

OFFICE MEMORANDUM

Sub: Reorganization of Activity Areas and Scientific and Technical Manpower of CSIR-CEERI.

In suppression to the OM of even no. dated 20.03.2017, the Director, CSIR-CEERI has been pleased to amend the Office Memorandum as under:

To make the Institute more dynamic, proactive and to enhance its efficiency and productivity, a need was felt to realign and reorganize the different Areas/Sections/Divisions of the Institute. In order to achieve this objective the Director, CSIR-CEERI has been pleased to approve the reorganization of various Scientific/Technical Areas and facilities as follows:

1. Research Activities of CSIR-CEERI (across all Centres) will be organised into following three areas:

- a. **Cyber Physical Systems (CPS)**
- b. **Smart Sensors**
- c. **Microwave Devices**

Each area will be headed by Area Co-ordinator (AC). Each area will comprise of several knowledge verticals called Groups. Groups will be headed by respective Group Heads (GH). Projects will involve manpower across verticals from different areas taking advantage of relevant vertical knowledge domains.

2. In addition to **PMBD**, lab will have following activity domains

- a. **HR Planning**
- b. **Skill Development**
- c. **Societal Outreach**

Each activity area will be co-ordinated by a scientist in-charge. And will include scientific and technical manpower. These functional roles of in-charges and other manpower will be in addition to their research responsibilities in the knowledge verticals.

3. Activities of CSIR-CEERI will be located at four centres: **Pilani (HQ), Chennai, New Delhi and Jaipur.**
4. CSIR-CEERI will have a **Facilities and Process Management team** distinct from research and activity groups. Responsibility of this group will be to ensure availability of research infrastructure in the lab. However, members of this team can also be part of knowledge verticals.
5. **Reporting Structure:**

Group IV Scientists: All Chief Scientists will report to the Director for all administrative purposes and all Group IV Scientists of different groups will report to respective AC.

Group III, II, I: Group III, group II and group I staff members based on their functional role, will report to group heads or activity heads/in-charges/coordinators/co-coordinators as the case may be.

Appraisal: Collegiums will seek inputs for each scientist as and when required from PI (Principal Investigator) of the projects in which the scientist is involved and GH. For group III, II and I staff, reporting officer will be groups or activity head/in-charges/coordinators /co-coordinators, reviewing officer will be AC of the corresponding activity/group head/in-charges/co-ordinators.

Team members of “Process Operations” in smart sensors area will report to Mr. Ashok Chauhan, Sr. Scientist and they will be reviewed by AC of that area. Members of “Common Scientific Facilities” of Microwave devices area will report to Dr. Ranjan Barik, Senior Scientist and they will be reviewed by AC of that area. Team members of NMC will report Dr. Anil Saini, Scientist and will be reviewed by AC of CPS area.

6. **Tour:** Individual employee (for all members except Chief Scientist and GH) should route the tour formalities through PI, GH and AC preferably well in advance. Chief Scientists and GHs are expected to intimate respective ACs about their tours which are availed whether from project or from institute.

GH if availing tour from any project fund (not from institute fund) should route the tour formalities through PI and AC. GH, availing tour formalities from institute fund will route the form through AC.

AC availing tour from project fund should route through PI and Director.

AC availing tour from institute fund should route through Director.

7. **Leave:** All leave applications will be routed through AC and then to EII for all Group –IV scientists other than Chief Scientists; for all Group -III,II,I technical manpower these applications will be routed through their reporting officer.
8. **Project Monitoring:** All members of the project team, PI, representative of Project monitoring committee (PMC), GH (on invitation) of PI should meet **monthly** to review the project activities.

PI, Team members, GH of all team members, PMC and Director or his nominee will review project activities every **three months**.

9. **New projects:** For submission of new project PMBD will check the availability of manpower and resources. There will be a Project Initiation Committee chaired by Director which will examine newly approved projects to ascertain availability of human resources and infrastructure. PI, relevant GHs, AC and PMBD head will be the members of this committee.
10. **Facilities Management:** Every three months a committee chaired by Director or his nominee, area co-ordinators and Co-ordinator and co-coordinators of the facilities management team will review availability of research facilities and infrastructure.
11. **Purchase:** For any purchase, Indenter has to route the indent through PI, GH of indenter for purchases from the project fund. Indenter has to route the indent through GH, PMBD and Director for any purchase from the institute fund.

Management of Centres: Centre-in-charges will be the competent authority to handle routine requirement of leave, tour, LTC, medical and expenditure out of impressed fund. Other matter related to purchase should be routed through CEERI, Pilani as outlined at item 11.

