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Geographical Study of Service Centers in Uttarkashi District

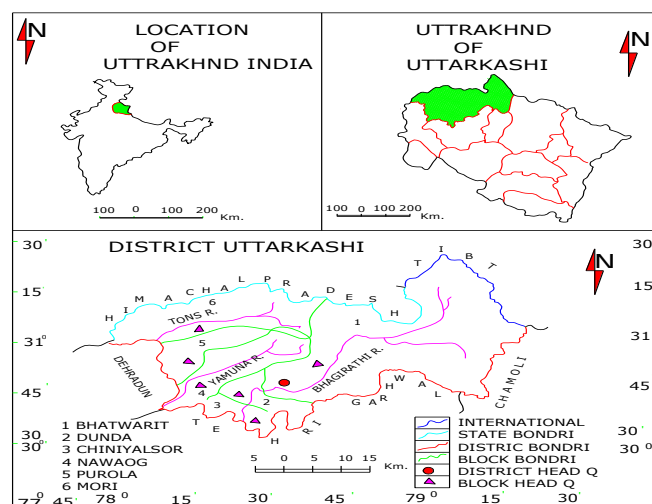
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Introduction-

Service centers are crucial to the economic development of any region. Service centers are those locations that provide goods and services to the surrounding areas. Every service centre depends on its surrounding urban and rural regions and serves them accordingly. These centers primarily focus on providing services to consumers and attracting production and distribution within their area of influence. Service centers are not limited to urban areas; rural settlements can also become service centers by offering services to nearby regions. Every service centre has access to transportation, which helps connect rural areas and facilitates the movement of goods produced in villages to central markets. Central centers also provide employment and training opportunities for rural youth. Service centers offer a variety of services similar to other centers. The more and higher-level functions a service centre performs, the by O. P. Singh (1968), M. S. Singh (1970), G. K. Mishra (1977), A. N. Singh (1979), and A. C. Tiwari (1980).

Keywords– Service centers, economic development. urban and rural regions, settlements, markets. Identification, functions, planning, service centre functions, centrality, provide various, micro, climatic, villages

Study area–The study area of Uttarkashi district, is located between 30°30' north latitude and 31°30' north latitude and 77°45' east longitude and 79°30' east longitude. As of 2011 the total population of Uttarkashi was 329,686 and the estimated population for the year 2023 is 382,900. From 2011, to 2023, there has been an increase of 53,215 people in Uttarkashi district over a period of 12 years.



Methodology-

The present study utilized both primary and secondary sources. Primary Data collected through interviews and field visits, while secondary sources were obtained from the economic statistics department. survey techniques were used to identify services, on the based of which the service work at those centers was inspected. Central index techniques were used to rank the service centers.

Identification of Service Centers – The identification of service centers in any area is a difficult task because even those centers that provide a minimum level of services or facilities are often considered service centers. In the present study, 62 sub-divisions of 9 major central functions have been taken as the basis for identifying service centers in the study area. The selected central functions and services are available in most of the settlements of the district. However, based on practical field surveys, only those settlements have been considered as service centers that provide regular services to rural areas. Settlements having fewer than seven services have not been considered as service centers, as their service range is very limited. Such settlements function merely as small planning units that provide basic services to nearby villages. Each village maintains direct contact with its nearest central village. The hierarchy of central places in Uttarkashi district has been determined on the basis of the level of service centre functions, as given below:

A-Educational Facilities- 1.Primary school 2.junior high school 3high school4 inter college 5.Degree college 6. Technical College 7.vocational school **B-Health Services-**8. Allopathic hospital 9. Ayurvedic hospital 10.Homeopathic Hospital 11. 12. Veterinary hospital 13.family welfare centre/Sub centre N.M13 Public Health Center14.MedicalStore15.PrivateHospital **c-Administrative Services** 15.Divisional Headquarters 16.Tehsil Headquarter 17. Block Headquarters 18 District Headquarters 19. Police Station 20.Patwari Chauki **D-Banking Services** 21Nationalised bank 22.Non Nationalized bank **E-Communication services** 23. Unpaved road 24.Post office 25.Exchange 26.courier Services **D-Transport services** 27.Bus stand 28.Txi stand 29. Paved Road 30. Pavet Footpath **E-Agricultural services** 31. Cold storage 32. Seed storage33.Fertilizer 34.Purchase and sale Committee **F-Industrial Centre** 35.Small scale Industry36.Wood Art Industry 37.Bakery 38.Karpenter Work **G -Other Services** 37. General Store 38. Shoe Shop 39.Barber Shop 40.Fruit Shop 41. Vegetable42. Tee Coffee Shop 43. Petrol pump.

Hierarchy of Service Centers – The classification of service centers in a region based on the functional hierarchy of central places and the order of importance of their services is known as the central place hierarchy. Hierarchy implies that rural settlements can be divided into different categories on the basis of their size, shape, functions, facilities, and services. In Uttarkashi district, this hierarchy is based on the diversity and number of functions performed in rural areas. In the first step, all the facilities and services available at the service centers are counted to determine the hierarchy based on the number and variety of functions in rural areas. In the second step, the hierarchy is determined on the basis of the centrality of functions. The following formula is used to calculate centrality in the district:

$$C = (N \times 100) / T$$

Where:

C = Centrality

N = Number of people engaged in business and other activities at service centers

T = Number of villages where the nth function is found

The hierarchy of central places in Uttarkashi district has been divided into three levels based on the functions of the service centers:**1-Low-level service centers 2-Medium-level service centers 3-High-level service centers** These centers provide various services to the surrounding villages, as shown in Table 1.1

