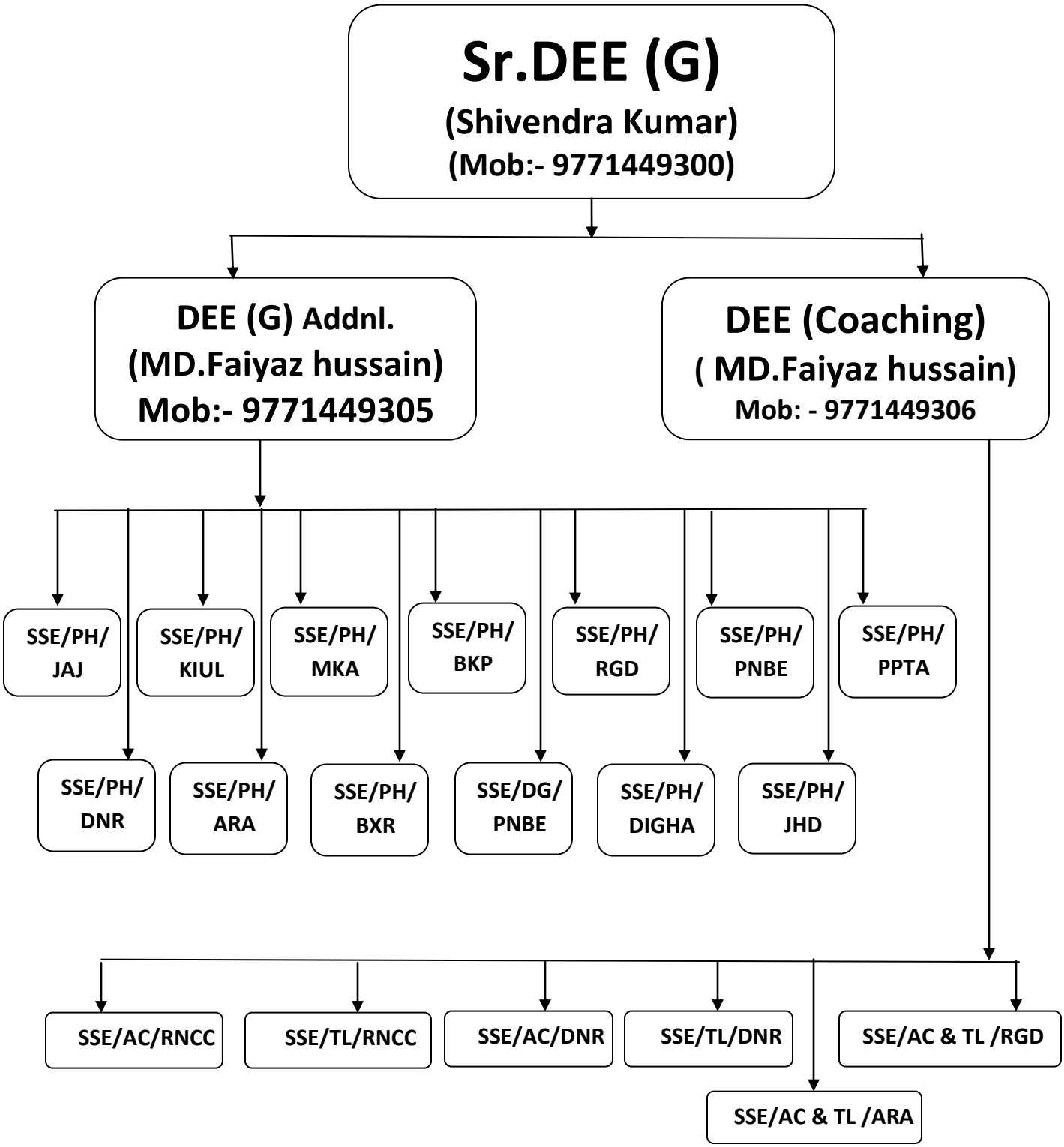
East Central Railway
Danapur

Electrical (G)

Danapur Division

Organization Diagram of Electrical (G) Department/ DNR



A: - (POWER)

Escalators over Danapur Division (16 Nos.)

