

Scientist Profile

1. Name	:	NAND SINGH GAHLOT
Designation	:	Scientist – C (Reeling & Spinning)
Address (office)	:	Silk Technical Service Centre, CSTRI, Central Silk Board, [Ministry of Textiles- Government of India] Andi Farm, Zeromile, Bhagalpur-813210 (Bihar)
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2. Educational Qualification:

Name of the University/Institute	Degree Passed	Year of Passing	Subject taken with specialization	Class/Dvn
M. D. University, Rohtak, Haryana/ T.I.T.S.Bhiwani	M. Tech	Dec. 2001	Textile Chemistry & Technology	First

3. Experience:

<i>Name of Organization</i>	<i>Designation</i>	<i>Period</i>	<i>Area of Work</i>
Ordnance Parachute Factory, Ministry of Defence, Govt. of India, Kanpur-208 004, Uttar Pradesh	Chargeman Gr.II-Tech	2 Years	Clothing Technology and Parade Garments production & quality
Textile Testing Laboratory, CSTRI, Central Silk Board, Ministry of Textiles, Govt. of India, Varanasi-221 001, Uttar Pradesh	Assistant Director (R&S)	2 Years	Testing, Extension work for mulberry and non-mulberry silk pertaining to reeling, spinning, weaving and dyeing. also as a faculty teaching to DHT& PDTC students of IIHT
Central Tasar Research and Training Institute, Central Silk Board, Ministry of Textiles, Govt. of India, Ranchi-835 303, Jharkhand	Scientist-C (R&S)	9 Years	R&D, Dissemination of technologies Demonstration, teaching training pertaining to Post Cocoon Technology technical service to Beneficiaries/ DOS Jharkhand, implementation of CSB schemes
Demonstration-cum-Technical Service Centre, CSTRI, Central Silk Board, Chandralok Complex, 3 rd Floor, Ghantaghar, Bhagalpur-812 001 (Bihar)	Scientist-C & Incharge	July 2016 – Feb. 2018	Demonstration, Training, technical service to Beneficiaries/ DOS Bihar, Textile Testing, dissemination of technology, exploratory/field work for propagation and implementation of CDP & CSS CSB schemes.
Silk Technical Service Centre, CSTRI, Central Silk Board, Ministry of Textiles, Govt. of India, Andi Farm, Zeromile, Bhagalpur-813 210 (Bihar)	Scientist-C & Incharge	March 2019-continue	Pilot projects/Exploratory work Demonstration, Training, Textile Testing, technical service to silk industry, Beneficiaries under DOS Bihar, dissemination of technology,

			field work for propagation and implementation of CSB schemes/Silk Samagra.
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4. Area of Research Interest:	
<ul style="list-style-type: none"> • Inventions/Innovations: Technology of Tasar silk cocoon cooking, Reeling, Spinning and post cocoon machine/process development • Contributions: Following R&D work has been contributed at CTR&TI, Central Silk Board, Ranchi under various projects/ pilot projects/programme of work: <ul style="list-style-type: none"> i. Development of twin Charkha tasar silk reeling (8-ends). ii. Development of hand operated wet reeling machine (12-ends) iii. Tasar silk spinning machine using solar energy (1-end) iv. Development of vertical reeling-cum-spinning machine (2-ends) v. Development of motorized reeling Charkha (4-ends) vi. Development of cooking method for tasar cocoons v. A model for transaction of tasar cocoons by weight system vi. Dyeing and printing of tropical tasar silk textiles with Lac dye vii. Development of tasar blend yarn and fancy yarns using defective cocoons 	
5. Concluded Projects/Exploratory Work : 14	
6. Ongoing research pilot projects/exploratory works: 01	
7. Number of Publications: 29	
Out of which;	
Papers published in International Journals:	06
Papers published in National Journals:	05
Papers presented & published) in International Conferences:	04
Papers presented & published) in National Conferences:	06
Papers presented in national Workshops/Seminars:	08
<ul style="list-style-type: none"> • Awards/ appreciation certificates: • Memberships/Fellowships: • Patents: [applied with NRDC New Delhi] : 	04 01 04