

PROCEEDINGS OF THE CHIEF ENGINEER DESIGN & ADMINISTRATION, PWD
THIRUVANANTHAPURAM – 695 033
(Present: Sri. Sundaran K)

Sub: Two Days Capacity Building Programme on ECBC at Energy Management Centre, Thiruvananthapuram on 21-10-2016 & 22-10-2016.

Order No. 2286/HRD/2013 dated 17-10-2016

The following officers are deputed for Two Days Capacity Building Programme on ECBC at Energy Management Centre, Thiruvananthapuram on 21-10-16 & 22-10-16.

Venue : Energy Management Centre, Trivandrum Date : 21st & 22nd October 16
Registration: 8.30 am, Time : 9.30 am to 5 pm on 21-10-16 & 8.45 am to 5 pm on 22-10-16

Sl. No	Name	Designation
1	Juliet George	Dy. Chief Engineer, O/o the CE, Buildings, Tvpm
2	P.K.Babu	SE, Buildings South Circle, Thiruvananthapuram
3	K.R.Mathumathi	SE, Buildings Central Circle, Thrissur
4	G.S.Dileepal	SE, Buildings North Circle, Kozhikkode
5	K.F.Lizy	SE, Judl Bldg Circle, Ernakulam
6	B S Thrivikraman	Director (Research & PPU), Tvpm
7	Asharaf S.M	JD, Buildings Design, O/o CE (Design), Tvpm
8	A.Rabeena	EE, PIU, O/O CE, buildings, Tvm
9	Bindu R	EE,Planning II, O/o CE, buildings, Tvm
10	Roy P.S	EE,Planning, O/o CE, buildings, Tvm
11	Laiju M G	Dy.SE, Buildings South Circle, Tvpm.
12	Jasmine T.B	EE,Bldgs Dn, Tvm.
13	Jyothi R	EE,Spl. Bldgs Dn, Tvm.
14	Sherly T Das	EE, Leg.Com. Dn, Tvm.
15	Jaya K.A	EE,Bldgs Divn, Kollam
16	Bindhu N	EE,Bldgs Divn, Kottayam
17	P R Manjusha	EE,Bldgs Divn, Alapuzha
18	S.Sudha	EE,Bldgs Divn, Pathanamthitta
19	Deepa T	EE,Bldgs Divn, Thrissur
20	K T Bindu	EE,Bldgs Divn, Eranakulam
21	M.T.Shabu	EE,Bldgs Divn, Idukki
22	Muhammed A	EE,Bldgs Divn, Kozhikkode
23	S.Sajeev	EE,Bldgs Divn, Palakkad
24	Zeenath Beegum K	EE,Bldgs Divn, Malappuram
25	Ashok kumar	EE,Bldgs Divn, Kalpetta
26	M.V Vijayalakshmi	EE,Bldgs Divn, Thalassery
27	C.Sureshan	EE,Bldgs Divn, Kasagode
28	N.P.Chithra	AEE, Planning, O/O CE, Buildings Tvm.
29	Niji Roja	AEE, O/o CE, Buildings Tvm.
30	Deepthi K R	AEE, O/o CE, Buildings Tvm.
31	Sajith B T	AEE, PIU, Spl. Bl.Dn.,Tvm.
32	Rahul Leslie	DD, Bldgs, DRIQ Board, Tvm

