



National Rural Roads Development Agency

Training Plan-2018-19

for

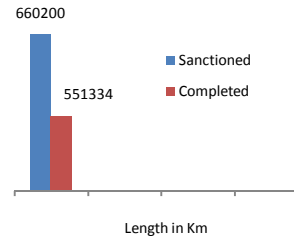
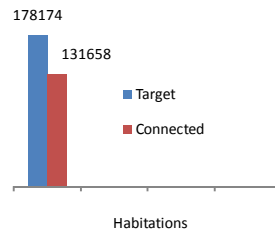
Pradhan Mantri Gram Sadak Yojana (PMGSY)

The Pradhan Mantri Gram Sadak Yojana was launched by Government of India, as part of its broad poverty reduction strategy, to provide connectivity to unconnected habitations. The primary objective of Pradhan Mantri Gram Sadak Yojana (PMGSY) is to provide single connectivity by way of an All-Weather road to

- Unconnected habitations with a population of 500 and above in plain areas.
- Unconnected habitations with a population of 250 and above in Special category states.
- Unconnected habitations with a population of 100-249 in LWE blocks.

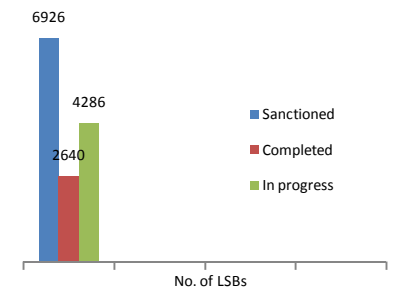
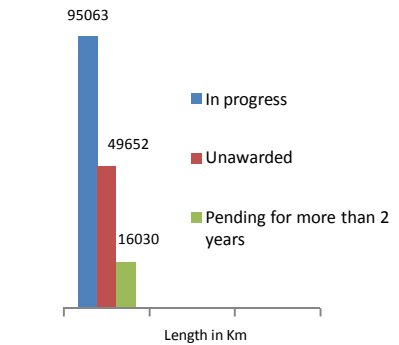
Programme Achievements

The programme has so far delivered connectivity to 1,31,658 habitations, out of a total target of 1,78,174 habitations. Sanctions have been accorded to about 6,60,200 Km and 5,51,334 Km has been completed. The programme has seen increased pace of implementation in the last two years with an average completion rate of 131 Km/day.



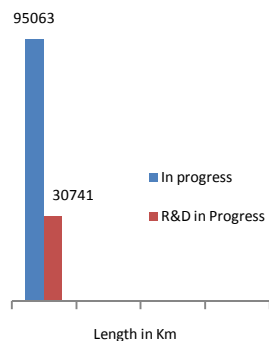
Current Project Scenario

With the target date of achieving 100% connectivity being advanced to March, 2019. The programme has moved to its last phase of implementation with regard to its basic objective of providing single connectivity. However, the challenge lies in completing these residual connectivity targets since these are mostly located in NE, Himalayan and few other difficult areas. Further, these states need to complete the upgradation targets as well. These states need to focus on two areas, completion of sanctioned works and submission of proposals for balance works for the state specific targets. There are about 95,063 Km length of roads and 4,286 LSBs which are in progress. Out of which, 16,030 Km works are pending for more than 2 years. Further, another 49,652 Km are still un-awarded. MoRD is also awaiting proposals for another 65,000 Km. Thus the core area of concerns for MoRD and NRRDA are planning, project preparation, procurement and project management.



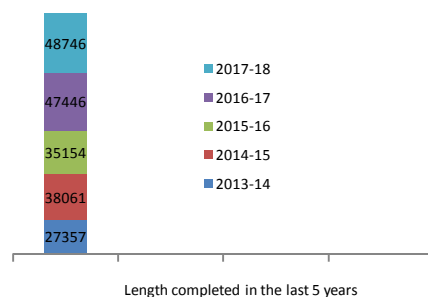
Technology Initiatives

Since, 2013, the programme has mandated that 15% of the project proposals should be proposed adopting new technology and materials. Out of 95,063 Km length of ongoing works, about 30,741 Km are under the R&D category.



Asset Management

The Maintenance of roads constructed under PMGSY is integral to the scheme. With about 1.95 lakh Km PMGSY roads under 5 year maintenance there is need for a systematic approach to maintenance and adoption of best practices like e-marg has now become imperative. Further, the scheme is moving towards the holistic improvement of DRRP under PMGSY II and III. The network management beyond PMGSY boundaries is becoming the need of the hour. The states need to be sensitized on Asset Maintenance and Management of the entire rural road network and NRRDA has to take lead in this regard through continuous capacity building of the states.



Road Safety

Road safety in rural roads has generally not been given the due importance by the states. This is due to inherent difficulties in fully adopting required measures in the rural areas including engineering, legal and social. PMGSY has built in provisions for road safety under the scheme. However, the increasing traffic and fast moving vehicles has now necessitated the need for creating more awareness and skill in adopting these measures.

Training and Skill Development

The scheme has been known for its well structured implementation process beginning from the planning stage, adoption of design and specifications, layered verification process, web based approval, monitoring and detailed & well established QC process. Another aspect is the sustained process of training and capacity building of the stakeholders involved in the implementation of the scheme at all levels. So far, 38,342 officials have been trained since the inception of the programmes.

The background of the scheme and its current status has been highlighted in the previous paragraphs. Based on the same, the following areas have been identified as the priority areas of actions for training during 2018-19.

- **Planning and Project Preparation**
- **Design Construction and Maintenance of Pavements**
- **Design and Construction of Bridges**
- **Procurement and Project Management**
- **New Technology Initiatives**
- **Asset Management**
- **Road Safety**

While training on certain basic areas will continue, specialized programmes on bridges, new technology,

Project management, Asset management and Road safety will be an added feature during 2018-19. Sponsoring select delegations to international training programmes on road safety, Performance based maintenance etc., will be an highlight.

