

## **Work Allocations in the Department of Biotechnology**

**F.No.39011/07/2005-Estt/Part (Revised) Dated 27.05.2016**

**Secretary: Prof. K. VijayRaghavan**

<b>Group Head</b>	<b>Director</b>	<b>ProgrammeOfficer</b>
Dr.Renu Swarup, Scientist-H		Dr. Nitin Jain Dr. Sangita Mahesh Kasture Dr. Manoj Kumar Modi Dr. Suraksha S Diwan
Dr. S.R.Rao, Scientist-G	Dr. A.K. Rawat, Scientist-F	Dr. Rajlaxmi Murlidharan Dr. Amit Pravinchandra Parikh Dr. Padma Singh
Dr. Rajesh Kapur, Scientist-G	Shri Sundeep Sarin, Scientist-F	Dr. Vamsi Krishna Addanki Dr. AnamikaGambhir Dr. Jyoti Malik Logani
Dr. Suman Govil, Scientist-G		Dr.Garima Gupta Dr. Manoj Kumar Rohilla Dr. Vaishali Panjabi
Dr. A.S. Ninawe, Scientist-G		Dr. Sandhya R Shenoy Dr. ShahajUddin Ahmed,
Dr. T. Madhan Mohan, Scientist-G		Dr. Gulshan Wadhwa Dr. Rajneesh Kumar Gaur
Shri Arvind Duggal, Scientist-G		Dr. Manish Rana Dr. Kalaivani Ganeshan
Dr. Mohd. Aslam, Scientist-G	Dr. Meenakshi Munshi, Scientist-F	Shri Onkar Nath Tiwari
Dr. Suchita Ninawe, Scientist-G		Sh. Dhananjay Tiwari. Dr. Vinita Nitin Choudhary
	Dr. Shailja V.Gupta, Scientist-F (Reporting:SBT)	Dr. Sanjay Kalia
	Dr. Alka Sharma, Scientist-F (Reporting:SBT)	Dr.Niloo Srivastava Dr.Kakali Dey
<b>Scientific Staff Officers to Secretary:</b> (i) Dr. Kalivani Ganeshan (National) (ii) Dr. Amit Parikh (International)		

- (a) Each officer in column 2 above should be assigned at least one JTA/data entry operator. Additional personnel can be assigned determining the workload and availability of staff.
- (b) Each officer in column 2 above should be assigned a person who can function as the equivalent of a PA subject to availability of staff.

## AREAWISE DETAILS

### **I. Research & Development**

(All current task forces should be mapped onto the list below. The numbers of task forces in each domain (Agri., Health, Energy etc. is left to the advisor in charge and should be cleared in discussion with SBT)

#### **1. Agriculture:** Dr S. R. Rao

- a. Crop Science
- b. Livestock and Animal Sciences

#### **2. Health:** Dr Rajesh Kapur

- a. Human Health and Disease Biology
- b. Food and Agri-Nutrition
- c. Therapies and Intervention including Chronic Diseases.

#### **3. Stem Cell, Bioengineering, including Biodesign:** Dr. Alka Sharma

#### **4. Theoretical and Computational Biology:** Dr Madhan Mohan

#### **5. Clean Energy, System & Synthetic Biology:** Dr. Renu Swarup

#### **6. Terrestrial Ecosystem and Environmental Biotechnology including Plant Science:** Dr Md. Aslam

#### **7. Marine Biotechnology and Aquaculture:** Dr Arun Ninawe

#### **8. Tools, Technology and Resources for Biotechnology:** Dr Suchita Ninawe

#### **9. Blue-sky research, Integrative and Interdisciplinary Biology:** Dr AK Duggal

### **II. Human Resource Development including all fellowships:** Dr. Suman Govil

### **III. BioCARE :** Dr. Renu Swarup

### **IV. International** (Country wise details attached)

**(a) International Cooperation-I:** Dr. Shailja Vaidya Gupta,

**(b) International Cooperation-II (Including HFSP):** Sri Chandra Prakash Goyal

### **V. Institutional Partnerships, Facilities & Infrastructure and NER:** Dr T. Madhan Mohan

### **VI. Societal Programs:** Dr AS Ninawe

### **VII. Regulation, including industry licensing and IP:** Dr. S. R. Rao

### **VIII. Technology Transfer, Make in India, Start-up India –**Dr. Renu Swarup

### **IX. Biotech Clusters –**

- NCR, Bangalore –Dr. Alka Sharma.
- Mohali: Dr SR Rao.

