[8] A statement of the boards, councils, committees and other bodies consisting of two or more persons constituted as its part or for the purpose of its advise, and as to whether meetings of those boards, councils, committees and other bodies are open to the public, or the minutes of such meetings arc accessible for public;

### Constitution of Council,

Biotech Council is constituted by Govt. of Gujarat vide resolution no. BIO-29-2000-1780-K.6, dated 17/8/2000

Sr. No.	Name and / or Designation	Status
1	Chief Minister, Gujarat	Chairman
2	Minister of State, Industries.	Member
3	Chief Secretary, GOG	Member
4	Secretary, DBT, GOI	Member
5	Principal Advisor, GOG For B.T	Member
6	Principal Secretary (Finance), GOG	Member
7	Principal Secretary (Industries & Mines), GOG	Member
8	Principal Secretary (Forest & Environment), GOG	Member
9	Secretary (Higher & Technical Education), GOG	Member
10	Secretary (Health), GOG	Member
11	Secretary, DST, GOG	Member
12	Secretary (Agriculture), GOG	Member
13	Dr. S.P.S. Khanuja, Director, Central Institution of Medical, Automatic Plan & Land – LIMAP	Member
14	Dr. Bharat Chattoo, Head of Biotechnology Programme, MSU	Member
15	Vice - Chancellor, Anand Agriculture University	Member
16	Dr. Datta Madamwar, Head, Dept. of Bio Science, SPU	Member
17	Dr. Harish Padh, Director, B.V. Patel Centre for Pharmaceutical Education & Research Development, Ahmedabad.	Member
18	Dr. Lalji Sing, Director, Centre for Cellular and Molecular Biology, Hyerabad.	Member
19	Dr. V.R. Kamboj, President, National Academy of Science, Allahabad.	Member
20	Director, Central Salt & Marine Chemicals Research Institute	Member
21	Prof. Subhash Chand, IIT, New Delhi.	Member
22	Shri Pankaj Patel, CMD, Zydus Cadilla Ltd., Ahmedabad.	Member
23	Shri Sudhir Vaid, MD, Concord Biotech Ltd., Ahmedabad.	Member
24	Dr. Farzaan Engineer, MD, Quaintiles Spectral (India) Ltd., Ahmedabad.	Member
25	Director, Gujarat State Biotechnology Mission	Member Secretary
26	Dr. S. Nagrajan, Director, IARI, New Delhi	Member
27	Director, National Institute of Oceanography, Goa.	Member
28	Dr. Amit Ghosh, Scientist, Director IMTECH, Chandigarh.	Member
29	Dr. P.K.Ghosh,Advisor,Cadila Pharmaceticals ,Ahmedabad	Member
30	Dr. Amrita Patel,NDDB,Anand	Member
31	Shri P.K.Desai,Chairman,Span Diagnostic Ltd,Baroda.	Member
32	Dr.V Chothaiwala, General Manager, Center for Molecular B.T, Torrent Research Centre, Bhatt	Member
33	Dr. Devyani R Tipre, Research Associate, Gujarat University	Member

## Constitution of Governing Body:

Sr. No.	Name and/or Designation	Status
1	Chief Secretary, Gujarat State	Chairman
2	Addll. Chief Secretary, Science & Technology, GOG,	Member
3	Pri. Secretary, Finance, GOG,	Member
4	Pri. Secretary (Industries & Mines) GOG	Member
5	Pri. Secretary (Health) GOG	Member
6	Pri. Secretary (Agriculture) GOG	Member
7	Pri. Secretary (Forest & Environment) GOG	Member
8	Pri. Secretary (Higher & Technical Education) GOG	Member
9	Dr. M. K. Bhan, Secretary, DBT, GOI	Member
10	Prof. Bharat B. Chattoo, Co-coordinator, Biotechnology Programme, Dept. of	Member
	Microbiology and Biotechnology Centre, M. S. University of Baroda	
11	Prof. Harish Padh, Director, B. V. Patel Centre for Pharmaceutical Education and	Member
	Research Development, Ahmedabad	
12	Dr. P. K. Ghosh, Adviser, DST, GoG	Member
13	Prof. Datta Madamwar, Head, Dept. of Biosciences, S. P. University, V. V. Nagar	Member
14	Director, Central Salt and Marine Chemicals Research Institute, Bhavnagar	Member
15	Shri Pankaj Patel, Zydus Cadilla	Member
16	Dy. Secretary, Biotechnology, Science & technology, GOG	Member
17	Director, BISAG	Member
18	Advisor, GUJCOST	Member
19	Mission Director, Gujarat Biotechnology Mission	Member -
		secretary
20	Dr.Rashik Itaiya, Italiya Biotech Ltd, Surat	Member
21	Dr. Manju Sharma, Principal Advisor, DST, GOG	Special Invite

