- 56. In his concluding remarks, the Chairman made following observations:
- 57. Our education has not changed in substance in the

13

post independence times, Our educational system has to be modulated and articulated to cater to the needs of the Society so that educated unemployment doesn't become a problem. Consciousness in the children regarding a certain linkage between their education and their aim in terms of their future needs, has to be developed.

58. The meeting ended with a vote of thanks to the chair moved on behalf of the Board by Shri Kanti Biswas, Education Minister, West Bengal.

14

# **▲** ANNEXURE I

# LIST OF PARTICIPANTS WHO ATTENDED THE MEETING OF THE CENTRAL ADVISORY BOARD OF EDUCATION HELD ON 13TH AND 14TH SEPTEMBER, 1988.

Shri P. Shiv Shankar,
 Minister of Human Resource in Chair Member-Secretary
 Development

- Dr. Rajendra Kumari Bajpayee, Minister of State for Welfare.
- 3. Shri Anil Bordia, Education Secretary

Member-Secretary

#### MINISTRY OF HUMAN RESOURCE DEVELOPMENT

- Shri J. Veeraraghavan, Secretary (HRD)
- Shri S. Gopalan,
   Additional Secretary
- 3. Prof. Ashok Chandra Education Adviser (T)
- Dr. K. Gopalan, Joint Education Adviser(T)
- 5. Prof S.K. Srivastava, Joint Education Adviser (T)
- Shri Y.N. Chaturvedi, Joint Secretary (S)
- Shri Jagdish Sagar,
   Joint Secretary (EE)
- 8. Dr.(Mrs.)D.M.de Rebello,
   Joint Secretary (P)
- Shri J.D. Gupta, Joint Secretary (U)

- 12. Shri L.S. Narayanan
  Joint Secretary & Financial Adviser.
- 13. Shri S.P. Tuli.
   Director(F)

16. Shri S.K. Handa,
Director (T)

15

- 18. Shri S. Vedantham,
   Director (T)
- 19. Shri C.R. Pillai,
   Deputy Secretary (EE)
- 20. Smt. Kiran Dhingra, Deputy Secretary (EE)
- 21. Shri Narendra Nath,
  Deputy Secretary (AE)
- 22. Shri N. Tirkey,
   Deputy Education Adviser(T)
- 23. Shri I.B. Sangal, DEA (T)
- 24. Shri S.N. Chakraborti, DEA(T)
- 25. Miss Mina Ahuja, DS(P)
- 26. D.K. Panwar, PS to HRM
- 27. Smt. Vimala Ramachandran, Consultant (WD)
- 28. Mrs. S.Brar,
  Deputy Secretary

- 32. Shri B.P. Sharma, AFA
- 33. Shri R.S. Dua, AFA
- 34. Ms. L. Sailo, US

- 36. Shri S.C. Sahai, Deputy Director.
- 37. Shri G. Balachandran, Deputy Director.

- 38. Shri S.K. Grover, Desk Officer
- 39. Shri Vijay Bharat
  AEA(T)

Directorate of Adult Education

- Shri Anil Sinha,
   Director.
- Dr. V. Venkataseshiah,
   Addl. Director.
- Shri R.S. Mathur,Joint Director.

#### PLANNING COMMISSION

Shri M.R. Kolhatkar, Adviser (Education)

#### MINISTRY OF WELFARE

Shri R.K. Saiyed, Additional Secretary.

MINISTARY OF PROGRAMME IMPLEMENTATION

Shri R.K. Mahajan, Consultant

## REPRESENTATIVES FROM STATE GOVERNMENTS

#### ANDHRA PRADESH

- Shri R.V. Vaidyanatha Ayyar, Education Secretary.
- Shri K. Pradeep Chandra, Deputy secretary, Education.