PMGSY has always maintained a need based approach towards training. The broad training focus areas have been applied to states based on their current implementation status and issues to be addressed. The states have been categorized into three groups. The group A states are those who have accomplished both PMGSY I and II targets. The group B states are those which are likely to close both PMGSY I and II in the current year and group C are the states with substantial ongoing works and work to be sanctioned under PMGSY I&II. The training needs have been assessed state-wise considering the above categorization.

The services of traditional training partners of NRRDA including IAHE, CRRRI, PTAs and STAs will be utilized and this will be supplemented through other premier institutes like NICMAR, ESCI, ASCI, AITD and IRTE etc.

The training need of NRRDA has also been taken into account. The following pages provide information on the institute wise, subject wise and state wise training plan for the year 2018-19. **It is targeted to cover about 7,845 officials during 2018-19.**

PMGSY CURRENT NATIONAL PROFILE

No. of States	28
No. of PIUs	1,216
Length of Rural roads as per OMMAS	20,90,836 Km
Length of Rural roads as per MoRTH	30,18,670 Km
No. of Staff involved in PMGSY	13,179*
Length of ongoing works	95,063 Km
Roads under 5 year maintenance	1,96,766 Km
No. of LSBs in progress	4,286
R&D works in progress	30,746 Km
Works to be Sanctioned	65,000 Km
Un-Awarded works (More than 90 days)	33,811 Km
Works pending for more than 2 years	16,030 Km

**Excluding 5 states, which have not submitted Staff details*

Training Matrix

Indicators	Training Area	Institutions/Organisations
Project proposals and Sanction	Planning & Project Preparation Design and Construction of Pavements including QC	<ul style="list-style-type: none"> • Central Road Research Institute (CRR) • Indian Academy of Highway Engineers (IAHE) • Principal Technical Agencies (PTAs) • State Technical agencies (STAs), • Engineering Staff College of India (ESCI) • Administrative Staff college of India (ASCI) • National Institute of Construction Management and Research (NICMAR) • Institute of Road Traffic Education (IRTE) • Asian Institute of Transport Development (AITD) • Rural Connectivity Training and Research Centres (RCTRC) • National Institute of Rural Development & Pt. Raj (NIRD&PR) • State Institute of Rural Development (SIRDs) • International Road Federation (IRF) • World Road Association (WRA)
Physical Performance/Targets	Procurement, Contract and Project Management	
LSBs in progress	Design and Construction of Bridges	
R&D works in progress	New Technology Initiatives	
Rural Road Network and PMGSY roads under maintenance	Asset Management (PBMC/CBMC/e-marg/GIS)	
	Road Safety and Road Safety Audit	

Categorisation of States and Broad Training needs

Group A

- Gujarat, Haryana, Karnataka and Punjab
- **Asset Management (PBMC/CBMC/e-marg /GIS)**
- **Road Safety and Road Safety Audit**

Group B

- Andhra Pradesh, Chhattisgarh, Kerala, Maharashtra, Madhya Pradesh, Rajasthan, Tamil Nadu, Telangana and Uttar Pradesh
- **Procurement, Contract and Project Management, Design and Construction of Bridges, New Technology Initiatives, Asset Management (PBMC/CBMC/e-marg /GIS), Road Safety and Road Safety Audit**

Group C

- Arunachal Pradesh, Assam, Bihar, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Odisha, Sikkim, Tripura, Uttarakhand and West Bengal
- **Planning & Project Preparation, Design and Construction of Pavements including QC Procurement, Contract and Project Management, Design and Construction of Bridges, New Technology Initiatives,**

Training Indicators and Target States

I. Project proposals and Sanction

Focus Area	Target States	
<ul style="list-style-type: none"> • Planning & Project Preparation • Design and Construction of Pavements including QC 	Length more than 2500 Km to be sanctioned	Uttarakhand
		Arunachal Pradesh
		Odisha
		Jammu and Kashmir
		Himachal Pradesh
		Assam
		Meghalaya
		Jharkhand
		Mizoram
		West Bengal
Manipur		

II. Physical Performance/Targets

Focus Area	Target States			
Procurement, Contract and Project Management	Length more than 1000 Km un-awarded after 90 days	Odisha	Length more than 500 Km pending for more than 2 years	Bihar
		Assam		Jammu and Kashmir
		West Bengal		Jharkhand
		Madhya Pradesh		Chhattisgarh
		Manipur		Odisha
		Jammu and Kashmir		Madhya Pradesh
		Bihar		West Bengal
		Chhattisgarh		Meghalaya
		Uttarakhand		Arunachal Pradesh
		Himachal Pradesh		

III. No. of Ongoing LSBs

Focus Area	Target States
Design and Construction of Bridges	Assam
	Bihar
	Madhya Pradesh
	Jharkhand
	Odisha
	Chhattisgarh
	Telangana
	Maharashtra
	Arunachal Pradesh
	Andhra Pradesh
	Jammu and Kashmir

IV. Length of ongoing R&D works

Focus Area	Target States
New Technology Initiatives	Odisha
	Bihar
	West Bengal
	Assam
	Madhya Pradesh
	Jharkhand
	Chhattisgarh
	Uttarakhand
	Uttar Pradesh
	Meghalaya
	Himachal Pradesh

V. Rural Road Network and PMGSY roads under maintenance

Focus Area	Target States			
<ul style="list-style-type: none"> • Asset Management (PBMC/CBMC/e-marg /GIS) • Road Safety and Road Safety Audit 	Length more than 500 Km under 5 year maintenance	Bihar	Rural Road Network more than 1 lakh KM	Maharashtra
		Odisha		Assam
		Madhya Pradesh		Uttar Pradesh
		Uttar Pradesh		Odisha
		Rajasthan		Madhya Pradesh
		West Bengal		Karnataka
		Jharkhand		West Bengal
		Chhattisgarh		Bihar
		Assam		Rajasthan
		Jammu and Kashmir		Tamil Nadu
		Uttarakhand		Kerala
		Tamil Nadu		
		Himachal Pradesh		