The different Centre In-Charges, Research Area Co-ordinators, Activity Heads and Facilities Management are as under:

A. CSIR-CEERI Centre In-charges

- a. Chennai: Dr. A. Gopal
- b. New Delhi: Dr. S. A. Akbar
- c. Jaipur: Dr. Ram Prakash

B. Research Area Co-ordinators

- a. Cyber-Physical System: Dr. S. C. Bose
- b. Smart Sensors: Dr. Ajay Agarwal
- c. Microwave Devices: Dr. R. K. Sharma

C. Activity Heads

- a. HR Planning: Mr. Raj Singh
- b. PMBD: Dr. S. A. Akbar
- c. Skill Development: Dr. Kota Solomon Raju
- d. Social Out Reach: Dr. Shashikant Sadastap

D. Facilities Management

- a. Co-ordinator: Mr. Ashok Chauhan
- b. Co-co-ordinator: Dr. Ranjan Barik
- c. Co-co-ordinator: Dr. Anil Saini

E. Research Areas: As per Annexure enclosed.

The above mentioned guidelines will be applicable with immediate effect. The detailed allocation of Manpower is as per the **Annexure-I (Page no. 1 to 7)** enclosed below.

Pankaj Goswami
04/5/17

(Pankaj Goswami)
Section Officer

Copy to:

1. PS to Director
2. PS to CoA
3. All Area Co-ordinator/Principal Investigator/Group Head
4. All Divisional/Sectional Heads
5. Scientist Incharge, CEERI Centre, Chennai/Jaipur/Delhi
6. Notice Board(s)
7. CEERI Website

Annexure-I
Cyber Physical System Area
Area Co-ordinator: Dr. S. C. Bose, Chief Scientist

1. **There are Six Groups: (i) Cognitive Computing, (ii) IoT, (iii) Signal Analytics, (iv) Control and Automation, (v) Power Electronics and (vi) Integrated Systems**

S. No.	Name of Employee	Designation
Cognitive Computing		
1.	Dr. A.S. Mandal	Chief Scientist, GH
2.	Dr. Anil Saini	Scientist
3.	Ms. Somsukla Maiti	Scientist
4.	Dr. Sanjay Singh	Scientist
5.	Dr. Dhiraj Sangwan	Scientist
6.	Mr. Sumeet Saurav	Scientist
7.	Mr. Samarth Singh	Scientist
8.	Mr. Manoj Sharma	Scientist Fellow
9.	Ms. Shalini Saxena	Technical Officer
IOT		
10.	Dr. S.C. Bose	Chief Scientist, GH
11.	Dr. K. Solomon Raju	Principal Scientist
12.	Mr. Gaurav Purohit	Scientist
13.	Mr. M. Santosh Kumar	Scientist
14.	Mr. Kausal Kishore	Scientist
15.	Mr. Pramod Tanwar	Scientist
16.	Ms. Chitra Gautam	Scientist
17.	Mr. A. Sada Siva Sarma	Sr. Principal Scientist, Chennai
18.	Dr. Madan Kumar Lakshmanan	Senior Scientist, Chennai
19.	Mr. J Suriya Prakash	Scientist, Chennai
20.	Mr. Satish Bindal	Scientist, Chennai
21.	Mr. Vipin Kumar	Technical Assistant
22.	Mr. Satish Kumar	Lab Assistant
Signal Analytics		
23.	Dr. P C Panchariya	Sr. Principal Scientist, GH
24.	Mr. Anil Kr. Saini	Senior Scientist
25.	Mr. Sai Krishna Vaddadi	Scientist
26.	Mr. Navjot Kumar	Scientist
27.	Dr. B.A. Botre	Senior Scientist
28.	Mr. Kailash Chander	Technician (1)
29.	Mr. Rakesh	Technician (1)
30.	Dr. A Gopal	Chief Scientist, Chennai
31.	Dr. R Govindraj	Sr. Principal Scientist, Chennai
32.	Mr. C Kumaravelu	Sr. Principal Scientist, Chennai
33.	Dr. A Hebsiba Kiranmayee	Scientist, Chennai
34.	Mr. Rishi Ranjan	Scientist, Chennai
35.	Mr. B. Sundaresan	Pr. Technical Officer, Chennai
36.	Mrs. K Meenakshi	Pr. Technical Officer, Chennai
37.	Mrs. S Uma	Pr. Technical Officer, Chennai
38.	Mr. A. Ravi	Sr. Tech. Officer(1), Chennai
39.	Mr. K Anandhanarayanan	Technical Officer, Chennai
40.	Mr. Ravindra Singh Chouhan	Technical Assistant, Chennai
41.	Mr. T. Chinnu	Senior Technician (3), Chennai
42.	Mrs. R Usha	Senior Technician, Chennai
43.	Mr. K Aiyappan	Senior Technician, Chennai