ARUNACHAL PRADESH

Shri A.P. Srivastava, DPI

#### BIHAR

- Shri R.C. Vaish, Additional Commissioner.
- 2. Ms. Neelam Nath,

Director, Adult & NF Education

Shri M.P. Shukla,
 Director, Secondary Education,

17

- 4. Dr. Dhirendra Prasad, Director, SCERT.
- Shri R.P. Sinha, Deputy Director (Primary)

GOA DAMAN & DIU

Dr. Gopal Singh, Lt. Governor.

#### GUJARAT

- Shri K.D. Buddha Additional Chief Secretary.
- 2. Shri A.J. Shukla,
  Director, Adult Education.
- Shri P.M. Parmar,
   Joint Director, Higher Education.
- Prof. N.R. Dave,
   Director, Technical Education.

#### HARYANA

- 1. Ch. Khursheed Ahmed, Education Minister.
- Mrs. Kiran Aggarwal, Education Secretary
- Shri S.S. Kaushal,
   Director, Education
- 4. Shri Chander Bhan,
  Additional Director, School Education.
- Shri M.P. Mittal, Joint Director (VE)
- Dr. Vidya Bhushan, Joint Director (HE)
- 7. Dr. M.L. Ghingan, Dy. Director (HE)

#### HIMACHAL PRADESH

- Shri Sagar Chand Nayar Education Minister
- Shri Attar Singh, Education Secretary
- 3. Shri N.R. Pathak,

#### Director, Education

#### 18

- 4. Shri S.K. Bahl,
  Director, Primary Education
- 5. Shri Mohinder Singh, Dy.Director, (TE)

#### JAMMU AND KASHMIR

- Shri Vijay Bakaya,
   Education Secretary
- Shri G.P. Singh, Director (SE)
- 3. Shri A.S. Bhatt,
   Director (TE)

#### KARNATAKA

- Shri S.K. Das, Education Secretary.
- Shri M. Madan Gopal, Director (AE)
- Shri B.N. Krishna Murthy, Director (TE)

#### KERALA

- Shri K. Chandrasekharan, Education Minister
- Shri M.S.K. Ramaswamy, Commissioner, Education.
- Shri Ram Singh,
   Special Secretary, (GE)
- Shri Thomas D. George,
   Director, Collegiate Education.
- Shri K.V. Madanan,
   Addl. DPI
- Dr. R. Jayaraman, Director(TE)
- Shri N.P. Mathew,
   APS to Minister.

## MAHARASHTRA

 Shri Kamal Kishore Kadam, Education Minister.

- Prof. Javed Khan,
   Minister of State Par Education
- Shri V.R. Dravid,
   Education Secretary.
- 4. Smt. K. Bansal, Secretary (TE)
- Shri K.P. Sonawane,
   Deputy Secretary, Education
- 6. Shri R.S. Jambhule, Director, Education
- 7. Shri K.M. Aedam, Director (VE) & Trg.)
- Shri V.R. Nagpori,
   Director, SCERT
- Shri Vasanth Patil, Director, (AE)
- 10. Shri B.B. Chopane, D.T.E., Bombay.

## MADHYA PRADESH

- Shri Bansilal Ghritlehre, Education Minister.
- Shri Sharad Bohar, Principal Secretary.
- Shri T.N. Srivastava,
   Commissionor, Public Instruction.
- Shri Vinod Chaudhri,
   Commissionor, Public Instruction.
- Dr. U.S. Pathak,
   Addl. Director (HE)
- Shri P.P. Singh, Joint Director (SE)
- Shri Dilip Mehra,
   Addl. Secretary, Tribal Welfare.
- Shri O.A. Keshwani,
   Addl. Director or Technical Education.
- Shri K.D. Saksena, Principal Secretary, Labour and Man-power Planning.

#### MANIPUR

Shri Y. Erabot Singh,

#### Education Minister

20

#### MEGHALAYA

- Shri J. Dhohrmen,
   Education Minister
- Shri T. Aonok,
   Special Secretary.
- 3. Shri R.N. Dutta, Joint DPI

#### NAGALAND

- 1. Shri P. Talitemjen Ao, Education
  - Shri I. Yanger,
     Director, Higher and Tech. Education.
  - 3 Shri Telitsupa, Addl. Directory, Education.
  - Shri T. Ao
     Addl. Director, Education.