Training Plan 2018-19

Subject wise Target participants and Institutions

Sl.No	Programmes	No. of Target Participants	Institutions/Organisations
1	Basic Training Programme for newly inducted officers in PMGSY	478	1. Indian Academy of Highway Engineers (IAHE), New Delhi campus – 366 2. Indian Academy of Highway Engineers (IAHE), Off-campus in NE - 112
2	Preparation of DPRs (Cost estimation) for rural roads	355	1. Indian Academy of Highway Engineers (IAHE), New Delhi campus – 137 2. Indian Academy of Highway Engineers (IAHE), Off-campus in NE - 178 3. Indian Institute of Technology (IIT), BHU (Varanasi) - 40
3	Design of Flexible & Rigid Pavements	569	1. Indian Academy of Highway Engineers (IAHE), New Delhi campus – 121 2. Indian Academy of Highway Engineers (IAHE), Off-campus in NE – 99 3. Indian Institute of Technology (IIT), Guwahati -80 4. Indian Institute of Technology (IIT), BHU (Varanasi) - 40 5. Indian Institute of Technology (IIT), Roorkee -63 6. National Institute of Technology (IIT), Warangal -120 7. National Institute of Technology (IIT), Raipur - 46
4	Basic programme-Planning Design and Construction of Bridges & Culverts	764	1. Engineering Staff College of India (ESCI), Hyderabad - 764
5	Quality Control and Material Testing Procedures & Laboratory Practice	554	1. Indian Academy of Highway Engineers (IAHE), New Delhi Campus-95 2. Indian Institute of Technology (IIT), Guwahati-170 3. Indian Institute of Technology (IIT), Roorkee-71 4. National Institute of Technology (NIT), Warangal -60 5. National Institute of Technology (NIT), Raipur – 45 6. Manipur Institute of Technology (MIT), Imphal – 72 7. College of Engineering, Pune - 41
6	Procurement and contract management for PMGSY works	414	1. Indian Academy of Highway Engineers(IAHE), New Delhi Campus-153 2. Indian Academy of Highway Engineers (IAHE), Off-campus in NE – 48 3. Administrative Staff College of India(ASCI), Hyderabad - 213

Sl.No	Programmes	No. of Target Participants	Institutions/Organisations
7	Technology Initiatives in Rural Roads	1358	1. Central Road Research Institute, New Delhi – 647 2. Indian Institute of Technology, Bhubaneswar -60 3. Indian Institute of Technology, Kharagpur – 70 4. Indian Institute of Technology, Roorkee -191 5. National Institute of Technology, Warangal -390
8	Advanced Programme for Planning, Design and Construction of Bridges	773	1. Engineering Staff College of India (ESCI), Hyderabad - 773
9	Construction and Project management for Road projects	441	1. National Institute of Construction Management and Research , (NICMAR), Pune- 441
10	Asset Management (PBMC/CBMC/e-marg/GIS)	908	1. National Institute of Rural Development & Panchayat Raj (NIRD&PR), Hyderabad- 803 2. National Institute of Rural Development & Panchayat Raj (NIRD&PR), Off-campus at Guwahati - 105
11	Road Safety and Road Safety Audit in Rural Roads	1182	1. Asian Institute of Transport Development, New Delhi, 2. Institute of Road Traffic Education, Faridabad and 3. Central Road Research Institute, New Delhi
12	Rural Roads Development Course	49	1. International Road Federation (IRF) and 2. World Road Association (WRA)
	Road Safety		
	Performance Based maintenance Contracts		
	Total	7845	

Target Participants – NRRDA & States

Sl.No	States/Agency	Target Participants (in Nos.)
1	NRRDA	88
2	Andhra Pradesh	267
3	Arunachal Pradesh	452
4	Assam	852
5	Bihar	673
6	Chhattisgarh	461
7	Gujarat	78
8	Haryana	93
9	Himachal Pradesh	233
10	Jammu And Kashmir	332
11	Jharkhand	380
12	Karnataka	93
13	Kerala	102
14	Madhya Pradesh	379
15	Maharashtra	266
16	Manipur	178
17	Meghalaya	116
18	Mizoram	56
19	Nagaland	52
20	Odisha	422
21	Punjab	106
22	Rajasthan	453
23	Sikkim	62
24	Tamilnadu	227
25	Telangana	307
26	Tripura	101
27	Uttar Pradesh	261
28	Uttarakhand	507
29	West Bengal	248
	Total	7845

Agency: NRRDA

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	✓	✓	✓	✓	✓	✓	✓
Target Group	YCEs (Newly Inducted)	YCEs from PI, PII and PIII	All YCEs, All ADs and JDs	All ADs and JDs	All YCEs, All ADs and JDs	All YCEs, All ADs and JDs	All YCEs, All ADs and JDs
	Regular Programmes						
		Specialised programmes					
	Foreign Programmes						

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	2	IAHE, New Delhi *ESCI, Hyd.
	ii. Preparation of DPRs (Cost estimation) for rural roads	3	
	iii. Design of Flexible & Rigid Pavements	3	
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	3*	
	v. Quality Control and Material Testing Procedures & Laboratory Practice	3	
	vi. Procurement and contract management for PMGSY works	7	
Specialised Programmes	i. Technology Initiatives in Rural Roads	12	CRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	12	ESCI, Hyd.
	iii. Construction and Project management for Road projects	12	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	12	NIRD&PR, Hyd.
	v. Road Safety and Road Safety Audit in Rural Roads	12	AIDT, New Delhi/CRRI, New Delhi/IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course	7¹	IRF, WRA
	ii. Road Safety		
	iii. Performance Based maintenance Contracts		
Total		88	