SL.	Station	Platform	Location
01	PNBE	PF-10	Middle FOB
02	PNBE	PF-10	Middle FOB
03	PNBE	PF-10	East FOB
04	PNBE	PF-01	West FOB
05	PNBE	PF-01	East FOB
06	PNBE	PF-01	East FOB
07	PNBE	PF- 04 & 05	Middle FOB
08	PNBE	PF- 04 & 05	Middle FOB
09	RJPB	PF-01	East FOB
10	RJPB	PF- 02 & 03	East FOB
11	ARA	PF-01	New FOB
12	ARA	PF- 02 & 03	New FOB
13	BXR	PF-01	New FOB
14	BXR	PF- 02 & 03	New FOB
15	PPTA	PF-01	(Up direction)
16	PPTA	PF-01	(Down Direction)

Lifts over Danapur Division (29 nos.)

SL.	Station	No of Lift	Location
01	BXR	01	PF-01
02	BXR	01	PF- 02 & 03
03	RJPB(T)	01	PF-01
04	RJPB(T)	01	PF- 02 & 03
05	RJPB(T)	01	PF-04
06	ORH(RJPB)	01	Residential building
07	Rail Ashray	02	Residential building
08	Rail Vihar	02	Residential Building
09	Digha	02	Block “A”
10	Digha	02	Block “B”
11	Digha	03	Block “C”
12	Digha	02	(ORH)
13	PPTA	01	PF-01
14	PPTA	01	PF- 04 & 05
15	MHX	01	Meeting Hall
16	Central Hospital	02	Main Entrance
17	Central Hospital	01	Back Entrance
18	Patna Jn.	01	PF-10
19	Patna Jn.	01	PF-01
20	Danapur	01	PF-01
21	Ara	01	PF-04

Roof Top Solar System in Danapur Division

SL	Station	Location	Capacity of Solar (kWP)
01	Rajendra Nagar	Station Building	75
		RNCC Depot	260
		New ORS	20
		Guard Room	30
		Total at RJPB:-	**385**
02	Patna Junction	Central Hospital	145
		Station Building	442
		Power House	50
		Total at PNBE:-	**637**
03	Danapur	DRM Office	250
		Railway Hospital	150
		Railway School	100
		Station Building	20
		OPD Railway Hospital	100
		Total at DNR:-	**620**
04	Patliputra	Platform Shed	140
		Total at PRP:-	**140**
05	Rajgir	Platform Shed Rest house(open line)	50 100
		Total at RGD:-	**150**
06	5 no. stations	**1.Pws** **2.PNC** **3.FUT** **4.BARH** **5.BKP**	**1.20** **2.70** **3.20** **4.20** **5.20**
		Total :-	**150**
		Total in DNR Division	**2082KWP**

Provision of 100 feet National Flag over Danapur Division.

SL	Station	Location
01	Patna Jn.	Circulating Area (North Side)
02	Rajendra Nagrar (T)	Circulating Area
03	Patliputra JN.	Circulating Area
04	Danapur JN.	Circulating Area
05	Danapur	Jagjivan Stadium
06	ARA	Circulating Area
07	Jamui	Circulating Area
08	Lakhisarai	Circulating Area
09	Shekhpura	Circulating Area
10	Nawada	Circulating Area
11	Biharsarif	Circulating Area
12	BXR	Circulating Area

Provision of HVLS (High Volume Low Speed) Fan over Danapur Division.

