Peoples' Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: NAROLE
Taluk/Tehsil: Mendhar
District:Poonch
State/UT: Jammu And Kashmir
Geographical Area of the pancahayt Samiti:
Population Of the Panchayat samitiTotal 3200
Male= 1800 Female = 1400
Habitat and Topography: Slopy & Hilly
Climate (Rainfall, Temperature and other weather patterns): Moderate rainfall, Snow Fall
Land Use (Nine fold classification available with village records):
Date, Month and Year of PBR preparation: 28-08-2021

Annexure 1

anagement Com	mittee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be won
n: Mohd. Sadiq	(ST)
T)	
ST)	

natral	

Annexure-2 List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village 1) Name : Age: GENDER: Address: Area of specialization: Location from which the person accesses biological material: local/non local Perception of the practitioner on the resource status:less local resources availble Medicinal Use:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name : janat bee
Age: 70 years
Gender: female
Address: Narole
Area of specialization:Agriculture & Forestry
2) Name : Mohd. Zahoor Khan
Age: 65 years
Gender: Male
Address: Narole
Area of specialization: Agriculture
3) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Annexure 4
Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR
1) Contact Person:
Name and Address:
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary

	Annexure 5											
	Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing											
S.no	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared							

	Format 1: Crop Plants													
1	2	3	4	5	6		7		9	10	11	12	13	14
Сгор	Scientific Name	Local Name	Variety		Approx. area	Local	Status	Special		Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge
	Scientific Ivanic	Local Maine	variety	/ Habitat	shown	Past	Present	features						Knowledge Holder
Paddy	Oryza sativa	dhan Munji	Local	Wet land	200 Ha	Rare	Rae		Mar - April	Food Fodder	Disease Resistant vareity			
Maize	Zea Mays	Makk	Local	Dry land	500 Ha	Common	Common		Mar - April	Food & Fodder				
Beans	Phaseolus vulgaris	Rajmash	Local	Wet land	200 Ha	Common	Common		Mar - April	Food Fodder	Provides more energy	Not-known		
Okra	Abelmoschu esculentus moench	bhindi	Local	Wet land	100 Ha	Common	Common		Mar - April	Food	Rich Source of Fibre			
Onion	Allium Cepa	Ganda	Local	Wet land	50 Ha	Common	Common		Mar - April					
Brinjal	Solanum Melongena	Baingan	Local	Wet land	40 Ha	Common	Common		Mar - April					

	Format 2: Fruit Plants													
1	2	3	4	5		6	7	8	9	10	11	12		
				/	Local	Status		~ •			Other details	Community /		
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Past Present	Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	market / own use	Knowledge holder			
Apple	Malus domestica	Saib	Local	Wet land	Rare	Rare	Nurseries	July- Aug		Fruits	Own Use			
Pear	Pyrus Spp.	Nashpati/nakh	Local	Dry land	Common	Common	Nurseries	July- Aug		Fruits				
Wall nut	Juglans regia	Akhrot	Kagzi	Dry land	Common	Common	Nurseries	July- Aug		Dry Fruits				
Apricot	Prunus armeniaca	Khubani	Local	Dry land	Common	Common	Nurseries	May-June		Fruits				

	Format 3: Fodder Crops / Species													
1	2	3	4		5	6	7	8	9	10				
Plant	Scientific	Local	Landssons / Ushitat	Local	Status	Source of Plants /	Associated TK	Part Used	Other details	Community /				
Flant	Name	Name	Landscape / Habitat -	Past	Present	Seeds			Other details	Knowledge holder				
Sorghum	Sorgum spp	Cherry/ Bajra		Rare	Common	Agri. Deptt	Sources of Energy	Whole plant		Farmers				
		Ghass				Agri. Deptt		Whole plant		Farmers				
	Trifolioum alexandrinum	Shatal		Common	Common	Agri. Deptt		Whole plant		Farmers				
Garlic	Allium Sativum	Thoom	Sub-tropical to Intermediate	Common	Common	Locally raised	Medical value	Whole plant	Suitable for fodder	Farmers				