¹ JD and above In NIRDA and MoRD

Agency: SRRDA, Andhra Pradesh – Group B state

State Profile

PIUs	25	Staff in PMGSY	1203
Rural roads as per DRRP (31.03.2018)	1,02,509 Km	Rural roads as per MoRTH (31.03.2016)	97,666 Km
Ongoing works	1,477 Km	Annual Target	500 Km
To be sanctioned	0	Under 5 year maintenance	2,520 Km
R&D works ongoing	529 Km	LSBs under construction	131 Nos.
Un-awarded > 90 days	488 Km	In progress > 2 years	371 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	√	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	10	NIT, Warangal
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	50 @ 2 per PIU	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	10	NIT, Warangal
	vi. Procurement and contract management for PMGSY works	10	IAHE, New Delhi/ASCI, Hyderabad
Specialised Programmes	i. Technology Initiatives in Rural Roads	50 @ 2 per PIU	NIT, Warangal
	ii. Advanced Programme for Planning, Design and Construction of Bridges	50 @ 2 per PIU	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	10	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	25	NIRD&PR
	v. Road Safety and Road Safety Audit in Rural Roads	50 @ 2 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course	2 ²	IRF/WRA
	ii. Road Safety		
	iii. Performance Based maintenance Contracts		
Total		267	

² Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Arunachal Pradesh – Group C state

State Profile			
PIUs	24	Staff in PMGSY	411
Rural roads as per DRRP (31.03.2018)	18,474 Km	Rural roads as per MoRTH (31.03.2016)	14,509 Km
Ongoing works	2249 Km	Annual Target	1400 Km
To be sanctioned	7373 Km	Under 5 year maintenance	3441 Km
R&D works ongoing	600 Km	LSBs under construction	139 Nos.
Un-awarded > 90 days	42 Km	In progress > 2 years	508 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	X	X
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Agency: SRRDA, Arunachal Pradesh – Group C state

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	66	IAHE (Off-campus)
	iii. Design of Flexible & Rigid Pavements	96	IAHE (Off-campus)
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	48 @ 2 per PIU	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	90	IIT, Guwahati
	vi. Procurement and contract management for PMGSY works	48	IAHE (Off-campus)
Specialised Programmes	i. Technology Initiatives in Rural Roads	24 @ 1 per PIU	CRRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	48 @ 2 per PIU	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	10	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	10	NIRD&PR, Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	10	AIDT, New Delhi/ CRRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2³	IRF/WRA
	Total	452	

³ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Assam – Group C state

State Profile			
PIUs	56	Staff in PMGSY	924
Rural roads as per DRRP (31.03.2018)	52,532 Km	Rural roads as per MoRTH (31.03.2016)	2,91,933
Ongoing works	9543 Km	Annual Target	5000 Km
To be sanctioned	4500 Km	Under 5 year maintenance	6673 Km
R&D works ongoing	2593 Km	LSBs under construction	1144 Nos.
Un-awarded > 90 days	4667 Km	In progress > 2 years	494 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	X	X
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	112 @ 2 per PIU⁴	IAHE, Off Campus
	ii. Preparation of DPRs (Cost estimation) for rural roads	112 @ 2 per PIU	IAHE, Off Campus
	iii. Design of Flexible & Rigid Pavements	80	IIT Guwahati
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	112 @ 2 per PIU	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	80	IIT Guwahati
	vi. Procurement and contract management for PMGSY works	56 @ 1 per PIU	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	112 @ 2 per PIU	CRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	112 @ 2 per PIU	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	56 @ 1 per PIU	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	10	NIRD&PR Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	10	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	-	-
	Total	852	

⁴ Newly recruited Engineers

Agency: SRRDA, Bihar – Group C state

State Profile			
PIUs	108	Staff in PMGSY	
Rural roads as per DRRP (31.03.2018)	77,176 Km	Rural roads as per MoRTH (31.03.2016)	1,75,373 Km
Ongoing works	6778 Km	Annual Target	6000 Km
To be sanctioned	2500 Km	Under 5 year maintenance	24829 Km
R&D works ongoing	3276 Km	LSBs under construction	623 Nos.
Un-awarded > 90 days	1948 Km	In progress > 2 years	1422 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	√	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	14	IIT, BHU (Varnasi)
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	108 @ 1 per PIU	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	9	IAHE, New Delhi
	vi. Procurement and contract management for PMGSY works	54	IAHE, New Delhi/ ASCI, Hyderabad
Specialised Programmes	i. Technology Initiatives in Rural Roads	108 @ 1 per PIU	CRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	108 @ 1 per PIU	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	54	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	108	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	108	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course		
	ii. Road Safety	2	-
	iii. Performance Based maintenance Contracts		
	Total	673	

Agency: SRRDA, Chhattisgarh – Group B state

State Profile			
PIUs	50	Staff in PMGSY	617
Rural roads as per DRRP	69,210 Km	Rural roads as per MoRTH	35,048 Km
Ongoing works	7,194 Km	Annual Target	4,000 Km
To be sanctioned	1,000 Km	Under 5 year maintenance	9,062 Km
R&D works ongoing	2,073 Km	LSBs under construction	252 Nos.
Un-awarded > 90 days	1,948 Km	In progress > 2 years	1,422 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	√	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
	Foreign Programmes						

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	46	NIT, Raipur
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	50 @ 1 per PIU	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	45	NIT, Raipur
	vi. Procurement and contract management for PMGSY works	18	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	100 @ 2 per PIU	NIT, Warangal
	ii. Advanced Programme for Planning, Design and Construction of Bridges	50 @ 1 per PIU	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	50 @ 1 per PIU	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	50 @ 1 per PIU	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	50 @ 1 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2⁵	IRF, WRA
	Total	461	