### **X. Communication Cell:** Dr Shailja Vaidya Gupta, Dr. Kalaivani Ganesan, Dr. Amit Parikh

### **XI. Inter-ministerial and State Co-ordination, including Biotech Parks:** Dr. Renu Swarup (Overall Coordination), Dr. Madhan Mohan, Dr. Arun Ninawe and Shri Chandra Prakash Goyal

### **XII. Planning, Budget and Coordination:** Dr. Renu Swarup (Details Attached)

**XIII. Bills :**(a) BRAI Bill : Dr. S. R. Rao, (b) DNA Bill: Dr.Alka Sharma (c) RCB Bill: Shri Sundeep Sarin

**XIV. Autonomous Institutes** (Details Attached)

**XV. Major Missions & Programmes**

(Named Officers are team-leaders and additional officers can be added). These missions will involve inter-ministerial and State coordination. Overall co-ordination of missions by Secretary DBT)

**1. Farmer-Centric Agriculture**

Livestock and Crop genomics: Dr.S. R. Rao, Dr. Meenakshi Munshi.Biotech-KISAN Farmer Centric Mission: Dr.Md. Aslam, Dr.S. R. Rao, Dr. Arun Ninawe, Dr.ShailjaVaidyaGupta.

2. **Computational Biology and Genome Engineering:** Dr. Madhan Mohan and Dr. Suchita Ninawe

3. **Biopharma, Drug discovery and Vaccines:** Dr.Renu Swarup, Dr. Jyoti Logani

4. **Neuroscience:** Dr. Suman Govil

5. **Sickle-cellManagementMission:** Dr.Alka Sharma.

6. **Marine Biology and Blue Economy:** Dr.ArunNinawe,Dr.ShailjaGupta

7. **HumanResourceDevelopmentandcapacitybuilding:**Dr.SumanGovil,Dr.MadhanMohan  
Dr.ArvindDuggal

8. **MissionInnovationandEnergy:** Dr.RenuSwarup,Dr.SangitaKasture

9. **HealthMission:**

TBConsortium(inpartnershipwithICMR):Dr.RajeshKapur,Dr.Jyoti  
Logani.Nutrition:Dr.RajeshKapur,Dr.VamsiKrishna

10. **Space Mission (collaboration with ISRO):** Dr.Renu Swarup & Dr.Manoj Modi.

11. **All Awards and Functions:** Shri Chandra Prakash Goyal

12. **Co-Ordination of International Bio Meetings (US, Japan, Korea), Bio Popularisation, CTEP :** Shri  
Chandra Prakash Goyal

13. **UnitedNationsMaritimePolicy:** Shri Chandra Prakash Goyal

14. **NationalBiodiversityAuthority:**Dr.RenuSwarup

15. **BioSecurity:** Dr.S. R. Rao

16. **National Certification of Tissue Culture Plants:** Dr.Renu Swarup & Dr.Manoj Modi.

17. **Direct Benefit Transfer & UMANG Protocol:** Dr S Durai Raju, Statistical Advisor