	Format 4: Weeds													
1	2	3	4	5	6		7		9	10	11	12		
					Landscape / Habitat	Local	Status	Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder		
Plant	Scientific Name	Local Name	Affected crop	Impact		Past	Present							
Plant	Cannabis sativa	Bhang	Every crop	Allelopathy effects	Sub-Tropical	Common	Common	Used as dry	Chemical control	Religious purpose	Making Charas (intoxicating drug)			
	Avena Spp.	Jungli Jari	Wheat/ Maize	Allelopathy effects	Sub-Tropical	Common	Common		Chemical/Manual control					
	Cyprus rotundus	Dhila	Paddy/ maize		Sub-Tropical				Hand weeding & chemical control	do	Local			

	Format 5: Pests of Crops													
1	2	3	4	5	6	7	8	9	10					
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder					
Maize, Stem borer	Bathua	Chenopodium sp	Bathua		June to July	Chemical control		fodder	biological/ chemical					
Rice	Rice Hispa	Dicladispa armigera	Kali Pundi			Chemical control	-	Feed on crop leaves	Farmers					
Maize	Cut Worm	Agrotis spp	Makki da kida			Chemical control	-	Feed on crop leaves	Farmers					

	Format 6: Markets for Domesticated animals													
1	2	4	5	6	7	8	9							
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish						
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil						

				Fo	rmat 7: Peoplescape					
1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
Muslims - 3200	1500 - Farmer, Business, Govt. Services	Agriculture	Agriculture							

						Format-8 L	andscape						
	1		2	3	4	5	6	7	8	9	10	11	12
M	lajor Landscape	28		Features			General	User				Other	
Agricultural land	Pond	Fallow Land	Sub - Landscapes		Ownership	General flora fauna groups		Management practices	General uses	Associated TK	details	Community accessed	
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land		Agricultural Land are Privately owned	Fodder and Crop Plants	Insects,Snakes, Dogs,Fox,Jackels etc	Nil	Nil	Nil		Nil	Low-Income community
Non-Cultivated Land	Not Applicable	Not Applicable	Non-Cultivated Land		Govt./Private	Wild plants and Fodder Plants	Insects,Snakes, Dogs, Fox, Jackels etc	Nil	Nil	Nil		Nil	Low-Income community
Forest Land	Not Applicable	Not Applicable	Forest Land		Government	Wild plants	Wild animals, wild Chicken, fox, Jackel, Insects etc	Nil	Nil	Nil		Nil	Low-Income community

					Format-9 Wa	aterscape						
1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
	Nallas	Originates from the foothills of Mountains	Govt. and Panchayat	Frog,Tadpoles, Fishes,Water, Water Snakes, Crabs etc	Wild and Aquatic Plants	Irrigation	Farmers		For Irrigation and Drinking of Domesticated animals and Wild Animals	Nil	Nil	Local Villagers
	Khyas originates from kalaban and fall into sagra		Govt.	Frog,Tadpoles, Fishes,Water, Water Snakes, Crabs etc	Wild and Aquatic Plants	Irrigation						
	Bowlis & Nara originate from Narole (naturally)		Govt.	Nil	Nil	Drinking						

		I	Format-10 Soil Type				
1	2	3	4	5	6	7	8
Soil Type	Color & texture	Features	Soil Management	Plants / Crop Suitable	Flora and Fauna	Associate TK	Other Information
Sandy and clay soil	Clayey loam, sandy loam,	Fine Granular, Dub-Angular Blocky Structure having pH 7.8-8.3, Water Holding capacity more than 40%	Use of Organic matter	Maize, Wheat & Rice	Kiker , Besa, Mannu, Snake, Lizard, Jackals	-	-