⁵ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Gujarat – Group A state

State Profile			
PIUs	26	Staff in PMGSY	402
Rural roads as per DRRP (31.03.2018)	61,267 Km	Rural roads as per MoRTH (31.03.2016)	85,989 Km
Ongoing works	35 Km	Annual Target	50 Km
To be sanctioned	NIL	Under 5 year maintenance	4759 Km
R&D works ongoing	26 Km	LSBs under construction	11 Nos.
Un-awarded > 90 days	0	In progress > 2 years	20 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	X	X	X	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	-	-
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	26 @ 1 per PIU	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	52 @2 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	-	-
	Total	78	

Agency: SRRDA, Haryana– Group A state

State Profile			
PIUs	31	Staff in PMGSY	511
Rural roads as per DRRP (31.03.2018)	40,595 Km	Rural roads as per MoRTH (31.03.2016)	6974 Km
Ongoing works	5 Km	Annual Target	50 Km
To be sanctioned	0	Under 5 year maintenance	1027 Km
R&D works ongoing	0	LSBs under construction	0 Nos.
Un-awarded > 90 days	0	In progress > 2 years	0

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	X	X	X	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	-	-
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	31 @ 1 per PIU	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	62 @2 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	-	-
	Total	93	

Agency: SRRDA, Himachal Pradesh – Group C state

State Profile			
PIUs	55	Staff in PMGSY	716
Rural roads as per DRRP (31.03.2018)	32,946 Km	Rural roads as per MoRTH (31.03.2016)	44,755 Km
Ongoing works	4579 Km	Annual Target	2400 Km
To be sanctioned	6000 Km	Under 5 year maintenance	5047 Km
R&D works ongoing	1025 Km	LSBs under construction	47 Nos.
Un-awarded > 90 days	1203 Km	In progress > 2 years	480 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	X	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	7	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	6	IAHE, New Delhi
	iii. Design of Flexible & Rigid Pavements	7	IAHE, New Delhi
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	10	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	11	IAHE, New Delhi
	vi. Procurement and contract management for PMGSY works	10	ASCI, Hyderabad
Specialised Programmes	i. Technology Initiatives in Rural Roads	55 @ 1 per PIU	CRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	10	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	5	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	55 @ 1 per PIU	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	55 @ 1 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety i. Performance Based maintenance Contracts	2⁶	IRF, WRA
	Total	233	

⁶ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Jammu & Kashmir – Group C state

State Profile			
PIUs	31	Staff in PMGSY	326
Rural roads as per DRRP (31.03.2018)	38.728 Km	Rural roads as per MoRTH (31.03.2016)	22,698 Km
Ongoing works	6,047 Km	Annual Target	2,800 Km
To be sanctioned	6,000 Km	Under 5 year maintenance	6,105 Km
R&D works ongoing	363 Km	LSBs under construction	109 Nos.
Un-awarded > 90 days	2,420 Km	In progress > 2 years	2,382Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	X	X
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Agency: SRRDA, Jammu & Kashmir – Group C state

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	57	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	55	IAHE, New Delhi
	iii. Design of Flexible & Rigid Pavements	53	IAHE, New Delhi
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	35	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	35	IAHE, New Delhi
	vi. Procurement and contract management for PMGSY works	16	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	15	CRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	35	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	10	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	10	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	10	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	1⁷	-
	Total	332	

⁷ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Jharkhand – Group C state

State Profile			
PIUs	52	Staff in PMGSY	-
Rural roads as per DRRP (31.03.2018)	63,288 Km	Rural roads as per MoRTH (31.03.2016)	36,076 Km
Ongoing works	6116 Km	Annual Target	5000 Km
To be sanctioned	3150 Km	Under 5 year maintenance	11614 Km
R&D works ongoing	2275 Km	LSBs under construction	364 Nos.
Un-awarded > 90 days	603 Km	In progress > 2 years	1,462Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	X	X
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	73	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	40	IIT, BHU, Varanasi
	iii. Design of Flexible & Rigid Pavements	14	IIT, BHU, Varanasi
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	52 @ 1 per PIU	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	3	IAHE, New Delhi
	vi. Procurement and contract management for PMGSY works	5	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	52 @ 1 per PIU	CRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	52 @ 1 per PIU	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	52 @ 1 per PIU	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	10	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	25	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2⁸	-
	Total	380	

⁸ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Karnataka – Group A state

State Profile			
PIUs	29	Staff in PMGSY	426
Rural roads as per DRRP (31.03.2018)	1,36,287 Km	Rural roads as per MoRTH (31.03.2016)	2,00,389 Km
Ongoing works	9 Km	Annual Target	50 Km
To be sanctioned	0	Under 5 year maintenance	2,631 Km
R&D works ongoing	14 Km	LSBs under construction	01 Nos.
Un-awarded > 90 days	7 Km	In progress > 2 years	9 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	X	X	X	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	-	-
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	31 @ 1 per PIU	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	62 @2 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	-	-
	Total	93	

Agency: SRRDA, Kerala – Group B state

State Profile			
PIUs	14	Staff in PMGSY	195
Rural roads as per DRRP (31.03.2018)	57,955 Km	Rural roads as per MoRTH (31.03.2016)	1,27,985 Km
Ongoing works	578 Km	Annual Target	500 Km
To be sanctioned	0	Under 5 year maintenance	1536 Km
R&D works ongoing	462 Km	LSBs under construction	01 Nos.
Un-awarded > 90 days	21 Km	In progress > 2 years	152 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	X	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	24	ESCI Hyd.
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	10	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	16	NIT, Warangal
	ii. Advanced Programme for Planning, Design and Construction of Bridges	24	ESCI, Hyd.
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	14 @ 1 per PIU	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	14 @ 1 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	-	-
	Total	102	