## Constitution of executive committee

Sr. No.	Name and/or Designation	Status
1	Secretary, Science & Technology, GOG,	Chairman
2	Secretary (Agriculture) GOG	Member
3	Pri. Secretary, Higher Education,GOG	Member
4	MD,GSBTM	Member
5	Advisor, GUJCOST	Member
6	Director, BISAG	Member
7	Joint Secretary, BT	Member
8	Advisor, Cadila, Ahmedabad	Member
9	Director, PERD, Ahmedabad	Member

# Constitution of State Biotechnology Coordination committee

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Sr. No.	Name and/or Designation	Status
1	Chief Secretary, Gujarat State	Chairman
2	Principal Secretary (Health & Family Welfare), GOG	Member
3	Principal Secretary (Industries & Mines), GOG	Member
4	Principal Secretary (Forest & Environment), GOG	Member
5	Principal Secretary (Agriculture & Cooperation), GOG	Member
6	Secretary (Water Supply), GOG	Member
7	Secretary, DST, GOG	Member
0	State Microbiologist & Pathologist, Prof. of Microbiology, Medical	Member
8	College, Civil Hospital, Ahmedabad	
9	Chairman, Gujarat Pollution Control Board	Member

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	10	Additional Chief Secretary, Environment	Member Secretary

### Constitution of District Biotechnology Coordination committee

Sr. No.	Name and/or Designation	Status
1	District Collector	Chairman
2	Factory Inspector	Member
3	Concerned Regional Officer of Gujarat Pollution Control Board	Member
4	Chief Medical Officer	Member Secretary
5	District Agriculture Officer	Member
6	Representative of Public Health Engineering Department	Member
7	District Microbiologist, Pathologist	Member
8	Commissioner Municipal Corporation / Concerned Chief Officer of Municipality	Member

### Constitution of various proposed committee,

### International Visionary Group\*

This Group constituting of eminent scientists, industrialists, etc. professionals having vast experience overseas and hailing from Gujarat would provide its input and support in terms of knowledge, liaisons and linkage. This committee shall act as the wisdom bank for the state in biotechnology matters.

#### Chairperson:

Very well renowned scientist with proven administrative abilities OR **Ex-Officio:** Secretary, DST, GoG

#### Vice-Chairperson:

Ex-Officio: Mission Director, GSBTM, DST, GoG, Gandhinagar

#### **Special Invitees:**

Principal Advisor to GoG

Advisor to GoG

Dr. Goverdhan Mehta, Director, IISc Bangalore, etc;

Mr. Utkarsh Palnitkar, International Advisor, Ernst & Young

### Members:

- Dr. Anand M. Chakraborty, University of Illinois, Chicago, IL
- Prof. C. V. Ramakrishna, ex-Head, Dept. of Biochemistry, M. S. University of Baroda,
- Dr. Autar K. Mattoo, USDA-ARS Vegetable Laboratory, Beltsville, MD
- Prof. V. K. Shah, Retd. Prof. Univ. of Madison, Madison, WI, USA
- Dr. Ashok Amin, Dept. of Genetics, Virginia Tech, Blacksburg, VA, USA
- Prof. M. S. Patel, SUNY Buffalo, NY, US
- Dr. Karuna Sampath, Temasek Life Science Laboratory, Singapore
- Dr. Bharat Patel, Griffith University, Queensland, Australia
- Dr. Samir Shah, Johnson & Johnson, CPPW, USA
- Dr. Gagan Pandya, The Institute of Genomic Research, Maryland
- Dr. Trilok Parekh, Johnson & Johnson Pharmaceutical, NJ, USA
- Prof. Abhay Dandekar, University of California, California, CA, USA
- Dr. Sudhir Sahasrabudhe