	Format 11: Fruit Trees												
1	2	3	4	6		7	8	9	10	11	12	13	
		Local Status						Other details					
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Past Present		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	market/own use	Community/ Know. holder	
Tree	saib	Malus domestica	Local	Sub-tropical , Wet land	Rare	Rare	Nurseries	June-July	Fruits				
Tree	Nakh	Pyrus communis	Local	Cultivated land	Common	Common	Nurseries	June-July	Fruits				
Tree	Khubani	Prunus armeniaca	Local	Cultivated land	Common	Common	Nurseries	June-July	Fruits	Cures heart diseases			

			Fo	rmat-12 Mo	edicinal Pla	ants (Herb	, Shrubs,	Trees etc.)				
1	2	3	4	5	6		7	8	9	10	11	12
	T I N.			Landscape/	Source of	Local	status		Destand	Associated	Other details	Community/
Plant Type	Local Name	Scientific Name	Variety	Habitat	plant/seeds	Past	Present	Uses (usage)	Part used	ТК	market/own use	Know. Holders
Shrubs	Anardana	Punica granatum			Seed	Rare	Rare	Edible	Fruit	N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativia			Seed	Abundant	Abundant	Medicinal Use	Leaves	N.A	N.A	Generally, held by community
Shrubs	Sap mak	Arisaema Tortulosum			-	Rare	Common	Medicinal Use	Whole part			
Tree	Besa	Salix Alba			-	Common	Common	Medicinal Use	Leaves			
Herb	Drub/Khabbal	Cyanodon dactylon			-	Common	Common	Medicinal Use	Whole part			
Herb	Mithu grass	Lathyrus sativus			-	Common	Common	Medicinal Use	Whole part & roots			
Tree	Tooth	Morus alba			-	Common	Common	Medicinal Use	Fruit			
Shrubs	Simlu	Berberis lyceum			-	Common	Common	Medicinal Use	Bark , fruits			
Tree	Kankeri	Elaeagnus parvifolla Wallich ex Royle			-	Common	Common	Medicinal Use	Fruit			
Herb	Cho	Nasturtium officinale			-	Common	Common	Medicinal Use	Leaves			

Herb	Mand	Rumex nepalensis		-	Common	Common	Medicinal Use	Leaves		
										1

	Format 13: Ornamental Plants/ Trees/Climbers etc.												
1	2	3	4	5	6	7	8	9	10				
Plant Type	Local Name Scientific Name Variety Source of plant/seeds Commercial/ non- commercial Uses Associated TK Other details Community/ Know. holder												
Shrub	Gulab	Rosa indica	Local	Cutting	Commercial								

]	Format-14	Timber Pla	nts/Trees				
1	2	3	4		5	6	7	8	9	10
Diané Tama	Lead Name	Scientific Name Habitat		status	Wild/ home-	Other	A inted TV	Other details	Community/	
Plant Type	Local Name	Scientific Ivame	Habitat	Past	Present	garden	uses (multi)	Associated TK	Other details	Know. holder
Trees	Chir	Pinus roxburghii	Sub-tropical	Rare	Rare		Roofing, furniture etc.	nil	nil	
Trees	Oak	Quercus incana	Sub-tropical	Rare	Rare		Roofing, furniture etc.	nil	nil	
	Besa	Salix Alba		Common	Common		Roofing, furniture etc.			
	Safeda	Eucalyptus camaldulensis		Common	Common					

	Format 15: Domesticated Animals												
1	2	3	4	5	6	,	7	8	9	10	11	12	
			Breed (local/		Method of		ocal itus			Commercial	Other details including	Community	
Animal Type	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	Associated TK	rearing	products and services	Know. Holders	
Mammals	Manj	Bubalus bubalis	Local	Flatted Long horn	Shed	Rare	Common	Mutton, Milk					
Mammals	Gaiya	Bos Taurus	Local	-	Cow Shed	Rare	Common	Milk					
Mammals	Bakari	Capra Aegagrus	Local	Medium size Long tail	Conventional	Rare	Common	Mutton, Milk					