Table No. 1.1 Service Centers at Different Levels Uttarkash Distric

S.No.	Level of work of services center	S.N .	services center	S.No.	services center
01	Low Level Woks	1	Primary School	6	Paan Beedi Cigarette Shop
		2	Junior High School	7	Tailor shop
		3	Post Office	8	Tea Coffee shop
		4	Carpenter Work	9	Mukeup Shop
		5	Small iron Work	10	Grocery Store
02	Medium Level Woks	11	High School	22	Retail Service Centre
		12	Inter College	23	Telephone Shop
		13	Primary health Centers	24	Bus Stop
		14	Allopathic Hospital	25	General Store
		15	Ayurvedic Hospital	26	Shoe Shop
		16	Homeopathic Hospital	27	Bookseller
			Unani Hospital	28	Barber Shop
		17	Veterinary Hospital	29	Meat Shop
		18	Family Welfare Center/Sub	30	Fruit Shop
		19	Center/N.M. Center	31	Village Headquarter
		20	Medical Store	32	Vegetable Shop
		21	Private Hospital	33	Agricultural Extension Center
				34	Co-Operative Credit Society
				35	Carpenter shop

S.No.	Level of work of services center	S.No.	services center	S.No.	services center
03	High Level work	36	Degree College	56	Tea Shop
		37	Tehsil Headquarters	57	Home Stay
		38	Block Headquarters	58	Seed Storage
		39	Police Station	59	Fertilizer Ware gouse
		40	Patwari Chauki	60	Chep Neck Shop
		41	Nationalized Bank	61	Purchase and Sale Committee
		42	Non Nationalized	62	Agricultural Service Centre
		43	Bank	63	Insecticide Sales Center
		44	Exchange	64	Fisheries/Poultry Farming Centre
		45	Courier Services	65	Photographer
		46	Bus Stand	66	Egg and P Poultry Seller
		47	Taxi Stand	67	Drycleaner
		48	Paved Road	68	Petrol Pump
		49	Un Paved Road	69	Cinema hall
		50	Pug Dandy	70	Bakery
		51	Paved Walk way	66	Eyeglasses Shop
		52	Technical Colleges	67	Liquor Store
		53	Vocational College	68	Watch Shop
		54	Small Scale industry	69	Gold shop
		55	Woodworking Industry	70	Silaye Center
		71	Stay Hotel		
		72	Haat Kendr		

Central Location – A central location is a micro-planning unit that provides basic services to the surrounding villages. Each village maintains direct contact with its nearest central location. Uttarkashi district has a diverse geographical landscape. Due to difficult terrain, climatic conditions, lack of economic development, and a scattered population, the number of central locations in the district is relatively low.

Development Centers (Vikas Kendras) – Development centers are those areas in the district that fall under higher-order categories. These include development block headquarters, tahsil headquarters, and municipal areas. The major development centers are listed below.

Table No. 1.2 Development Central Service Centers in Uttarkash District

Hierarchical Category	S.NO.	Names of Residences	Central index
Development Central	1	Bhatwari	1022.00
	2	Rajgarhi	756.00
	3	Mori	678.00
	4	Dunda	814.00
	5	Barkot	968.00
	6	Purola	421.00
	7	Chiniyalisour	811.00
	8	Naugaon	612.00

Rural Service Centers – In the district, 17 types of services were studied in rural service centers. These centers provide various basic services to their surrounding areas. The identified rural service centers in the district are listed below.

Table No. 1.3 Rural Service Centers in Uttarkash District

Hierarchical Category	S.NO.	Names of Residences	Central index
Rural Service Centers	1	Badhethi	6998
	2	Kandari	101170
	3	Saura	109013
	4	Netwad	42614
	5	Dhontari	31250
	6	Maneri	31870
	7	Gevla	30290
	8	Arakot	30535
	9	Banchora	2563
	10	Gunsari village	24650
	11	Rana	19190
	12	Damta	18752
	13	Gadoli	18250
	14	Bareth	14521
	15	Srikot	13650
	16	Mkoni	13654
	17	naital	13987

Central Village- The Study Covered 33 central villages in the district. these village varied. following are the central villages of the district. The identified central villages in the district are listed below.

Table No. 1.4 Central villages of the district Uttarkash District

Hierarchical Category	S.NO.	Names of Residences	Central index	S.NO.	Names of Residences	Central index
Central villages	1	Khalshi	90.69	18	Manpur	95.12
	2	Jogat	94.46	19	Kalogee	100.09
	3	Matli	100.74	20	Hudali	85.45
	4	Kafnol	91.12	21	Gangtadi	93.78
	5	Majiya goun	102.00	22	Garhsali	85.74
	6	Kotdhar	98.12	23	Uttara	80.71
	7	Kaliyani	85.00	24	Found	65.00
	8	Jahkhol	90.90	25	Koua	65.74
	9	Daroni	12.78	26	Pujar goun	62.10
	10	Bangashu	75.69	27	Nakuri	66.06
	11	Bhatanu	75.90	28	Kadiyal goun	60.87
	12	Baldoge	74.45	29	Bon	62.75
	13	Deval	75.09	30	Bagsahri	61.89
	14	Junaga	71.19	31	Jahala	62.23
	15	Haijula	79.06	32	Fatadi	64.36
	16	kudhnor	70.65			
	17	Bhatwari	99.09			

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