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

- Dr. Ashok Kulkarni, Director, FGUGT Facility, NICDR, NIH, Bethesda, MD, USA
- Dr. Bharat Parekh, CDC, Atlanta
- Dr. J. Gowrishankar, CCMB, Hyderabad
- Dr. Ramchand, Kemin India, Chennai
- Shri Utkarsh Palnitkar, Ernst & Young
- Shri Anand Govindulari, Temasek Holdings Pvt. Ltd., Singapore
- Dr. Sanjay Nagarkar, Globex Biotech Ltd., Hong Kong

Member Secretaries: Sector Specialists, GSBTM, DST, Go G

### <u>Technical:</u>

It has been envisaged that the technical issues shall be handled through Various Technical Committees and Technical Cells coordinated by a few Sector Specialists that have been appointed.

#### Technical Committees:

- These committees are chaired by Principal Secretaries/Secretaries [Senior Level Officer] of respective State Government Departments or an eminent scientist of the field and have as their members: Eminent researchers/scientists, academicians, industrialists of the same field as members with a provision for inviting eminent professionals of the field as Special Invitees.
- These committees shall advise and facilitate in planning and ≻ preparation of sector specific strategies, short/long term action plans, encompassing the aspects of human resource development, infrastructure development, research and innovation, Biotechnology entrepreneurship business, awareness, public participation and biotechnology promotion etc.
- These Committees include the ones for: Human Resource Development; Research & Development; Agriculture Biotechnology; Animal Biotechnology and Food & Dairy Biotechnology; Industrial Biotechnology; Biotechnology Business Promotion; Environmental and Marine Biotechnology; Medical and Pharmaceutical Biotechnology & Bioinformatics; and the one on Futuristic Biotechnology

## Human Resource Development Committee\*

**<u>Chairman</u>**: Ex-Officio: Pri. Secretary, Dept. of Education, GoG, Gandhinagar

Vice-Chairperson: Ex-Officio: Mission Director, GSBTM, DST, GoG Special Invitees:

- Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- > Dr. M. S. Patel, State University of New York at Buffalo, USA
- > Dr. Bharat Patel, Griffith University, Australia
- Dr. Goverdhan Mehta, Director, Indian Institute of Sciences [IISc], Bangalore

### Members:

- 1. Commissioner, Higher Education, GoG
- 2. Commissioner, Technical Education, GoG
- 3. Ex-Officio: Chairman, UGC, New Delhi or Representative of UGC
- 4. Ex-Officio: Member Secretary, National HRD Task Force, DBT, MST, Gol
- 5. Representative of DST, DSIR, DCGI, etc.
- 6. Prof. S. C. Lakhotia, Banaras Hindu University, Varanasi
- Prof. B. B. Chattoo, Co-ordinator, Biotechnology Programme, Dept. of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara
- 8. Prof. Datta Madamwar, Head, Dept. of Biosciences, S. P. University, V. V. Nagar

### Member Secretaries:

Sector Specialists, GSBTM, Department of Science & Technology, Government of Gujarat

# Research & Development Advisory Committee\*

<u>Chairperson</u>: Ex-Officio: Member Secretary, Biotechnology Research & Promotion Committee [BRPC], Department of Biotechnology (DBT), Govt. of India [GoI]

Vice-Chairperson: Ex-Officio: Mission Director, GSBTM, DST, GoG Special Invitees:

- Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- Dr. Amit Ghosh, ex-Director, Institute of Microbial Technology [IMTech], Chandigarh
- > Dr. M. Vijayan, Indian Institute of Sciences [IISc], Bangalore
- > Dr. V. P. Kamboj, Former Director CDRI and Chairman, BCIL
- Dr. Devinder Sharma, Forum for Biotechnology & Food Security, New Delhi

### Members:

- 1. Representative of DST, DSIR, DCGI, etc
- 2. Dr. Goverdhan Mehta, Director, Indian Institute of Sciences [IISc], Bangalore
- 3. Dr. Lalji Singh, Director, Centre for Cellular & Molecular Biology [CCMB], Hyderabad
- 4. Dr. Suman Sahai, GeneCampaign, New Delhi
- 5. Dr. Amrita Patel, Chairman, NDDB, Anand
- Prof. B. B. Chattoo, Co-ordinator, Biotechnology Programme, Dept. of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara
- 7. Prof. Datta Madamwar, Co-ordinator, Biotechnology Programme, Dept. of Biosciences, S. P. University, V. V. Nagar
- 8. Prof. A. J. Desai, Dept. of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara
- 9. Secretary, All India Biotechnology Association, Gujarat Chapter
- 10. Secretary, Society of Biological Chemists, Gujarat Chapter
- 11. Secretary, Association of Microbiologists of India, Gujarat Chapter
- 12. Shri Piyush Palkhiwala, Chairman, MAPS Enzymes, Ahmedabad
- 13.Shri B. B. Lohray, Zydus Research Centre, Ahmedabad
- 14. Shri Chaitanya Dutt, Torrent Research Centre, Ahmedabad
- 15.Dr. Amarjit Singh, SPARC, Vadodara

<u>Member Secretaries</u>: Sector Specialists, GSBTM, Department of Science & Technology, Government of Gujarat

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

# Agriculture Biotechnology Committee\*

**Chairperson:** Ex-Officio: Secretary, Dept. of Agriculture & Co-operation, GoG

Vice-Chairperson: Ex-Officio: Mission Director, GSBTM, DST, GoG

### Special Invitees:

- > Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- > Dr. S. Nagarajan, Director, IARI, New Delhi
- Dr. Mangala Rai, Director General, ICAR; & Secretary, Dept. of Agricultural Research & Education, New Delhi
- Dr. S. P. S. Khanuja, Director, Central Institute of Medicinal and Aromatic Plants, Lucknow
- Dr. P. S. Ahuja, Director, Institute of Himalayan Bioresource Technology, Palampur, H.P.
- Member Secretary, DBT Task Force on Agriculture Biotechnology: Dr. R. R. Sinha or Dr. K. S. Charak, Advisor, DBT, MST, Gol
- Member Secretary, DBT Task Force on Medicinal & Aromatic Plants: Dr. Mohd. Aslam, Addl. Director, DBT, MST, Gol
- Prof. Asis Datta, Director, National Centre for Plant Genome Research, New Delhi
- Prof. Akhilesh Tyagi, DUSC, New Delhi
- > Prof. Eleanore Wurtzel, Lehman College, City University of New York,
- > Director General, IRI, Philippines

### Members:

- 1. Dr. C. S. Nautiyal, Dy. Director, National Botanical Research Institute, Lucknow
- Prof. B. B. Chattoo, Director, Genome Research Centre, Dept. Of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara
- 3. Dr. Suman Sahai, Gene Campaign, New Delhi
- 4. Dr. V. S. Thaker, Dept. of Biosciences, Saurashtra University, Rajkot
- 5. Dr. G. C. Jadeja, Head, Dept. of Plant Biotechnology, Anand Agriculture University, Anand
- 6. Dr. M. S. Basu, Director, National Research Centre in Groundnut, Junagadh
- 7. Dr. Satyabrata Maiti, Director, National Research Centre in Aromatic and Medicinal Plants, Boriavi, Anand
- 8. Dr. Krishna M. Ella, CMD, Bharat Biotech Ltd. Hyderabad
- 9. Nominee from Bayer Cropsciences Ltd. Shri M. M. Datar