Agency: SRRDA, Madhya Pradesh – Group B state

State Profile			
PIUs	95	Staff in PMGSY	723
Rural roads as per DRRP (31.03.2018)	1,53,145 Km	Rural roads as per MoRTH (31.03.2016)	2,03,542 Km
Ongoing works	7,491 Km	Annual Target	4,500 Km
To be sanctioned	2,000 Km	Under 5 year maintenance	22,788 Km
R&D works ongoing	2,355 Km	LSBs under construction	484 Nos.
Un-awarded > 90 days	3755 Km	In progress > 2 years	757 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	25	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	20	IAHE, New Delhi
	iii. Design of Flexible & Rigid Pavements	20	IAHE, New Delhi
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	20	ESCI Hyd.
	v. Quality Control and Material Testing Procedures & Laboratory Practice	25	IAHE, New Delhi
	vi. Procurement and contract management for PMGSY works	5	ASCI, Hyd
Specialised Programmes	i. Technology Initiatives in Rural Roads	95 @ 1 per PIU	NIT, Warangal
	ii. Advanced Programme for Planning, Design and Construction of Bridges	20	ESCI, Hyd.
	iii. Construction and Project management for Road projects	50	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	-	-
	v. Road Safety and Road Safety Audit in Rural Roads	95 @ 1 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	4⁹	IRF, WRA
	Total	379	

⁹ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Maharashtra – Group B state

State Profile			
PIUs	33	Staff in PMGSY	664
Rural roads as per DRRP (31.03.2018)	3,13,103 Km	Rural roads as per MoRTH (31.03.2016)	4,13,116 Km
Ongoing works	1079 Km	Annual Target	500 Km
To be sanctioned	0	Under 5 year maintenance	4769 Km
R&D works ongoing	307 Km	LSBs under construction	142 Nos.
Un-awarded > 90 days	238 Km	In progress > 2 years	408 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
	Foreign Programmes						

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	38	IAHE, New Delhi
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	32	ESCI Hyd.
	v. Quality Control and Material Testing Procedures & Laboratory Practice	41	CoE, Pune
	vi. Procurement and contract management for PMGSY works	6	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	39	NIT, Warangal
	ii. Advanced Programme for Planning, Design and Construction of Bridges	32	ESCI, Hyd.
	iii. Construction and Project management for Road projects	10	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	33 @ 1 per PIU	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	33 @ 1 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2¹⁰	IRF, WRA
	Total	266	

¹⁰ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Manipur – Group C state

State Profile			
PIUs	25	Staff in PMGSY	170
Rural roads as per DRRP (31.03.2018)	2,687 Km	Rural roads as per MoRTH (31.03.2016)	11,121 Km
Ongoing works	3379 Km	Annual Target	1200 Km
To be sanctioned	2500 Km	Under 5 year maintenance	3312 Km
R&D works ongoing	631 Km	LSBs under construction	77 Nos.
Un-awarded > 90 days	3019 Km	In progress > 2 years	444 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	44	ESCI Hyd.
	v. Quality Control and Material Testing Procedures & Laboratory Practice	22	MIT, Imphal
	vi. Procurement and contract management for PMGSY works	6	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	6	CRRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	44	ESCI, Hyd.
	iii. Construction and Project management for Road projects	5	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	25 @ 1 per PIU	NIRD&PR, Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	25 @ 1 per PIU	AIDT, New Delhi/ CRRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	1 ¹¹	IRF, WRA
	Total	178	

¹¹ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Meghalaya – Group C state

State Profile			
PIUs	26	Staff in PMGSY	417
Rural roads as per DRRP (31.03.2018)	7,222 Km	Rural roads as per MoRTH (31.03.2016)	13,534 Km
Ongoing works	1030 Km	Annual Target	400 Km
To be sanctioned	3850 Km	Under 5 year maintenance	745 Km
R&D works ongoing	1083 Km	LSBs under construction	55 Nos.
Un-awarded > 90 days	64 Km	In progress > 2 years	515 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	10	ESCI Hyd.
	v. Quality Control and Material Testing Procedures & Laboratory Practice	15	MIT, Imphal
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	26	CRRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	10	ESCI, Hyd.
	iii. Construction and Project management for Road projects	2	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	26 @ 1 per PIU	NIRD&PR, Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	26 @ 1 per PIU	AIDT, New Delhi/ CRRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	1¹²	-
	Total	116	

¹² Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Mizoram – Group C state

State Profile			
PIUs	16	Staff in PMGSY	
Rural roads as per DRRP (31.03.2018)	3,856 Km	Rural roads as per MoRTH (31.03.2016)	3487 Km
Ongoing works	1295 Km	Annual Target	400 Km
To be sanctioned	2600 Km	Under 5 year maintenance	944 Km
R&D works ongoing	529 Km	LSBs under construction	0 Nos.
Un-awarded > 90 days	94 Km	In progress > 2 years	1295 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	X	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	3	IAHE off campus
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	5	MIT, Imphal
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	16	CRRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	16 @ 1 per PIU	NIRD&PR, Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	16 @ 1 per PIU	AIDT, New Delhi/ CRRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	-	-
	Total	56	

Agency: SRRDA, Nagaland – Group C state

State Profile			
PIUs	16	Staff in PMGSY	
Rural roads as per DRRP (31.03.2018)	8228 Km	Rural roads as per MoRTH (31.03.2016)	26631 Km
Ongoing works	406 Km	Annual Target	200 Km
To be sanctioned	500 Km	Under 5 year maintenance	869 Km
R&D works ongoing	218 Km	LSBs under construction	0 Nos.
Un-awarded > 90 days	71 Km	In progress > 2 years	142 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	X	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	10	MIT, Imphal
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	10	CRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	16 @ 1 per PIU	NIRD&PR, Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	16 @ 1 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	-	-
	Total	52	