SL	Station	No of HVLS Fan	Location
01	Patna Junction	03	Main Concourse North Side
02	Patna Junction	04	Waiting hall cum booking office
03	Karbigahiya End	02	Main Concourse South Side
04	Central Hospital	01	Main Concourse
05	Patliputra	01	Main Concourse
06	Patliputra	02	Platform no-01
07	ARA	01	Main Concourse
08	Buxer	02	Main Concourse
09	Patna city	01	Main Concourse
10	Jhajha	02	Main Concourse
11	Dildarnagar	01	Booking Office
12	Mokama	03	Main Concourse
13	Barh	01	Main Concourse
14	Barh	01	Booking Office
15	Digha	02	Stadium
16	Rajgir	01	Main Concourse
	Total:-	**28**	

Façade lighting -

❖ **Patna Jn.**

❖ **Rajendra Nagar :-**

❖ Patliputra : -

❖ Jhajha :-

❖ **ARA Jn.:-**

❖ **Rajgir:-**

❖ Provision of Hi Mast Light over Danapur Division.

SL	Location	No of Tower	SL	Location	No of Tower
01	JAJ	13	22	BEA	1
02	GHR	1	23	DURE	2
03	JMU	2	24	BXR	3
04	KEU	7	25	DLN	1
05	LKR	5	26	PPNG	1
06	HTZ	1	27	TEA	2
07	MKA	2	28	JHD	3
08	BARH	2	29	JHDC	1
09	BKP	1	30	CKH	2
10	FUT	10	31	SRY	4
11	PNC	1	32	WRS	8
12	GZH	1	33	NWD	1
13	RNCC	4	34	SHK	3
14	RJPB	5	35	TIA	1
15	PNBE	10	36	WZJ	1
16	MHX	1	37	WENA	2
17	PWS	2	38	BEHS	2
18	DNR	21	39	RGD	5
19	BTA	2	40	PPTA	10
20	KUA	2	41	PRP Digha	6
21	ARA	10	42	TRG	3
				Total	**165**

- **Solar E.V. Charging System: -**
  - ✓ Provided in Divisional Rail Manager Office at Danapur.

- **No of HT Connection: - 27 Nos. (33 KV= 03, 11 KV = 24 Nos.)**
- **No of LT Connection: - 139 Nos. (Station= 74, L.C. Gate= 65 Nos.)**
- **No of High Mast Tower: - 165 Nos.**
- **No of Electrified Halt/Station: - 156 Nos.**
- **No. of Electrified quarters: - 4907 Nos.**
- **No. of stationary DG sets: - 57 Nos.**
- **No. of Air-Conditions (Split & Window) : - 1003 Nos.**
- **No. of Centralized AC Unit (Ton): - 1825.50 Tons.**
- **No. of Water coolers: - 74 Nos.**
- **No. of Pumps: 165 Nos.**
- **No. of Power Depots: 19**

(JAJ, KEU, SHK, NWD, MKA, BARH, BKP, BEHS, RGD, FUT, PNC, RJPB, PNBE, JHD, PPTA, DNR, ARA, BXR,) DLN

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B. (COACHING - AC & TL)

DEPOT DETAILS: -

{1} RAJENDRA NAGAR COACHING COMPLEX: -

SL	TYPE OF COACH	HOLDING	BARE
01	LWFAC (1st AC) (TEJAS)	5	4
02	LWACCW (2nd AC) (TEJAS)	12	10
03	LWACCN (3rd AC) (TEJAS)	27	22
04	LWCBAC (Pantry car) (TEJAS)	3	2
05	LWLRRM (Power car) (TEJAS)	5	4
06	LWFAC (1st AC)	23	14
07	LWFCWAC (1st & 2nd ac)	2	0
08	LWACCW (2nd AC)	70	32
09	LWACCN (3rd AC)	144	102
10	LWACCNE (Economy 3rd AC)	18	22
11	LWACCNAA (Economy 3rd AC)	11	0
12	LWCBAC (Pantry car)	17	14
13	LWLRRM (Power car)	24	19
14	LWSCN (Sleeper)	139	96
15	LWS (General)	55	56
16	LSLRD	18	15
17	LWSCZAC Janshabdi AC)	11	7
18	LWSCZ (Janshabdi non-AC)	47	43
	TOTAL	**631**	462