33	Gayathry S	DD, Bldgs, DRIQ Board, Tvm
34	Kavitha J	DD, Bldgs, DRIQ Board, Tvm
35	P. Jayalakshmi	DD, Bldgs, DRIQ Board, Tvm
36	S. Divya	AEE, Buildings South Circle, Tvm.
37	Abhishek Thomas Varghese	AEE, Buildings Divn, Tvm.
38	Vinodkumar K.S	AEE, Bldgs Sub Dn, Tvm.
39	R. Muthukumar	AEE, Bldgs Mtce Sub Dn, Tvm.
40	Smitha V K	AEE, Bldgs Sub Dn, Neyyattinkara
41	G. Deeparani	AEE, Bldgs Sub Dn, Attingal
42	Jayasree L	AEE, Spl. Bldgs Dn, Tvm.
43	K. Ashok Kumar	AEE, Spl. Bldgs Sub Dn, Tvm.
44	Bismi Mani	AEE, Secretariat Sub Dn, Tvm.
45	Shibujan T K	AEE, Med.College.Sub Dn, Tvm.
46	V.S.Ajithkumar	AEE, KLC Bldgs Sub Dn, Tvm.
47	A. Jamal Muhammed	AEE, Bldgs Sub Dn, Karunagapally
48	Maneesha V. S	AEE, Bldgs Sub Dn, Kottarakara
49	Pramod Chandran M C	AEE, Bldgs Divn, Kottayam
50	K.Jose Rajan	AEE, Bldgs Sub Dn, Pala
51	Sunny George	AEE, Bldgs Sub Dn, Kottayam
52	B.AjithKumar	AEE, Spl. Bldgs Sub Dn, Alapuzha
53	S.R. Chithralekha	AEE, Bldgs Sub Dn, Cherthala
54	Rajesh H	AEE, Bldgs Sub Dn, Harippad
55	Rijo Thomas Mathew	AEE, Bldgs Sub Dn, Chengannur
56	N.Shaji	AEE, Bldgs Divn, Pathanamthitta
57	D. Sindhuraj	AEE, Bldgs Sub Divn, Pathanamthitta
58	B.Sreelatha	AEE, Bldgs Sub Dn, Adoor
59	Riyad B	AEE, Bldgs Sub Dn, Thiuruvalla
60	P. Rajan	AEE, Bldgs Sub Dn, Irinjalakuda
61	Jojoy Antony	AEE, Bldgs Sub Dn, Eranakulam
62	Biju Thomas	AEE, Bldgs Divn, Idukki
63	C.K.Prasad	AEE, Spl. Bldgs Sub Dn, Painavu, Iduki
64	N. Sreejayan	AEE, Bldgs North Circle, Kozhikkode
65	P.T.Santhosh Kumar	AEE, Bldgs Divn, Kozhikkode
66	C Muthu	AEE, Bldgs Sub Dn, Palakkad
67	Pramod B	AEE, Bldgs Sub Dn, Mannarkkad
68	Rijo Rinna C	AEE, Bldgs Sub Dn Chittur, Pudunagaram
69	P.Abdul Azeez	AEE, Bldgs Sub Dn, Perinthalmanna
70	Reny P Mathew	AEE, Bldgs Divn, Kalpetta
71	Harikumar A	AEE, Bldgs Sub Dn, Kalpetta
72	Shibu Krishnaraj	AEE, Bldgs Sub Dn, Mananthavady
73	M.Jagadeesh	AEE, Bldgs Sub Dn, Thalasseri
74	Vinodkumar K P	AEE, Bldgs Sub Dn, Kannur
75	U. K. Ravikumar	AEE, Bldgs Sub Divn, Kasargode
76	P.K.Prakash Babu	AEE, Bldgs Sub Divn, Kanhangad
77	Ayyappan P	AE (works) O/o CE Buildings Tvp
78	Salini V K	AE (works) O/o CE Buildings Tvp
79	Anilkumar G	AE (works) O/o CE Buildings Tvp