Power Electronics		
44.	Mr. Ajeet Kumar Dhakar	Senior Scientist, GH
45.	Mr. Brijender Verma	Scientist
46.	Mr. Subhash Kumar Ram	Scientist
47.	Mr. Sachin Devassy	Scientist
48.	Mr. Anand Abhishek	Scientist
49.	Mr. Vivek Kumar Saini	Technical Officer
50.	Mr. Gyan Singh Meena	Technical Officer
51.	Mr. Sushil Kumar Saini	Senior Technician (2)
52.	Mr. Dharamveer Singh	Technician (1)
53.	Mr. Hazari Lal	Lab Attendant (2)
Automation and Control		
54.	Dr. J.L. Raheja	Chief Scientist, GH
55.	Dr. P Bhanu Prasad	Chief Scientist
56.	Dr. S.A. Akbar	Chief Scientist
57.	Dr. S.S. Sadistap	Sr. Principal Scientist
58.	Mr. Santosh Kumar	Senior Scientist
59.	Mr. H.D. Sharma	Scientist
60.	Mr. Satyam Srivastava	Scientist
61.	Mr. Pankaj Kumar	Technical Officer
62.	Mr. Kunwar Singh	Technical Officer
63.	Mr. Rajeev Soni	Senior Technician (2)
64.	Mr. Ramesh Kumar	Technician (1)
65.	Mr. Anand Kumar	Senior Technician (2)
66.	Mr. Tara Chand	Lab Attendant (2)
67.	Mr. S S Shekawat	Lab Assistant
68.	Mrs. Sumitra Singh	Lab Assistant
69.	Mr. S Mohammed Iqbal	Sr. Principal Scientist, Chennai
70.	Mr.D. Ganesan	STO (2), Chennai
71.	Mr. B Kumaravel	Senior Technician (2), Chennai
72.	Mr. N.T. Ravi	Senior Technician (1), Chennai
73.	Mr. V. Ravichandran	Senior Technician (1), Chennai
74.	Mr. G. Gunasekaran	Senior Technician, Chennai
75.	Mr. S. Chandra Mohan	Technician (1), Chennai
Integrated Systems		
76.	Mr. Raj Singh	Chief Scientist, GH
77.	Dr. Abhijit Karmakar	Senior Principal Scientist
78.	Mr. Sudhir Kumar	Senior Scientist
79.	Dr. Jai Gopal Pandey	Senior Scientist
80.	Dr. Ravi Saini	Senior Scientist
81.	Dr. Balasubrahmanyam Pesala	Pr. Scientist, Chennai
82.	Mrs. A. Nirmala Devi	Scientist, Chennai
83.	Mr. Bhau Kamalu Bhutambara	Technician (1), Chennai