Agency: SRRDA, Odisha – Group C state

State Profile			
PIUs	60	Staff in PMGSY	466
Rural roads as per DRRP (31.03.2018)	88,321 Km	Rural roads as per MoRTH (31.03.2016)	2,17,919 Km
Ongoing works	11977 Km	Annual Target	8000 Km
To be sanctioned	6250 Km	Under 5 year maintenance	22887 Km
R&D works ongoing	4014 Km	LSBs under construction	289 Nos.
Un-awarded > 90 days	5079 Km	In progress > 2 years	1108 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	120	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	40	NIT, Warangal
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	30	ESCI, Hyd
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	60	ASCI, Hyd.
Specialised Programmes	i. Technology Initiatives in Rural Roads	60	IIT, Bhu
	ii. Advanced Programme for Planning, Design and Construction of Bridges	30	ESCI, Hyd
	iii. Construction and Project management for Road projects	20	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	30	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	30	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2¹³	-
	Total	422	

¹³ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Punjab – Group A state

State Profile			
PIUs	54	Staff in PMGSY	874
Rural roads as per DRRP (31.03.2018)	65,814 Km	Rural roads as per MoRTH (31.03.2016)	70,362 Km
Ongoing works	278 Km	Annual Target	50 Km
To be sanctioned	0 Km	Under 5 year maintenance	3507 Km
R&D works ongoing	185 Km	LSBs under construction	04 Nos.
Un-awarded > 90 days	0 Km	In progress > 2 years	260 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	X	X	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	25	CRR I, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	25	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	54	AIDT, New Delhi/ CRR I, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2¹⁴	IRF, WRA
	Total	106	

¹⁴ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Rajasthan – Group B state

State Profile			
PIUs	137	Staff in PMGSY	1002
Rural roads as per DRRP (31.03.2018)	2,01,818 Km	Rural roads as per MoRTH (31.03.2016)	1,71,259 Km
Ongoing works	2968 Km	Annual Target	3000 Km
To be sanctioned	0 Km	Under 5 year maintenance	14,253 Km
R&D works ongoing	915 Km	LSBs under construction	32 Nos.
Un-awarded > 90 days	420 Km	In progress > 2 years	487 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	√	X	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	20	ESCI, Hyd
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	137	CRRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	20	ESCI, Hyd
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	137	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	137	AIDT, New Delhi/ CRRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2 ¹⁵	IRF, WRA
	Total	453	

¹⁵ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Sikkim– Group C state

State Profile			
PIUs	06	Staff in PMGSY	81
Rural roads as per DRRP (31.03.2018)	5,409 Km	Rural roads as per MoRTH (31.03.2016)	4796 Km
Ongoing works	1138 Km	Annual Target	1000 Km
To be sanctioned	300 Km	Under 5 year maintenance	1402 Km
R&D works ongoing	964 Km	LSBs under construction	54 Nos.
Un-awarded > 90 days	294 Km	In progress > 2 years	73 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	6	ESCI, Hyd
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	12	CRRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	6	ESCI, Hyd
	iii. Construction and Project management for Road projects	-	-
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	18	NIRD&PR, Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	20	AIDT, New Delhi/ CRRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course		
	ii. Road Safety	-	-
	iii. Performance Based maintenance Contracts		
	Total	62	

Agency: SRRDA, Tamil Nadu– Group B state

State Profile			
PIUs	39	Staff in PMGSY	1351
Rural roads as per DRRP (31.03.2018)	1,86,525 Km	Rural roads as per MoRTH (31.03.2016)	1,65,292 Km
Ongoing works	2467 Km	Annual Target	2000 Km
To be sanctioned	1300 Km	Under 5 year maintenance	5511 Km
R&D works ongoing	552 Km	LSBs under construction	35 Nos.
Un-awarded > 90 days	417 Km	In progress > 2 years	0 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	35	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	15	NIT, Warangal
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	20	ESCI, Hyd
	v. Quality Control and Material Testing Procedures & Laboratory Practice	-	-
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	50	NIT, Warangal
	ii. Advanced Programme for Planning, Design and Construction of Bridges	20	ESCI, Hyd
	iii. Construction and Project management for Road projects	15	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	35	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	35	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2¹⁶	IRF, WRA
	Total	227	

¹⁶ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Telangana – Group B state

State Profile			
PIUs	20	Staff in PMGSY	859
Rural roads as per DRRP (31.03.2018)	50,356 Km	Rural roads as per MoRTH (31.03.2016)	81,640 Km
Ongoing works	1304 km	Annual Target	500 Km
To be sanctioned	0	Under 5 year maintenance	1492 Km
R&D works ongoing	630 Km	LSBs under construction	192 Nos.
Un-awarded > 90 days	247 Km	In progress > 2 years	142 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	√	√	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	40	NIT, Warangal
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	40 @ 2 per PIU	ESCI, Hyderabad
	v. Quality Control and Material Testing Procedures & Laboratory Practice	40	NIT, Warangal
	vi. Procurement and contract management for PMGSY works	40	IAHE, New Delhi/ASCI, Hyderabad
Specialised Programmes	i. Technology Initiatives in Rural Roads	40 @ 2 per PIU	NIT, Warangal
	ii. Advanced Programme for Planning, Design and Construction of Bridges	40 @ 2 per PIU	ESCI, Hyderabad
	iii. Construction and Project management for Road projects	5	NICMAR, Pune
	vi. Asset Management (PBMC/CBMC/e-marg/GIS)	20	NIRD&PR
	iv. Road Safety and Road Safety Audit in Rural Roads	40 @ 2 per PIU	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course		
	ii. Road Safety	2¹⁷	IRF/WRA
	iii. Performance Based maintenance Contracts		
	Total	307	