- **RNCC DEPOT HAVE ONLY LHB TYPE OF COACHES**

{2} DANAPUR COACHING COMPLEX: -

❖ DETAILS OF LHB TYPE OF COACHES: -

SL	TYPE OF COACH	HOLDING	BARE
01	LWFAC (1st AC)	3	1
02	LWACCW (2nd AC)	10	2
03	LWACCN (3rd AC)	9	5
04	LWACCNE (Economy 3rd AC)	1	1
05	LWCBAC (Pantry car)	3	1
06	LWLRRM (Power car)	5	3
07	LWSCN (Sleeper)	10	6
08	LWS (General)	48	44
09	LSLRD	5	3
10	LWSCZ (Janshabdi non AC)	0	0
	TOTAL	**104**	**66**

❖ DETAILS OF ICF (NON-LHB) TYPE OF COACHES: -

SL	TYPE OF COACH	HOLDING	BARE
01	WGSCZACJ (Janshabdi AC chair car)	2	0
02	WGSCZJ (Janshabdi Non-AC chair car)	3	0
03	WGSCZRJ	0	0
04	WGFAC (1st AC)	0	0
05	WGFACCW (1st & 2nd AC)	0	0
06	WGACCW (2nd AC)	14	0
07	WGCWNAC (2nd & 3rd AC)	0	0
08	WGACCN (3rd AC)	24	4
09	WGACCN/C 3rd AC)	0	0
10	WGSCZAC (AC chair car)	4	2
11	GS/GSCZ (General)	116	68
12	GS/GSCZ/C (General)	4	0
13	WGSCN (Sleeper)	95	12
14	WGSCN/C (Sleeper)	2	0
15	WGCB (Pantry car)	0	0
16	SLR	28	10
17	SLR/C	0	0
	TOTAL	**292**	**96**

{3} RAJGIR COACHING COMPLEX: -

❖ DETAILS OF LHB TYPE OF COACHES: -

SL	TYPE OF COACH	HOLDING	BARE
01	LWFAC (1st AC)	4	3
02	LWACCW (2nd AC)	11	6
03	LWACCN (3rd AC)	20	18
04	LWCBAC (Pantry car)	4	3
05	LWLRRM (Power car)	4	3
06	LWSCN (Sleeper)	22	18
07	LWS (General)	14	12
08	LSLRD	4	3
01	**TOTAL**	**73**	**66**

❖ DETAILS OF ICF (NON-LHB) TYPE OF COACHES: -

SL	TYPE OF COACH	HOLDING	BARE
01	WGFACCW (1st & 2nd AC)	3	0
02	WGACCW (2nd AC)	7	0
03	WGACCN (3rd AC)	12	0
04	GS/GSCZ (General)	20	0
05	WGSCN (Sleeper)	39	0
06	WGCB (Pantry car)	4	0
07	SLR	10	0
	TOTAL	**95**	**0**

{4} ARA COACHING COMPLEX: -

❖ DETAILS OF LHB TYPE OF COACHES: -

SL	TYPE OF COACH	HOLDING	BARE
01	LWFAC (1st AC)	10	6
02	LWACCW (2nd AC)	16	12
03	LWACCN (3rd AC)	46	36
04	LWLRRM (Power car)	11	12
05	LWSCN (Sleeper)	45	36
06	LWS (General)	25	24
07	LSLRD	4	0
08	LWACCNE (Economy 3rd AC)	2	6
	TOTAL	159	132

❖ ARA DEPOT HAVE ONLY LHB TYPE OF COACHES

{5} PATNA COACHING COMPLEX: -

❖ **DETAILS OF ICF (NON-LHB) TYPE OF COACHES: -**

SL	TYPE OF COACH	HOLDING	BARE
01	WGFAC (1st AC)	2	0
02	WGCWNAC (2nd & 3rd AC)	13	0
03	GS/GSCZ (General)	27	13
04	WGSCN (Sleeper)	4	0
05	WGCB (Pantry car)	2	0
06	SLR	4	2
	TOTAL	**52**	**15**

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❖ **PATNA COACHING DEPOT HAVE ONLY ICF (NON-LHB) TYPE OF COACHES**

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