Member Secretary: Sector Specialist (Agriculture), GSBTM, DST, GoG

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

# Animal Biotechnology and Food & Dairy Biotechnology Committee\*

**Chairperson:** Ex-Officio: Secretary, Dept. of Agriculture & Co-operation, GoG

### Vice-Chairperson: Ex-Officio: Mission Director, GSBTM, DST, GoG

### Special Invitees:

- Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- Member Secretary, DBT Task Force on Animal Biotechnology: Dr. A. K. Rawat, SSO-I, DBT, MST, Gol
- Member Secretary, DBT Task Force on Seri Biotechnology: Dr. Mohd. Aslam, Addl. Director, DBT, MST, Gol
- Member Secretary, DBT Task Force on Foods & Nutrition Security: Dr. Rajesh Kapur, Director, DBT, MST, Gol
- Dr. T.J. Rasool, Station Incharge, Indian Veterinary Research Institute (IVRI), Mukteswar, Nainital
- Dr. A.J. Rao, Department of Biochemistry, Indian Institute of Science, Banglore
- Secretary, Dept. of Animal Husbandary & Dairying, MAHD, Gol or his representative
- > Dr. Kamala Krishnaswamy, Director, NIN, Hyderabad
- Dr. V. Prakash, Director, Central Food Technology Research Institute [CFTRI], Mysore

### Members:

- 1. Dr. Devinder Sharma, Forum for Biotechnology & Food Security, New Delhi
- 2. Prof. S. S. Sannabhadti, Principal & Dean, SMC College of Dairy Science, Anand Agriculture University, Anand
- 3. Prof. U. V. Mani, Head, Dept. of Foods & Nutrition, M. S. University of Baroda, Vadodara
- 4. Ms. Amrita Patel, Chairman NDDB, Anand Ex-Officio
- 5. Dr. M. P. Yadav, Director, IVRI, Izatnagar, Bareilly
- 6. Director, National Dairy Research Institute, Karnal, Haryana
- 7. Dr. A.K. Mukhopadhyay, Consultant, Animal Husbandry Department, GOI
- 8. Dr. H. K. Pradhan, Joint Director, HSADL, Anand Nagar, Bhopal
- 9. Dr. V.K. Batish, Head, Dairy Microbiology Division, National Dairy Research Institute, Karnal
- 10. Shri Rajiv Gandhi, MD, Hester Pharmaceuticals (Poultry Vaccines), Ahmedabad
- 11. Nominee from Amul Industries, Anand

**Member Secretary:** Sector Specialist (Animal Biotechnology), GSBTM, DST, GoG

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

# Industrial Biotechnology Committee\*

**Chairperson:** Ex-Officio: Pri. Secretary, Dept. of Industries & Mines, GoG **Vice-Chairperson:** Ex-Officio: Mission Director, GSBTM, DST, GoG **Special Invitees:** 

- Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- > DBT Nodal Officer for Industrial Biotechnology: Dr. K. K. Tripathi
- Member Secretary, DBT Task Force on Biotechnology Product & Process Development (Industrial, Microbial & Food): Mrs. Suchita Ninawe, Prin. Sci. Officer, DBT, MST, Gol
- Member Secretary, DBT Task Force on Infrastructure and Centres of Excellence: Dr. B. S. Das, Advisor, DBT, MST, Gol
- Villoo Morawala Patell, Astra Zeneca
- > Swati Piramal, Nicholas Piramal, Mumbai
- > Kiran Mazumdar Shaw, Biocon, Bangalore

### Members:

- 1. Prof. Datta Madamwar, S. P. University
- 2. Prof. A. K. Shah, M. S. University of Baroda
- 3. Prof. C. E. Subramaniam, Retd. Prof.
- 4. Prof. Subhash Chand, Indian Institute of Technology [IIT], New Delhi
- 5. Dr. Lala, Indian Institute of Technology [IIT], Mumbai
- 6. Shri Piyush Palkhiwala, Chairman, MAPS
- 7. Dr. Sudhir Vaid, Concord Biotech