**XVI. Administration:** ShriChandraPrakashGoyal,JS(Details attached)

**XVII. Finance:** Smt Sumita Mukherjee, JS&FA (Details attached)

**XVIII. Statistical Advisor:** Dr S Durai Raju

**Administration and Establishment**  
**Divisional Officer: Shri Chandra Prakash Goyal, Joint Secretary**

<b>SUB-AREA / SUB-PROGRAMME (SUBDIVISION)</b>	<b>INCHARGE OF SUB DIVISION</b>	<b>SUBORDINATE/PROGRAM OFFICERS IN THE DIVISION</b>
General Administration	Sh. J.K. Dora, US	Smt. Veena T. Bhatia, Director (Establishment)
Vigilance	Smt. Raj Laxmi Devi US	Smt. Veena T. Bhatia, Director (Establishment)
RTI (Administrative matters)	Smt. Raj Laxmi Devi US	Smt. Veena T. Bhatia, Director (Establishment)
RTI (Scientific matters)	Smt. Raj Laxmi Devi US	Concerned Subject Divisional Head
Parliament	Smt Raj Laxmi Devi US Sh. Gharia, Consultant	Smt. Veena T. Bhatia, Director (Establishment)
Protocol	Sh. J.K. Dora, US	Smt. Veena T. Bhatia, Director (Establishment)
e-Samiksha	Smt. Chitra Wadhvani	Smt. Veena T. Bhatia, Director (Establishment)
Support for meetings	Sh. J.K. Dora, US	Smt. Veena T. Bhatia, Director (Establishment)
Library	Smt. Raj Laxmi Devi US	Smt. Veena T. Bhatia, Director (Establishment)
All administrative matters relating to all autonomous institutes and PSUs under DBT	Sh. M.K. Sinha, US	Ms. Preeti Katiyar, Director (Admin)
Establishment (All Service Matters), ACRs and Immovable Property Returns. Recruitments and Promotions in DBT	Sh. M.K. Sinha, US	Ms. Preeti Katiyar, Director (Admin)
Bio Popularization including Exhibitions, International BIOs and CTEP	Smt Rugmini Menon, JA	Ms Preeti Katiyar, Dr. Garima Gupta, Sc-D
Departmental Security	Sh. J.K. Dora, US	Ms Preeti Katiyar, Director(Admin)
Information Services & Management of NIC services	Sh. Bala Dutt	Sri P Mitra
Official Language	Sh. Bhopal Singh	Ms Preeti Katiyar, Director (Admin)

**CVO:**

**Smt. Veena Tamta Bhatia, Director RTI**

**First Appellate Authority:**

Administrative Matters:

**Shri Chandra Prakash Goyal, JS**

Scientific Matters:

**Dr Rajesh Kapur, Scientist-G**

Finance Matters:

**Smt. Sumita Mukherjee, JS&FA**

## Finance

**Divisional Officer: Smt. Sumita Mukherjee, JS&FA**

S.No.	Sub Area	Program officer (DS)
01	National Institute for Plant Genome Research	Smt. Kusum Lata Sharma
02	International Centre for Genetic Engineering & Biotechnology	
03	National Institute of Immunology	
04	Transitional Health Science & Technology Institute (THSTI) Faridabad	
05	National Brain Research Centre	
06	National Agri-Food Biotechnology Institute (NABI) Mohali	
07	UNESCO Regional Centre for Education & Training (RCB) Faridabad	
08	Centre for DNA Fingerprinting & Diagnostics	
09	National Centre for Cell Science	
10	Rajiv Gandhi Centre for Biotechnology Thiruvanthapuram	
11	Centre of Innovative and Applied Bio-processing (CIAB) Mohali	
12	Bio-resource & Environment Biotechnology	
13	Medical Biotechnology	
14	I&M Sector	
15	International Cooperation	
16	Bio-clusters	
17	BIRAC_DBT Welcome Trust	
1	National Institute of Biomedical Genomics (NIBMG), Kalyani	
2	National Institute of Animal Biotechnology (NIAB), Hyderabad	
3	Institute of Stem Cell Research & Regenerative Medicine (InStem)	
4	Institute of Bio-resources & Sustainable Development (IBSD), Imphal	
5	Institute of Life Science, Bhubaneswar	
6	Human Resource Development (HRD)	
7	Bioinformatics	
8	Agriculture Biotechnology	
9	Basic Research and Engineering Areas	
10	Biotechnology for Societal Development	
11	Grand Challenge Programme	
1 2	Programme for Promotion of Excellence & Innovation	
1 3	Inter-Institutional and DFBT Partnership Centres	
1 4	BiotechFacilities	
1 5	North Eastern Areas and NER-BPMC	
1 6	General Administration and Establishment	
1 7	Audit	
1 8	Budget	
1 9	Outcome Budget	

Pay and Accounts Officer: Shri Sri Ram

## Plan and Coordination

**Overall Coordination: Dr. Renu Swarup, Scientist-H**

<b>Activity</b>	<b>Program Officers</b>
Ministerial references	<b>To be assigned by Group Head</b>
SAC-N	
Inter-ministerial, Cabinet Reporting	
Planning, Budgeting	
Delivery and Impact Assessment of Missions	
Inter Departmental Activities	
Communication Cell	<b>Dr Shailja Gupta, Dr. Kalaivani Ganeshan, Dr Amit Parik</b>
Competitive Grant Management System, e-ProMIS	<b>Dr Onkar Tiwari, Dr Vamsi Krishna, Ms. Bindu Sreekesh</b>
Data Based Reports and Publications, DBT (Direct Benefit Transfer) Cell, and UMANG platform related activities	<b>Dr S. Durai Raju, Statistical Advisor</b>
Bio Clusters	<b>Dr Alka Sharma (NCR ,Bengaluru) Dr S R Rao (Mohali)</b>

## Centre for Excellence Program

The Centre for Excellence program will be subsumed by each Program Division. They can each have their Centre of Excellence on the same model. The Numbers of new CoEs if any will be decided in a joint meeting chaired by the Secretary. Each on-going CoE will be transferred to the appropriate Program Division.