80	Reena Thomas	AE, Buildings Section Neyyattinkara Tvpm
81	Nazarin B	AE (works) Buildings South Circle Tvpm
82	Anitha Sudhan	AE (works) Buildings South Circle Tvpm
83	Sheela D S	AE (works) Buildings Division Tvpm
84	Sheeja Rani K S	AE (Planning 1) O/o CE Buildings Tvpm
85	Manju A S	AE , Buildings Section Kunnathukal Tvpm
86	Sajikumar S	AE, Buildings Section Palode Tvpm
87	Ajithkumar P	AE, Buildings Section Aryanad Tvpm
88	Sajeem S	AE, Buildings Section Fort Tvpm
89	Shan S L	AE, Buildings Section Residency Tvpm
90	Ashokkumar M A	AE, Buildings Section Raj Bhavan Tvpm
91	Anilkumar S	AE, Buildings Section Cliff House Tvpm
92	Sivakumar M K	AE, Buildings Section Vikas Bhavan Tvpm
93	C Muralaeddharan Pillai	AE, Buildings Section Attingal Tvpm
94	Sini D S	AE, Buildings Section KilimanoorTvpm
95	Anju S	AE, Buildings Section Chirayinkeezhu Tvpm
96	Sreekala K S	AE (Works) Construction Division Leg.complex Tvpm
97	Thushara V S	AE, Buildings Section 2 Leg. Complex,Tvpm
98	Sajitha S	AE, Buildings Section 3 Leg. Complex,Tvpm
99	Sanal Babu S	AE, Spl. Buildings Division Tvpm
100	Rajesh R R	AE, Spl. Buildings Section 1 Tvpm
101	Asha R	AE, Spl. Buildings Section 2 Tvpm
102	Shivaji K S	AE, Spl. Buildings Section 3 Nemom Tvpm
103	Manoj S	AE, Buildings Section 1 Medical College Tvpm
104	Sathikumari V K	AE, Buildings Section 2 Medical College Tvpm
105	Sanal Kumar S	AE, Spl Buildings Section 4 Tvpm
106	Anisha Thomas	AE, Spl Buildings Section 5 Tvpm
107	Ajayakumar S	AE, Spl Buildings Section 6 Tvpm
108	Suja J S	AE (works) Buildings Division Kollam
109	Shamla S	AE, Buildings Section Kollam
110	Sachin P	AE, Buildings Section Kundara Kollam
111	Reshma A	AE, Spl Buildings Section 1 Kollam
112	Prijitha Chandran	AE, Spl Buildings Section 2 Kollam
113	Leeba Rajan	AE, Buildings Section Anchal Kollam
114	Anil M S	AE, Buildings Section Kottarakkara Kollam
115	Biju S	AE, Buildings Section Chadayamangalam Kollam
116	Sindhu K	AE, Buildings Section Karunagapally Kollam
117	Bhama K S	Buildings Section Ranni Pathanamthitta
118	Subha P K	Buildings Section Adoor Pathanamthitta
119	Smitha S B	AE, Buildings Section Chavara Kollam
120	Reeba Jacob	AE, Buildings Section Pathanamthitta
121	Devaprasad G	AE, Spl Buildings Section Pathanamthitta
122	Santhosh kumar M K	AE, Buildings Section Vennikulam Pathanamthitta
123	Manoj K	AE, Spl Buildings Section 1 Alappuzha
124	Sini P	Buildings Section Harippad Alappuzha
125	Lekshmi S Chandran	Buildings Section Mavelikkara Alappuzha
126	Rekha T	Spl Buildings Section 2 Alappuzha