Smart Sensors

Smart sensors Area:		
Dr. Ajay Agarwal Area Coordinator		
1. Process Technologies Group		
S. No.	Team Member	Designation
1.	Dr. Ravindra Mukhiya	Scientist, Group Head
2.	Mr. Ashok Chauhan	Senior Scientist
3.	Dr. Jitendra Singh	Scientist
4.	Dr. Ankush Kumar A. Jain	Scientist
5.	Mr. S Santosh Kumar	Scientist
6.	Mr. B C Pathak	Principal Tech. Officer
7.	Mr. A K Gupta	Principal Tech. Officer
8.	Dr. Mahesh Kumar	Principal Tech. Officer
9.	Mr. Prateek Kothari	Tech. Officer
10.	Mr. Vishwas Saini	Tech. Assistant
11.	Mr. Surajit Das	Tech. Officer
12.	Mr. Gajendra Singh Meena	Tech. Assistant
13.	Mr. Prem Kumar	Tech. Officer
14.	Mr. Dharendra Kumar	Tech. Officer
15.	Mr. Supriyo Das	Tech. Officer
2 Nano Bio-Sensors Group		
16.	Dr. Ajay Agarwal	Sr. Principal Scientist, Group Head
17.	Dr. Nidhi Chaturvedi	Principal Scientist
18.	Dr. Rishi Sharma	Scientist
19.	Mr. Pankaj B Agarwal	Sr. Scientist
20.	Mr. Rahul Prajesh	Scientist
21.	Mr. Ranjan K Maurya	Scientist
22.	Mr. Soumendu Sinha	Scientist
23.	Mr. Shri Krishan Sharma	Lab Assistant
3 Transducers and Actuators Group		
24.	Dr. Kamaljit Rangra	Chief Scientist, Group Head
25.	Dr. Mahanth P. Yadav	Sr. Scientist
26.	Mr. Deepak Bansal	Scientist
27.	Mr. Amit Kumar	Scientist
28.	Mr. Sanjeev Kumar	Scientist
29.	Mrs. Aditi	Scientist
30.	Dr.(Mrs.) Maninder Kaur	Tech. Officer
4 Optoelectronics & MOEMS Group		
31.	Dr. Suchandan Pal	Senior Principal Scientist, Group Head
32.	Mr. Kuldeep Singh	Sr. Scientist
33.	Dr. Manish Mathew	Sr. Scientist
34.	Mr. Sonachand Adhikari	Scientist
35.	Dr. Vijay Chatterjee	Scientist
36.	Dr. SK. Masiul Islam	Scientist
5 Flexible & Non-Silicon Electronics Group		
37.	Dr. Jamil Akhtar	Chief Scientist, Group Head
38.	Dr. Anil Kumar	Chief Scientist
39.	Dr. Avanish Bhadauria	Sr. Scientist
40.	Mr. T. Ishwar	Scientist
41.	Dr. (Ms) Sumitra Singh	Senior Scientist

6 Advanced Packaging Group		
42.	Dr. P K Khanna	Chief Scientist, Group Head
43.	Mr. D K Kharbanda	Scientist
44.	Dr. Nikhil Suri	Scientist
45.	Mr. Achu Chandran	Scientist
	Packaging Support Team	
46.	Mr. Sunil Gupta	Sr. Technician (2)
47.	Mr. Bhawani Shankar Jangir	Technician (1)
48.	Mr. I C Sharma	Lab Assistant

Microwave Devices

Area Coordinator (AC): Dr RK Sharma

There are four Groups: (i) Beam Dynamics Group, (ii) Beam-wave Interaction Group, (iii) Device Technology Group and (iv) Vacuum Microelectronic Device Group

S.N.	Name of staff	Designation
Beam Dynamics		
1.	Dr. AK Bandopadhyay	Pr. Scientist, GH
2.	Dr. AR Choudhury	Sr. Scientist
3.	Dr. A. Mercy Latha	Scientist
4.	Dr. Debasish Pal	Sr. Scientist
5.	Mr. Rajendra Kumar Verma	Scientist
6.	Mr. Om Ranjan	Scientist
7.	Ms. Nalini Pareek	Scientist
8.	Mr. R.P Lamba	Scientist
Beam-wave Interaction		
9.	Dr. A Bera	Pr. Scientist, GH
10.	Mr. Deependra Kant	Sr. Scientist
11.	Dr. S Maurya	Sr. Scientist
12.	Dr. MK Alaria	Sr. Scientist
13.	Dr. Hasina Khatun	Senior Scientist
14.	Mr. Purushothaman N	Scientist
Device Technology		
15.	Dr. SK Ghosh	Pr. Scientist, GH
16.	Dr. UN Pal	Sr. Scientist
17.	Dr. RK Barik	Sr. Scientist
18.	Mr. Sushil Shukla	Scientist
19.	Mr. Chirag Mistry Prakash Chandra	Scientist
20.	Mr. Subhradeep Chakrabarty	Scientist
21.	Mr. A Nagaraju	Scientist
22.	Mr. Mahesh Kumar	Pr. Tech Officer
23.	Dr. SK Sharma	Pr. Tech Officer
24.	Mr. B.L Meena	Sr. Technical Officer (2)
25.	Ms. Suneeta Arya	Technical Officer
26.	Dr. Nitin Kumar	Technical Officer
27.	Mr. Pawan Pareek	Technical Assistant
28.	Mr. Rakesh Meena	Technical Assistant
29.	Mr. Narendra Singh	Technical Assistant
30.	Mr. Bijender Kumar	Technical Assistant
31.	Mr. Alok Mishra	Technical Officer
32.	Mr. N. Kanagraj	Technical Assistant
33.	Mr. Vikram Singh Rawat	Technical Assistant
34.	Mr. Tajendra Pratap Singh	Technical Assistant
35.	Mr. Prateek Chaudhary	Sr. Technician (1)
Vacuum Microelectronic Devices		
36.	Dr. R.K Sharma	Senior Principal Scientist, GH
37.	Dr. Ram Prakash	Pr Scientist
38.	Dr. Niraj Kumar	Scientist
39.	Mr. Vishant	Scientist
40.	Mr. Ashish Kumar Singh	Scientist