Member Secretary: Sector Specialist (Industry), GSBTM, DST, GoG

## **Biotechnology Business Promotion Committee\***

**Chairperson:** Ex-Officio: Pri. Secretary, Dept. of Industries & Mines, GoG **Vice-Chairperson:** Ex-Officio: Mission Director, GSBTM, DST, GoG **Special Invitees:** 

- Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- Secretary, DSIR, Gol Dr. R. A. Mashelkar
- Chairman, National S&T Entrepreneurship Development Board & Secretary, DST, MST, GoI: Dr. V. S. Ramamurthy or his representative
- Secretary, Dept. of Industrial Policy & Promotion, MC, Gol: Shri A. K. Jha or his representative
- Secretary, Dept. of Commerce, MC, GoI: Shri S. N. Menon or his representative
- > DBT Nodal Officer for Biotech Parks: Dr. K. K. Tripathi
- Member Secretary, DBT Task Force on Infrastructure and Centres of Excellence: Dr. B. S. Das, Advisor, DBT, MST, Gol
- > Shri Ashok Hingorani, Advisor to Shapoorji Palloonji Group
- Shri Anuj Kapoor, Ernst & Young, Hyderabad
- > Dr. R. T. Ravi, MD, Krebs Biochemicals, Hyderabad

#### Members:

- 1. Dr. Ashok Pande, Dy. Director, CSIR-RRL, Trivendrum
- 2. Shri Piyush Palkhiwala, Chairman, MAPS
- 3. Dr. Sudhir Vaid, Concord Biotech
- 4. Representative of FICCI, Gujarat Chapter
- 5. Representative of CII, Gujarat Chapter
- 6. Representative of Shapoorji Pallonji Biotech Park, Hyderabad
- 7. Representative of GBTP, Baroda
- 8. Member Secretary, GBVF
- 9. Chairman, G. S. Financial Corp., G' ngr
- 10.Managing Director, Gujarat Industrial Investment Corporation, Gandhinagar
- 11.Chairman, Entrepreneurship Development Institute [EDI], Bhat village, G'nagar
- 12.Chairman, Centre for Entrepreneurship Development [CED], Udyog Bhavan, Gandhinagar
- Member Secretary: Sector Specialist (Industry), GSBTM, DST, GoG

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

## Environmental and Marine Biotechnology Committee\*

Chairperson: Ex-Officio: Secretary, Dept. of Forests & Environment, GoG Vice-Chairperson: Ex-Officio: Mission Director, GSBTM, DST, GoG Special Invitees:

- Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- > Dr. Raghevendra Gadagkar, Indian Institute of Sciences, Bangalore
- Member Secretary, DBT Task Force on Biodiversity Conservation and Environment: Dr. (Mrs.) Suman Govil, Director, DBT, MST, Gol
- Member Secretary, DBT Task Force on Aquaculture & Marine Biology: Dr. A. S. Ninawe, Director, DBT, MST, Gol
- Brig. (Dr.) R. Sivakumar, Head, Natural Resources Data Management System, DST, MST, Gol
- Prof. Y. K. Gupta, Director, Indian Toxicological Research Centre, Lucknow
- > Dr. S. R. Shetye, Director, National Institute of Oceanography, Goa **Members:** 
  - 1. Prof. Datta Madamwar, Dept. of Biosciences, S. P. University, V. V. Nagar
  - Prof. A. J. Desai, Department of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara
  - 3. Prof. S. R. Dave, Department of Microbiology, Gujarat University
  - 4. Dr. CRK Reddy, Centre for Salt & Marine Chemicals Research Institute [CSMCRI], Bhavnagar
  - 5. Dr. S. P. Singh, Saurashtra University
  - Prof. A. K. Shah, Department of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara
  - 7. Head, Aquaculture Department, South Gujarat University, Surat
  - 8. Dr. Y. K. Singh, Director, Gujarat Institute of Desert Ecology, Bhuj
  - 9. Representative of Gujarat Ecological Commission
  - 10.Prof. UMX Sangodkar, Head, Dept. of Marine Biotechnology, Goa University, Goa
  - 11.Prof. S. Marvinkurve, Head, Dept. of Marine Microbiology, Goa University, Goa
  - 12. Conservator of Forests, Marine National Park, Jamnagar
  - 13. Director, Gujarat Maritime Board, GoG
  - 14.Shri Suketu Shah, Associated Environment Engineers Pvt. Ltd., Vadodara