127	Sudhakaran K	AE, Spl Buildings Section 3 Alappuzha
128	Shyna K N	AE, Buildings Section Cherthala Alappuzha
129	Sajikumar K G	AE, Spl Buildings Section 1 Gandhinagar Kottayam
130	Joshin K Moolakkat	AE, Spl Buildings Section 2 Gandhinagar Kottayam
131	Manesh P R	AE, Buildings Section Kanjirapally Kottayam
132	Shelly james	AE, Buildings Section Nedumkandam Idukki
133	Shiju C M	AE, Buildings Section Adimali Idukki
134	Paul Thomson	AE, Spl Buildings Section 1 Painavu Idukki
135	John Jeevan Joseph	AE, Spl Buildings Section 1 Ernakulam
136	Hari N K	AE, Spl Buildings Section 2 Ernakulam
137	Dipu V S	AE, Spl Buildings Section 3 Ernakulam
138	John Simil K A	AE, Buildings Section HC of Kerala Ernakulam
139	Abdul Kareem E H	AE, Buildings Section Kothamangalam Ernakulam
140	Sidhikul Akbar M M	AE, Buildings Section Muvattupuzha Ernakulam
141	Minu Paulose	AE, Buildings Section Koothattukulam Ernakulam
142	Antony N V	AE, Spl Buildings Section 1 Mulamkunnathukavu, Thrissur
143	Sebastian C I	AE, Spl Buildings Section 2 Ramavarmapuram Thrissur
144	Siji K J	AE, Buildings Section 3 Chavakkad Thrissur
145	Ajithkumar M G	AE, Buildings Section Kodungallur Thrissur
146	Justin Francis	AE, Spl Buildings Section Palakkad
147	Shameem M J	AE, Buildings Section 3 Palakkad
148	Leonse C F	AE, Buildings Section Kuttipuram Malappuram
149	Biju G	AE, Spl Buildings Section 2 Kozhikode
150	Prince Balan P C	AE, Buildings Section Balussery Kozhikode
151	Prasanth T	AE, Buildings Section Kuttiyadi Kozhikode
152	Sathish E Simon	AE, Buildings Section Kalpetta Wayanad
153	Sureshkumar S	AE, Spl Buildings Section 1 Kalpetta
154	Jayaprakash A K	AE, Spl Buildings Section Kannur
155	Manilal	AE, Buildings Section Payyannur Kannur
156	Sabarish J	Asst Director, Bldgs, O/o CED&A, Tvpm
157	Rakesh T Menon	Asst Director, Bldgs, O/o CE D&A, Tvpm
158	Santhosh Babu V	Asst Director, Bldgs, O/o CE D&A, Tvpm
159	Gisha Mary Mathew	Asst Director, Bldgs, O/o CE D&A, Tvpm
160	Mamatha M C	Asst Director, KHRI, Karyavattom, Tvpm
161	Rajaram R	Asst Director, KHRI, Karyavattom, Tvpm
162	Dhanya Chandran C K	Asst Director, KHRI, Karyavattom, Tvpm
163	Shiju S	AE (works), O/o CE, NH, Tvpm
164	Raji K R	AE (works), O/o CE, NH, Tvpm
165	Rajesh V	AE (works), O/o CE, NH, Tvpm
166	Manish Mohankumar	AE, KSTP, Tvpm (O/o CE Projects)
167	Biju P B	AE, KSTP, Tvpm (O/o CE Projects)
168	Roshmon T	AE, KSTP Division, Kottarakkara Kollam
169	Siya N	AE, KSTP Division, Kottarakkara Kollam
170	Sabari prasanth A S	AE, KSTP Division, Kottarakkara Kollam
171	Prasanth R S	AE 1 Environment O/o CE R&B and IT Tvpm

Electrical Wing		
1	P.P.Nachy	EE, O/o The Chief Ele:Er,Tvm
2	Shahna Beegum	EE, Ele:Dvn,PMG,Tvm
3	Koshy John	EE, Ele:Dvn,Trissur
4	P.Jayarajan	EE, Ele:Dvn,Kozhikkode
5	V.P.Suresh Babu	AEE, Ele:Dvn;PMG, Tvm
6	K.Muhammed Kunju	AEE, KLC Sub Dvn Tvm
7	Cessil varghese	AEE, Ele:Sub; Alappuzha
8	S.Sreekala	AEE, Ele:Sub; Ptmta
9	V.Ajith Kumar	AEE, Ele:Sub; Trissur
10	V.V.Thomas	AEE, Ele:Sub; Ernakulam
11	Ali Kunnath	AEE, Ele:Sub; Kozhikkode
12	S..Jamal Abdul Nazar	AEE, Ele:Sub; Palakkad
13	U.Vasudevan	AEE, Ele:Sub; Malappuram
14	P Sureshbabu	AEE, Ele:Sub; Kalpetta
15	C J Mathachan	AEE, Ele:Sub; Thalassery
16	Satheeshkumar A	AEE, Ele:Sub; Kasargode
17	C.Dinesh	AE, O/o Chief Ele Er
18	C.Samson	AE, KLC Sec N:2,Tvm
19	P.Sunil kumar	AE, KLC North Sec Tvm
20	M.Ashraf	AE, Raj Bhavan Sec Tvm
21	L.Clettus	AE, Medical college sec
22	D.S.Syam kumar	AE, South sec;Tvm
23	S.Bipin	AE, Secret Sn; Tvm
24	S.Biju	AE, Kud:Kunnu Sub dvn Tvm
25	P.Sindhu	AE, Sec N:2; Kollam
26	Sivaprasad.S	AE, Sec N:1; G.Nr,Kottayam
27	R.Prasanth	AE, Sec N:2; G.Nr,Kottayam
28	K.K.Radhammal	AE, Pala sec;(Gen Hospital)
29	Shibu.T.S	AE, Ele.Sec;Alappuzha
30	A.Sumesh	AE, Ele sn: Pathanamthitta
31	Syam Kumar.K.A	AE, Ele sn: Thiruvalla
32	A.G.Sebastian	AE, South Sec; Trissur
33	T.I.Vilson	AE, North Sec; Trissur
34	V.D.Manoj	AE, Med:College sn Trissur
35	M.K.Prakash	AE, Ele sn: Ernakulam
36	S.Mohan das	AE, Ele sn:Muvattupuzha
37	P.N.Pradeep kumar	AE, Ele sn: Painav
38	Muhammed Yusuf	AE, Ele sn:Thodupuzha
39	N.Krishnadas	AE, Sn N:1,Kozhikkode
40	K.G.Manesh	AE, Sn N:2,Kozhikkode
41	K.K. Manoharan	AE, Sn N:3,Kozhikkode
42	E.S.Ajayan	AE, Ele sn: Palakkad
43	S.Manoj	AE, Ele sn: malappuram