#### ORISSA

- Shri J.M. Das Mohapatra, Education Minister
- Miss F. Topno,
   Minister of State for Education
- Shri P.M. Mohapatra, Education Secretary.
- Shri D.K Nanda,
   Education Secretary.
- Shri B.B. Das, Director (TE)
- 6. Shri R.K. Nanda, Director (T & AE)
- 7. Shri S.C. Dash, Director SCERT

#### PUNJAB

- Shri Rajan Kashyap, Education Secretary.
- Dr. Manmohan Singh, Director, (TE)
- Shri Mohan Singh, Director, SCERT.

- 4. Shri Pritam Singh,
  DPI, Primary Education.
- Shri Pritam Singh,
   DPI, Colleges.
- Shri Pritam Singh Bhupall, DPI Punjab.
- Shri Balraj S. Hundal, Daputy Secretary (VE)

#### RAJASTHAN

- Shri B.D. Kalla, Education Minister
- Dr. Girija Vyas,
   Minister of State for Education
- Shri P.B. Mathur,
   Education Secretary.
- 4. Shri S.M. Mehta, OSD, Education
- 5. Shri S.L. Tak, OSD, (TE)
- Smt. Satyavani Sharma,
   Director, College Education
- 7. Shri Lalit K. Panwar,
  Director, Primary & Secondary Education
- 8. Shri C.S. Mehta.
  Director(AE)
- 9. Shri G.P. Sharma, Asst. Director/DOE
- 10. Shri R.R. Harsh,
   PS to Education Minister.
- 11. Shri B.S. Rathore,
   Asst. Director(P)

## SIKKIM

- Shri K.N Upreti,
   Education Minister
- Shri Tashi Tobden,
   Secretary, Education.
- Shri M.C. Mathur, Director of Education
- 4. Shri T.C. Agnihotri,

----

BE, 44 Lat Mile .......

#### Joint Director

22

#### TAMIL NADU

- Dr. H.B.N. Shetty, Education Secretary
- Shri T. Natchimuthu Director(EE)
- Shri V.A. Sivagnanam,
   Directore (NFE)
- Dr. P.S. Subramanian,
   Directore, College Education,
- 5. Dr. N.M. Singaraj, Asst. Director(TE)

#### TRIPURA

- Shri Arun Kumar Kar, Education Minister
- Shri A.K. Mangotra,
   Education Secretary
- 3. Shri H.S. Dhar, Hindi Education Officer.

#### UTTAR PRADESH

- Smt. Swarup Kumari Bakshi, Education Minister
- Shri Prem Narain, Special Secretary, Education
- Shri J.V. Gupta, Director (TE)
- 4. Dr. L.M. Dey, Dy. Director (TE)
- Dr. L.P. Panday, Director, SCERT
- 6. Shri D.P. Khandelwal, Director, Education
- 7. Shri Shardinadu,
  Deputy Secretary, Education
- Dr. B.M.L. Tivari, Director (HE)
- Shri G.V. Pant,
   Addl. Director, Education

WEST BENGAL

 Shri Kanti Biswas, Education Minister

23

- Shri Md. Abdul Bari,
   Minister-in-charge of Mass Education
- Shri A.K. Chatterjee, Secretary (HE)
- 4. Shri N.K.S. Jhala, Secretary (SE)
- Shri N.L. Basak,
   Secretary, Nass Education Extension Deptt.
- 6. Shri S. Ghosh, Director(SE)
- 7. Shri D.C. Das, Director (TE)
- 8. Shri M. Ray, Director (AE)

#### ANDAMAN & NICOBAR ISLANDS

- Shri K. Kandasamy, Councillor, Education.
- Shri K. Sethuraman, Resident Commissioner.

#### CHANDIGARH

- Shri P.K. Verma,
   Home Secretary, Chandigarh Admn.
- Smt Kuldeep Kaur, DPI (S), UT.