**Member Secretary:** Sector Specialist (Environmental & Marine Biotechnology), GSBTM, DST, GoG

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

# Medical and Pharmaceutical Biotechnology & Bioinformatics Committee\*

Chairperson: Ex-Officio: Secretary, Dept. of Health, GoG Vice-Chairperson: Ex-Officio: Mission Director, GSBTM, DST, GoG Special Invitees:

- Principal Advisor to GoG Dr. Manju Sharma
- Advisor to GoG Dr. P. K. Ghosh
- > Dr. G. P. Talwar, ex-Director, ICGEB, New Delhi
- > Prof. P. Rama Rao, Director, NIPER, Chandigarh
- > Dr. P. N. Tandon, Director, NBRC, Noida
- > Dr. G. C. Mishra, NCCS, Pune
- Member Secretary, DBT Task Force on Medical Biotechnology: Dr. S. Sinha or Dr. Bindu Dey, Director, DBT, MST, Gol
- > Dr. Madan Mohan, Advisor, DBT, GoI and Incharge of BTIS-Net
- Dr. Ramkrishna, Director General, Centre for Development of Advanced Computing [CDAC], Pune

#### Members:

- 1. Dr. Harish Padh, Director, B. V. Patel PERD Centre, Ahmedabad
- 2. Dr. Pankaj Shah, Director, Gujarat Cancer Research Institute, Ahmedabad
- 3. Principal, L. M. College of Pharmacy, Gujarat University, Ahmedabad
- 4. President, Indian Drug Manufacturers' Association, Gujarat Chapter
- 5. Dr. Shivprakash, Synchron, Ahmedabad
- 6. Dr. B. B. Lohray, Zydus Cadilla Research Centre, Ahmedabad
- 7. Dr. Chaitanya Dutt, Torrent Research Centre, Gandhinagar
- 8. Dr. Vijay Shah, Indu Health Research Foundation, Vadodara
- 9. Dr. Kundu, Alembic
- 10.Prof. Kamal Pathak, Dean, Medical College, M. S. University of Baroda
- 11.Prof. R. S. R. Murthy, Dept. Of Pharmacy, Faculty of Technology [Kalabhavan], M. S. University of Baroda, Vadodara

**Member Secretary:** Sector Specialist (Medical & Health-care Biotechnology), GSBTM, DST, GoG

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

### Visionary Group on Future Biotechnology\*

**Chairperson:** Ex-Officio: Secretary, Dept. of Science & Technology, GoG **Vice-Chairperson:** Ex-Officio: Mission Director, GSBTM, DST, GoG **Special Invitees:** 

Principal Advisor to GoG – Dr. Manju Sharma Advisor to GoG – Dr. P. K. Ghosh

### Members:

- 1. Prof. D. Balasubramaniam, Director, L. V. Prasad Eye Hospital, Hyderabad
- 2. Dr. G. P. Talwar, ex-Director, International Centre for Genetic Engineering and Biotechnology, New Delhi
- 3. Prof. M. K. Chandrasekharan, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
- 4. Dr. Jayant Naralikar, Director, Inter-University Consortium of Astronomy, Pune
- 5. Dr. Madhav Gadgil, Indian Institute of Sciences, Bangalore
- 6. Dr. Vineeta Baal, National Institute of Immunology, New Delhi
- 7. Dr. Gopakumar Nair, Mumbai
- 8. Dr. Raghavendra Gadagkar, Indian Institute of Sciences, Bangalore
- 9. Dr. Dhanjaya Sarnath, Reliance Life Sciences, Mumbai
- 10.Dr. P. N. Tandon, Director, NBRC, Noida
- 11.Director, Advanced Research Centre for Treatment and Research in Cancer, TMH, New Mumbai
- 12.Dr. G. C. Mishra, NCCS, Pune
- 13.Dr. D'Souza, Bhabha Atomic Research Centre [BARC], Anushaktinagar, Mumbai
- 14.Dr. Vijay Shah, IHRF, Vadodara
- 15.Dr. Rashmi Barbhaiya, Dynematics Inc. New Delhi
- 16.Prof. B. B. Chattoo, Director, Genome Research Centre, Dept. of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara

Member Secretary: Sector Specialist, GSBTM, DST, GoG

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

### Technical Cells:

The following Technical Cells have been envisaged for facilitating the work and providing the support services: IPR cell, technology facilitation cell, Entrepreneurship and Business promotion cell, public awareness generation cell, resource cumdatabase centre, and thus provide specialized services.

### **Regulatory Framework:**

- The state has a sense of high regards for the efforts of mankind to address the apprehensions & reduce all possible threats to the biological diversity taking also into account the risks to the human health through efforts such as Cartagena Protocol, Codex Alimentarius, Precautionary Principle as pronounced in the Principle 15 of Rio Declaration etc.
- At the same time, the state has also recognized the true potential of modern biotechnology for promotion of the well-being of living forms, in general and humans, in specific, particularly in meeting critical needs for life (inclusive of food, agriculture & health-care) and Industry. The state supports the National Biotechnology Strategy notion of efficient regulation for speedy & low cost production for Biotechnology products for social & economic good.
- It is, hence, not the motive of the State Government to become yet another Invigilator in addition to the National Mechanism but to facilitate easy sanctions, approvals and accreditations of the state organizations from National and International Agencies.
- In addition, it would also be mandatory to maintain with requisite sternness the emphasis for Quality Assurance in the Biotechnology Products, Processes & Services offered by the state agencies with the highest Ethical Standards.

For this purpose, a committee chaired by the Principal Secretary (Forests & Environment Dept.) and consisting of representatives from Department of Forest & Environment, MEF, GoI; State Nodal Officer, Biosafety Committee, DBT, GoI; Drug Controller of India, New Delhi; GEAC, DBT, GoI; Central & State Pollution Control Boards and other representative from industries and stakeholders, shall ascertain functioning to the same effect.

## Biosafety Monitoring and Bioethics Committee\*

**Chairperson:** Ex-Officio: Secretary, Dept. of Forests & Environment, GoG **Vice-Chairperson:** Ex-Officio: Mission Director, GSBTM, DST, GoG **Special Invitees:** 

Principal Advisor to GoG – Dr. Manju Sharma Advisor to GoG – Dr. P. K. Ghosh Ex-Officio: State Nodal Officer, Biosafety Committee, DBT, Gol Drug Controller of India, New Delhi or his Representative Representative of GEAC, DBT, Gol

### Members

- 1. Dr. P. K. Ghosh, President, SBU Biocare, Cadila Pharmaceuticals, Ahmedabad
- 2. Dr. S. K. Brahmchari, Director, IGIB, Gurgaon
- 3. Dr. P. M. Bhargava, Founder Director, CCMB
- Prof. B. B. Chattoo, Co-ordinator, Biotechnology Programme, Dept. of Microbiology & Biotechnology Centre, M. S. University of Baroda, Vadodara
- 5. Sw. Shri Jitatmananda, R K Mission, Rajkot
- 6. Dr. J. M. Vyas, Director, Forensic Science Laboratory, Gandhinagar
- 7. Director, Foods and Drugs Laboratory, Vadodara

Member Secretaries: Sector Specialists, GSBTM, Department of Science & Technology, Government of Gujarat

<sup>\*</sup> This is a proposed committee and is subject to Government Approval

### Constitution of regulatory committees,

Gujarat biotechnology council, Governing body of GSBTM, the executive committee of GSBTM, the various committee, for advise and input, have representation of industries, academicians, NGO's, professionals, people's representatives etc. These meetings are not open to public. Similarly the minutes and proceedings of the meeting are part of record and are usually not accessible to public.