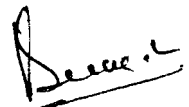
ELECTRONICS WING		
1	Parvathy Raveendranath	EE, Electronics Division Thiruvananthapuram
2	Anitha George	EE, Electronics Division, Thrissur
3	Ajith A.P	AEE, Division Thiruvananthapuram
4	P. Bindu	AEE, Rural Subdivision, Thiruvananthapuram
5	Sanil Kumar S	AEE, SUBDIVISION KLC TVPM
6	Binumon P.D	AEE, ELECTRONICS SUB DIVISION PALAKKAD
7	Sajeevan Pullanjiodan Ranath	AEE, ELECTRONICS SUB DIVISION KANNUR
8	Roy	AE, DIVISION TVPM
9	Abdul Raheem M.K	AE, O/O THE CE BUILDINGS
10	Reetha L.R	AE, RURAL SUB DVN TVPM
11	Syam V.S	AE, LEG.SUB DVN TVPM
12	Binu P.K	AE, LEG.SUB DVN TVPM
13	Premanand	AE, CITY SN TVPM
14	Sreela P.S	AE, SECRAITERATE SN TVPM
15	Jayachandran S.R	AE, SERVICING SN TVPM
16	Sajiraj	AE, INTERCOMMUNICATION SN TVPM
17	Jayakrishnan K	AE, LEG.COMPLEX SN TVPM
18	Anilkumar R.R	AE, RURAL SN TVPM
19	Satheesan T	AE, SECTION KOLLAM
20	P. Krishnakumar	AE, SECTION ALAPPUZHA
21	Mathew John	AE, SECTION, PATHANAMTHITTA
22	Anie Thomas	AE, SUB DVN KOTTAYAM
23	P. Sathyamoorthi	AE, SECTION KOTTAYAM
24	K.K Vinod	AE, SECTION THODUPUZZHA
25	Saleenabeevi	AE, SECTION ERANAKULAM
26	Habeebmarakkar	AE, SECTION, MUVATTUPUZZHA
27	Bindu B.V	AE, DIVISION THRISSUR
28	Arun Raj	AE, SECTION THRISSUR
29	Sunilkumar V.T	AE, SECTION PALAKKAD
30	Jithesh P	AE, SECTION KOZHIKODE
31	Tomy Thomas	AE, SUB DVN KNR