Facilities and Process Management

Co-ordinator: Mr. Ashok Chauhan

Co-co-ordinator: Dr. Ranjan Kr. Barik

Co-co-ordinator: Dr. Anil Saini

Process Operations (All members to report to Mr. Ashok Chauhan)		
S. No.	Team Member	Designation
	Mr. Ashok Chauhan	Sr. Scientist, Co-ordinator
1.	Mr. Arvind Kumar	Tech. Officer
2.	Mr. Deepak Kumar Panwar	Tech. Assistant
3.	Mr. Ramakant Sharma	Tech. Assistant
4.	Mr. Anand Kr. Upadhayay	Tech. Assistant
5.	Mr. Priyavart Prajapat	Tech. Assistant
6.	Mr. Prashant Sharma	Tech. Assistant
7.	Mr. Bhupendra Kr. Kushwaha	Tech. Assistant
8.	Mr. Banwari Lal	Sr. Technician (2)
9.	Mr. R S Shekhwat	Sr. Technician (1)
11.	Mr. Ravi Raj Bhatia	Sr. Technician (2)
12.	Mr. Pawan Kumar	Sr. Technician (1)
13.	Mr. Ashok Kumar Sharma	Sr. Technician (1)
14.	Mr. Jitentra Bhargawa	Sr. Technician (2)
15.	Mr. Gopal Singh Negi	Lab Assistant

Common Scientific Facilities (Microwave Devices)		
All members to report to Dr. Ranjan Barik		
	Dr. Ranjan Barik Co-ordinator	Senior Scientist
1.	Mr. Mahendra Singh Soni	Technical Officer
2.	Mr. Kulbir Singh	Technical Officer
3.	Mr. Ghanshyam Saini	Technical Assistant
4.	Mr. Rajesh Kumar Meena	Technical Officer
5.	Mr. Om Prakash Arya	Sr. Technician (2)
6.	Mr. Mahender Singh	Sr. Technician (2)
7.	Mr. Jai Prakash Meena	Sr. Technician (2)
8.	Mr. Jeganathan M.	Technician (1)
9.	Mr. Gajraj	Lab Assistant
10.	Mr. Ravi Kumar	Lab Assistant

NMC, Co-co-ordinator Dr. Anil Saini All members to report Dr. Anil Saini		
1.	Dr. Anil Saini	Scientist
2.	Mr. Sanjeev Kumar	Technical Officer
3.	Mr. Arvind Kumar Khandelwal	Technical Assistant
4.	Mr. Parveen	Technician (1)
5.	Mr. Hari Shanker Joshi	Senior Technician (2)
6.	Mr. Vidya Bhusan Sahai	Senior Technician (2)

F. Skill Development

1.	Dr. Kota Solomon Raju , All group III staff will report to Dr. Kota Solomon Raju	In- charge
2.	Mr. A Sada Siva Sarma	Senior Principal Scientist, Chennai
3.	Mr. Vikrant Mishra	Principal Technical Officer
4.	Mr. Bhanwar Singh	Principal Technical Officer

G. Societal Outreach

1.	Dr. Shasikant Sadistap All group III and group II members will report to Dr Shasikant Sadistap	Senior Principal Scientist, Pilani, In-charge
2.	Dr. R. Govindaraj	Senior Principal Scientist, Chennai
3.	Mr. K.K Pandey	Principal Technical Officer
4.	Mr. Pankaj Kumar	Technical Officer

H. PMBD

Dr. S A Akbar, Chief Scientist, PMBD head

Dr. J L Raheja, Chief Scientist, will look after Project Management

Dr (Mrs) Nidhi Chaturvedi, will look after technology transfer and the patent related activities of CSIR-CEERI.

Dr. A Gopal, Chief Scientist will be the scientist-in-charge of PMBD activities at CSIR-CEERI, Chennai Centre.

At CSIR-Chennai Centre following persons are also part of activities related to PMBD

1. Mr. S. Saleemullah, Senior Technical Officer (3)
2. Mr. D. Palaniandi, Senior Technical Officer (1)
3. Mrs. Thilaka Mohandoss, Senior Technician (2)
4. Mr. S. Ramakrisnan, Senior Technician (2)
5. Mr. N Vanchinathan, Lab Assistant