	Format 16: Culture Fisheries												
1	2	3	4	5	6		7	8	9	10	11	12	
						Local status						Constant Kan	
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Past Present		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders	
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

		Format 17: Mar	kets / Fairs fo	or Domesticated Ani	mals, Medicinal	Plants and other produ	icts	
1	2	3	4	5	6	7	8	9
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi- annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported

			Format	-18 Trees, Shr	ubs, Herbs,	, Tubers, C	Grasses, Cli	mbers etc.			
1	2	3	4	5	6	j	7	8	9	10	11
	Y X X		TT 1 ''	TT 1 1 4	Local	status	Commercial /				Community Knowledge
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	own use	Part collected	Associated TK	Other details	Holder
Trees	Bair	Ziziphus xylocarpa	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Dhaman	Grewia optiva	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem/Bark	nil	nil	Generally, held by community
Trees	Drankh	Melia azedarach	Trees	Sub-Tropical	Abundant	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Fagwara	Ficus palmata	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Kainth	Pyrus paschia	Trees	Sub-Tropical	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Kiker	Acacia Nilotica	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Trees	Safeda	Eucalyptus spp.	Trees	Sub-Tropical	Rare	Abundant	own	Stem	nil	nil	Generally, held by community
Trees	Tooth	Morus alba	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Shurbs	Trimuru	Zantho Xylum Aurmatum	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community

Shurbs	brankad	Adha toda vesica	Shurbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
Shurbs	Akk	Ipomea fistulosa	Shurbs	Sub-Tropical	Abundant	Abundant	own		nil	nil	Generally, held by community
Shurbs	Thor/Shuu	Euphorbia royleana	Shurbs	Sub-Tropical	Rare	Rare	own	Stem	nil	nil	Generally, held by community
Shurbs	Bhang	Canabis sativia	Shurbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Jungli putna	Mentha arvensis	Herbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Banfsha	Viola odorata	Herbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
Grass	Drub/Khabbal	Cyanodon dactylon	Grass	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Grass	Kai/Kaana	Saccharum spontaneum	Grass	Sub-Tropical			own	Stem	nil	nil	Generally, held by community
							own	Leaves/Stem	nil	nil	Generally, held by community

		Format-19 Wi	ld Plant Species	of Importance	
1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Akhroot	Juglans regia	Wild	Economic, social	
2	Bhang	Cannabis sativa	Wild	Economic, social	
3	Wild anaar	Punica granatum	Wild	Economic, social	

	Format-20 Aquatic Biodiversity											
1	2	3	4	5		6	7	8	9	10		
Local Name	Scientific Name	Variety	iety Features Habitat Local status Uses Associated TK Other Detail Community/									
Local Name	Scientific Name	variety	Features Habitat Uses Associated TK Other Detail Community Past Present Uses Associated TK Other Detail knowledge									
Luss	Schizothorax spp.		elongated subcylindrical body with short blunt upper jaw , herbovorous		Rare	Common						
Sona Machhli	Barillius sp.	Local	omnivorous body very long and much compressed sides irregularly marked with numerous incomplete oblique spots		Common	Rare						

	Format-21 Wild Aquatic Plant Species of Importance												
1	2	3	4	5	6								
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends								
	Phulwari	Rosa acicularis	Local		Common								
	Simlu	Berberis lyceum	Local		Common								

	Format-22 Wild Plants of Medicinal Importance												
1	2	3	4	5		6	7	8	9	10	11		
Plant (Herb,	Local Name	Scientific Name	Variety	Landscape /				Uses (usage)	Part used	Other details market/ own	Community/ Knowledge		
Shrub, Tree)		Scientific Maine	variety	Habitat	Past Present		Associated TK	Uses (usage)	T art useu	use	Holder		
Shrub	Simlu	Berberis lyceum						It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots				
Herb	Banafsha	Viola						Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower				