ARCHITECTURE WING

1	Girish V.S.	Deputy Chief Architect
2	P.Anil Kumar	Senior Architect
3	Balamurugan.C.P	Senior Architect
4	Ajaya Kumar.S.S	Senior Architect
5	Roy Leslie	Senior Architect
6	Surya Nair	Deputy Architect
7	Binu.G	Deputy Architect
8	Hari Purushothaman.B	Deputy Architect
9	R. Suresh Kumar	Deputy Architect

10	Sujeer.K.S	Deputy Architect
11	D. Rajeevan	Deputy Architect
12	Sreekumar. P.	Deputy Architect
13	ChandniUnnikrishnan	Deputy Architect
14	Nithya.M.K	Deputy Architect
15	SarithaShaji	Deputy Architect
16	Jose.D	Deputy Architect
17	Shineraj.C.D.	Deputy Architect
18	Abdul Aleef	Deputy Architect
19	K. V. Balakrishnan	Arch. Assistant
20	Zacharia Kurian	Arch. Assistant
21	S. V. Harikumar	Arch. Assistant
22	S. Padmambika	Arch. Assistant
23	Adeline Antony	Arch. Assistant
24	Rithu.C.S	Arch. Assistant
25	Sherly.M.Dennis	Arch. Assistant
26	Bindu C Elias	Arch. Assistant
27	Fazil Mohammed W	Arch. Assistant
28	Sumole.R	Arch. Assistant
29	Suni.C	Arch. Assistant
30	Thilakom K P	Arch. Assistant

Participation in the training programme is compulsory. All participants should report on time for registration.

for 
Chief Engineer

**Two day training programme on ECBC at Energy Management centre, Thiruvananthapuram for PWD
Engineers & Architects**

Draft Schedule

Day 1 - (21/10/2016): About ECBC and orientation, Building Envelope, Lighting

Time	Programme
8.30AM- 9.30 AM	Registration
9.30 AM- 9.45 AM	Welcome speech Director, EMC
9.45 AM- 10.00 AM	Presidential address Sri: K.Sundaran, Chief Engineer, Design & Administration, PWD
10.00 AM- 10.30 AM	Inaugural address Sri: G.Sudhakaran, Hon'ble Minister for Works & Registration
10.30 AM- 10.45 AM	Key note address Sri: Subrata Biswas IAS, Additional Chief Secretary to Government, PWD
10.45 AM- 11.00 AM	Special address Smt.M.Pennamma, Chief Engineer, Buildings, PWD
11.00 AM- 11.10 AM	Vote of Thanks Sri: Rajeev.P.S, Chief Architect
11.10 AM- 11.15 AM	Group Photograph
Tea break 11.15 AM-11.30 AM	
11.30 AM- 12.00 PM	Energy efficiency in building sector in Kerala (Head,EED-EMC)
12.00 PM-01.30 PM	Building Envelope (Sri: Gaurav Shorey-ECBC master trainer)
Lunch break – 01.00 PM-02.00 PM	
02.00 PM-03.30 PM	Building Envelope (contd...)
Tea break - 03.30 PM-03.45 PM	
03.45 PM-04.30 PM	Lighting (Sri: Gaurav Shorey-ECBC master trainer)
04.30 PM-05.00 PM	Concluding remarks

Day 2- (22/10/2016)- Forenoon session by PWD & Afternoon session by EMC

08.45AM-10.15 AM	Public Architecture & Aesthetics (Dr. Manoj Kumar Kini, Architect & Urban designer)
Tea break – 10.15 AM-10.30 AM	
10.30 AM-01.00 PM	Health care Architecture & Hospital design (Er. Hariprasad.S, Biomedical Engineer & Hospital consultant)
Lunch break – 01.00 PM-02.00 PM	
02.00 PM- 03.15 PM	HVAC(Sri: Shiv kr. Batra- BEE Master trainer)
Tea break - 03.15 PM-03.30 PM	
03.30 PM-04.30 PM	Electrical systems and Renewable Energy Installation (Sri: Shiv kr. Batra- BEE Master trainer)
04.30 PM- 04.45 PM	ECBC Compliance check (Sri: Shiv kr. Batra- BEE Master trainer)
04.45PM- 05.00 PM	Q & A session