#### DELHI

- Shri Kula Nand Bharatiya, Executive Councillor, Education
- Shri G.K, Bhattacharya, Education Secretary
- Shri B. Prasad,
   Secretary & Director, TE.
- Shri S.K. Shukla,
   Addl. Director
- 5. Dr. K.S. Bhandari, Director, SCERT
- 6. Smt D.R. Unnithan,
  Principal, State Institute of Education.

#### LAKSHADWEEP

- Shri M.P. Bansal,
   Director, Education.
- Shri P.R. Narayanan, Information Officer

24

#### PONDICHERRY

- Shri S. Krishnan, Education Secretary.
- Shri A. John Louis, Joint Director, Education
- Shri M.S. Krishna Murthy,
   Addl. Director(TE)

#### NON-OFFICIAL MEMBERS

- Shri Sunil Dutt, Member of Farliament
- Ms. Meira Kumar, Member of Parliament
- Shri Habib Tanvir,Naya Theatre.
- Dr. Hakim Syed Khaleefatullah, President, Central Council of Indian Medicine.
- Shri V.P. Raghavachari,
   Progressive Educational Herald,
- Shri Syed Hasan,
   Director. Insan School, Purnea
- Dr. M. Aram, Former V.C
- Dr. D.P. Pattanayak,
   Dir., CIIL, Mysore
- Prof. Rais Ahmed, Former U.C.
- Smt. Nirmala Deshpande, Social Worker.

# NATIONAL INSTITUTE OF EDUCATIONAL PLANNING AND ADMINISTRATION

- Prof. Satya Bhushan, Director
- Shri R.P. Singhal, Fellow
- 3. Shri R.P. Singhal,

Executive Director

Shri P. Govinda,
 Fellow

## NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

- Prof. P.L. Malhotra, Director
- Prof. H.S. Srivastava,
   Dean, Academic

25

- Prof. A.K. Mishra, Head, Deptt. of VE
- 4. Shri K. Ramachandran, Reader

#### UNIVERSITY GRANTS COMMISSION

- Prof. Yash Pal, Chairman
- Prof. S.K. Khanna, Secretary
- Dr. D.G. Dandapat,
   Deputy Secretary
- Dr. M.L. Mehta, Joint Secretary
- 5. Shri D.P. Hira, Joint Secretary

INDIRA GANDHI NATIONAL OPEN UNIVERSITY

Dr. G. Ram Reddy, Vice-Chancellor

#### CENTRAL BOARD OF SECONDARY EDUCATION

 Dr. H.S. Singha, Chairman

#### NATIONAL BOOK TRUST

- Shri Arvind Kumar, Director
- Shri D. Eas Gupta, Deputy Director

## INDIAN COUNCIL OF AGRICULTURAL RESEARCH

Shri P. B. Mathur Asst. Director Particulars of persons who died in the Plan crash at Bangkok on 9th September, 1988.

Shri D.R.Bansal,
 Director(s),
 Deptt. of Education,
 New Delhi.

Leader

 Dr. S.K.Saini, Reader, Population Education cell, DESSH, N C E R T, New Delhi.

Dy.Leader

- Dr. R.M.Mishra,
   Director, Population Education Cell and Principal, State Institute of Education, Allahabad-211002.
- Shri H.S.Gill,
   Director, SISE & Population Education
   Project,
   Co. No. 66-67, Sector 17-A,
   Chandigarh-160 017
- 5. Shri A.Ramakrishna Rao Director, DSERT, & Karnataka, Population Cell, B.P.Wadia Road, Rasarangudi, Bangalore-560 004.
- 6. Dr. B.K.Bali,
   Director, SCERT(H.P.) & P.E.Cell,
   Solan-173212 (H.P.)
- 7. Dr. I.P.Mowani
  Director State Institute of Education
  and Population Education Cell
  Ra-khad, Ahmedabad-380 001 (Gujarat)
- Prof. Talitsuba,
   Director, P.E.Cell and Joint Director,
   SCERT, Nagaland
   Kohdama-797001.