## **Autonomous Institute and Public Sector Undertakings**

### **Scientific:**

<b>S.No.</b>	<b>Nodal Officer</b>	<b>Institute</b>
1.	Dr. Suchita Ninawe	NII
2.	Shri Arvind Duggal	NCCS
3.	Dr. Suman Govil	NBRC
4.	Dr. Arun Kumar Rawat	CDFD
5.	Dr. Md. Aslam	ICGEB
6.	Dr. Rajesh Kapur	CIAB
7.	Dr. Rajesh Kapur	NABI
8.	Dr. T. Madhan Mohan	NIPGR
9.	Dr. Meenakshi Munshi	ILS
10.	Dr. Mohd. Aslam	IBSD
11.	Shri Arvind Duggal	RGCB
12.	Dr. Alka Sharma	InSTEM
13.	Dr. Alka Sharma	THSTI
14.	Shri Sandeep Sarin	RCB
15.	Shri Sandeep Sarin	NIBMG
16.	Dr AK Rawat	NIAB

### **Administrative and Personnel Matters of AIs:**

#### **Sh. Chandra Prakash Goyal, Joint Secretary.**

- a) All AIs will have JS (Admin) in Governing Committee.

### **Financial matters of AIs:**

#### **Smt.SumitaMukherjee,JS&FA.**

- a) All AIs will have JS&FA in Finance Committee & Governing Committee.

## International Collaboration

<b>International Collaboration -I</b>	Americas (other than USA) and EU (including UK.), SAARC USA: Dr. Renu Swarup Japan: Dr. TM Mohan	<b>Dr. Shailja V. Gupta, Scientist 'F'</b>	<b>Dr. Sanjay Kalia, Scientist 'D'</b>
	DBT CREST Award SAC Overseas Visiting Scientist from Abroad Programme		
<b>International Collaboration-II</b>	East Europe, BRICS, ASEAN	<b>Shri Chandra Prakash Goyal, Joint Secretary</b>	<b>Dr. Rajneesh Gaur, Scientist 'D'</b>
	Sudan		
	HFSP		
	Tunisia		<b>Dr. Meenakshi Munshi, Scientist 'F'</b>
	Vietnam		<b>Dr. A.K. Rawat, Scientist 'F'</b>
	Israel		<b>Dr. Kalaivani Ganesan, Scientist 'D'</b>
	Indo-Singapore Collaboration		<b>Dr. Sandhya Shenoy, Scientist 'E'</b>
<b>Other Collaborations</b>	DBT-WT India Alliance Fellowship	<b>Dr. Rajesh Kapur, Scientist 'G' &amp; Dr. Shailja V. Gupta, Scientist 'F'</b>	
	Indo-US-Overall coordination for Strategic Dialogue and JCM	<b>Dr. Renu Swarup, Scientist 'H'</b>	<b>Dr. Sangita Kasture, Scientist 'E'</b>
	Indo-US Joint Working Group on Energy		
	Indo-US Vaccine Action Program and other US Health Activities	<b>Dr. Rajesh Kapur, Scientist 'G'</b>	
	US (CRHR), Indo-US Joint Working Group on Agricultural Science	<b>Dr. Shailja V. Gupta, Scientist 'F'</b>	
	Switzerland	<b>Dr. S.R. Rao, Scientist</b>	
	Indo –Australia Biotechnology Programme	<b>Dr. Renu Swarup Scientist 'H'</b>	<b>Dr. Suraksha S. Diwan, Scientist 'D'</b>
	Mauritius & Japan (Bioinformatics and Cell Engineering)	<b>Dr. T. Madhan Mohan, Scientist 'G'</b>	
All deputations	<b>Shri Chandra Prakash Goyal, Joint Secretary</b>	<b>Shri J.K. Dora, Under Secretary (PPVC)</b>	



Note: Any other country not assigned will be decided by SBT.

Chandra Prakash Goyal,  
Joint Secretary to Government of India.  
27<sup>th</sup> May 2016.