¹⁷ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Tripura– Group C state

State Profile			
PIUs	16	Staff in PMGSY	45
Rural roads as per DRRP (31.03.2018)	6,788 Km	Rural roads as per MoRTH (31.03.2016)	35,044 Km
Ongoing works	633 Km	Annual Target	500 Km
To be sanctioned	500 Km	Under 5 year maintenance	1600 Km
R&D works ongoing	232 Km	LSBs under construction	49 Nos.
Un-awarded > 90 days	99 Km	In progress > 2 years	459 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	X	√	X	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	-	-
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	20	MIT, Imphal
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	37	CRRRI, New Delhi
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	10	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	16	NIRD&PR, Guwahati
	v. Road Safety and Road Safety Audit in Rural Roads	16	AIDT, New Delhi/ CRRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2 ¹⁸	IRF, WRA
	Total	101	

¹⁸ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Uttar Pradesh– Group B state

State Profile			
PIUs	106	Staff in PMGSY	130
Rural roads as per DRRP (31.03.2018)	1,55,011 Km	Rural roads as per MoRTH (31.03.2016)	2,45,396 Km
Ongoing works	1000 Km	Annual Target	3000 Km
To be sanctioned	Nil	Under 5 year maintenance	14365 Km
R&D works ongoing	1091 Km	LSBs under construction	0 Nos.
Un-awarded > 90 days	285 Km	In progress > 2 years	51 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	√	√	X	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	-	-
	ii. Preparation of DPRs (Cost estimation) for rural roads	-	-
	iii. Design of Flexible & Rigid Pavements	12	IIT, BHU, Varanasi
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	9	IAHE, New Delhi
	vi. Procurement and contract management for PMGSY works	-	-
Specialised Programmes	i. Technology Initiatives in Rural Roads	106	IIT, Roorkee
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	25	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	53	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	53	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	3¹⁹	IRF, WRA
	Total	261	

¹⁹ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, Uttarakhand- Group C state

State Profile			
PIUs	31	Staff in PMGSY	270
Rural roads as per DRRP (31.03.2018)	24,326 Km	Rural roads as per MoRTH (31.03.2016)	24,755 Km
Ongoing works	4602 Km	Annual Target	3000 Km
To be sanctioned	10,500 Km	Under 5 year maintenance	5810 Km
R&D works ongoing	1156 Km	LSBs under construction	51 Nos.
Un-awarded > 90 days	1299 Km	In progress > 2 years	452 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	√	√	√	√	√	X	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
					Foreign Programmes		

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	32	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	42	IAHE, New Delhi
	iii. Design of Flexible & Rigid Pavements	63	IIT, Roorkee
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	50	ESCI, Hyd
	v. Quality Control and Material Testing Procedures & Laboratory Practice	71	IIT, Roorkee
	vi. Procurement and contract management for PMGSY works	28	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	85	IIT, Roorkee
	ii. Advanced Programme for Planning, Design and Construction of Bridges	50	ESCI, Hyd
	iii. Construction and Project management for Road projects	20	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/ e-marg/GIS)	31	NIRD&PR, Hyd.
	v. Road Safety and Road Safety Audit in Rural Roads	31	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	4²⁰	IRF, WRA
	Total	507	

²⁰ Sec./CEO/E-in-C/CE/SQC

Agency: SRRDA, West Bengal- Group C state

State Profile			
PIUs	35	Staff in PMGSY	396
Rural roads as per DRRP (31.03.2018)	67,260 Km	Rural roads as per MoRTH (31.03.2016)	1,91,354 Km
Ongoing works	8403 Km	Annual Target	5000 Km
To be sanctioned	2500 Km	Under 5 year maintenance	13268 Km
R&D works ongoing	2643 Km	LSBs under construction	0 Nos.
Un-awarded > 90 days	4415 Km	In progress > 2 years	637 Km

Training Needs Assessment

Area	Planning & Project Preparation	Design and Construction		Procurement, Contract and Project Management	New Technology	Asset Management (PBMC/CBMC / e-marg/GIS)	Road Safety and Road Safety Audit
		Pavement	Bridges				
Need	X	√	X	√	√	√	√
Target Group	AEE/AE/JE	AEE/AE/JE	EE/AEE/AE/JE	SE/EE/AEE	EE/AEE/AE/JE	SE/EE/AEE	SE/EE/AEE
	Regular Programmes				Specialised programmes		
	Foreign Programmes						

Training Plan 2018-19

Category	Topics	No. of Target Participants	Institutions/ Organisations
Regular Programmes	i. Basic Training Programme for newly inducted officers in PMGSY	15	IAHE, New Delhi
	ii. Preparation of DPRs (Cost estimation) for rural roads	11	IAHE, New Delhi
	iii. Design of Flexible & Rigid Pavements	15	NIT, Warangal
	iv. Basic programme-Planning Design and Construction of Bridges & Culverts	-	-
	v. Quality Control and Material Testing Procedures & Laboratory Practice	10	NIT, Warangal
	vi. Procurement and contract management for PMGSY works	35	IAHE, New Delhi
Specialised Programmes	i. Technology Initiatives in Rural Roads	70	IIT, Kharagpur
	ii. Advanced Programme for Planning, Design and Construction of Bridges	-	-
	iii. Construction and Project management for Road projects	20	NICMAR, Pune
	iv. Asset Management (PBMC/CBMC/e-marg/GIS)	35	NIRD&PR, Hyd
	v. Road Safety and Road Safety Audit in Rural Roads	35	AIDT, New Delhi/ CRRI, New Delhi/ IRTE, Faridabad
Foreign Programmes	i. Rural Roads Development Course ii. Road Safety iii. Performance Based maintenance Contracts	2²¹	IRF, WRA
	Total	248	

²¹ Sec./CEO/E-in-C/CE/SQC