	Format-23 Wild Relatives of Crops											
1 2 3 4 5 6 7 8 9 10												
Local	Scientific		Landscape /	Local	Status	Uses	Part	Associated	Other details	Community / Know		
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	ТК	Other details	holder		
Putna	Mentha arvensis	Jungli putna	Along the Nalla's	Rare	Rare	Medicinal use	Laef	Medicinal Properties		Generally, held by community		

	Format-24 Ornamental Plants											
1	2	3	4	5	6	7	8					
Local Name	Scientific Name	Variety	Habitat	Commercial / Non- commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder					
Gandera	Nerium oleander			Near the nalla's & Khyals	Non-Commercial	N.A	N.A					

	Format-25 Fumigate/Chewing Plants												
1	1 2 3 4 5 6 7 8 9 10 11												
Plant (Herb,	Local	Scientific			Local	Status	Uses		Associated	Other details	Community		
Shrub, Tree)	Name	Name	Variety	Habitat	Past	Present	(usage)	Part used	ТК	(mode of use)	knowledge holder		
Shrub	brankad	Adha toda vesica	-	Locally present	Rare	Rare	Medicinal purpose	Flower	-	-	Generally, held by community		
Shrub	Bana	Vitex negundo	-	Locally present	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community		
Tree	Kiker	Acacia Nilotica	-	Forest	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community		

	Format-26 Timber Plants												
1	1 2 3 4 5 6 7 8												
T IN.		H .1.4.7	Local	Status				Community/					
Local Name	Scientific Name	Habitat	Past	Present	Other Uses, if any	Associated TK	Other Details	Knowledge Holder					
Chir	Pinus roxburghii		Rare	Rare	Roofing, furniture etc.	Whole for different uses							
Rein	Quercus incana		Moderate	Moderate	Roofing, furniture etc.	Whole for different uses							

	Format-27 A. Coastal and Marine Flora											
1	1 2 3 4 5 6 7 8 9 10											
Plant Type	Local Name	Scientific Name	Habitat	Local Status P		Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/		
			nabitat	Past	Past Present		(if any)			Knowledge Holder		

	Format-27 B. Coastal and Marine Fauna											
1	1 2 3 4 5 6 7 8 9 10											
				Local	Status					Community/		
Animal Type	Local Name	Scientific Name	Habitat	Past			Commercial Uses (if any)	Other Uses	Associated TK	Knowledge Holder		

	Format - 28. Wild Animals (Mammals, Birds, Reptiles, Amphibians, Insects, others)											
1	2	3	4	5	6	,	7	8	9	10	11	12
Animal Two	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		· Uses (if any) Associated TK	Mode of Hunting,	Other details	Community/	
Animal Type						Past	Present	Uses (II any)	Associated TK	collecting (if any)	Other details	Knowledge Holder
Bird	House crow	Corvus splendens				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	Koel	Eudynamys scolopaceas				Available	Available		Prohibited		Maintains forest ecosystem	

Format 29: Flora							
1	2	3	4	5	6	7	
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)	
1	Simlu	Berberis lyceum	Tree	Sub-tropical	Apr-May	Common	
2	Safeda	Eucalyptus spp.	Tree	Sub-tropical	Apr-May	Common	
3	Ber	Ziziphus Jujuba	Tree	Sub-tropical	Apr-May	Rare	
4	Kiker	Acacia nilotica	Tree	Sub-tropical	Apr-May	Common	

	Format 30: Fauna							
1	2	3	4	5	6			
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)			
	Gidhar	Canisaureus	Mammals	Forest	Common			
	Cova	Corvous splendens	Birds	Forest	Common			
	Shehed ki makhi	Apis sp.	Insect	Forest	Common			
	Chipkali	Lacertila	Reptiles	Forest	Common			

Format 31: Any other information of local importance						
1	2	3				
Sr. No.	Information of local importance	Remarks				