

Mentors (Incubation Centre-NCB)

From National Council for Cement and Building Materials

SN.	Name	Designation	Qualification	Total Years of Experience	Area of Expertise
1.	 Dr. L P Singh	Director General	Ph.D. in Physical Chemistry	+30	Building Materials, Heritage Materials, Industrial Waste Utilization. Carbon Capture Storage & Utilization, Nanotechnology Materials, Characterization using advanced instrumentation techniques such as electron microscopy, X-ray diffraction, TG/DTA, XRF, BET, NMR, FTIR, nano-indentation, AAS/ICP etc. Phase Change Materials for Energy Efficiency, Pollution abatement in building material industries.
2.	 Dr. S K Chaturvedi	Joint Director	Ph.D. in Civil Engineering	+36	Circular economy in Gypsum, Low Carbon Cements like Portland Composite Cement & Portland Limestone Cement, Use of Low Grade Limestone in Cement manufacture, industrial wastes utilization, Chemistry of fly ash activation, Cement chemistry and new cement/clinker systems, Improved refractory products and engineering practices, Geopolymer cements, Cement systems based on nano silica, reactivity of raw materials, CCU & Material Charactrisation etc.
3.	 Dr. D K Panda	Joint Director	Ph.D (Geology)	+38	Geological Investigations of Limestone and Cement Raw materials, Computer-Aided Deposit Evaluation, Mine Planning and Production Scheduling, Raw Material Feasibility Studies, Utilization of Low/Marginal Grade Limestone, Laboratory Scale studies on Dry Beneficiation of Low Grade Limestone for Cement manufacture etc

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4.		Mr. P N Ojha	Joint Director	M.Tech (Concrete Technology), MBA (Executive),	+34	Durability of Concrete and Construction, High Performance & Ultra High Performance Concrete, Durability investigation of new cementitious system, Utilization of Industrial waste as alternative to aggregate and cementitious material, condition assessment, repair & rehabilitation of existing concrete structure, use alternate reinforcement like GFRP bars etc.
5.		Dr. Pandu Ranga Rao Badarla	Joint Director	PhD (Civil Engineering)	+25	Fibre reinforced high performance concrete, supplementary cementitious materials, precast/prefab constructions, affordable housing, structural assessment, earthquake resistant structures. Project management & quality control/assurance of infrastructure such as buildings, roads, bridges, tunnels, convention centres, water and sewerage systems.
6.		Mr. Amit Trivedi	Joint Director	M-Tech (Construction Technology management)	+25	Concrete technology and mix designs, geopolymers concrete, Utilization Sustainable Waste Material, Materials evaluation, Non-destructive testing of concrete structures and assessment, 3D printing of concrete, quality Assurance and quality control of Concrete and steel structures, Project Management and contracts, evaluation of rigid pavements.
7.		Dr. A K Dikshit	Joint Director	PhD in Materials Science	+29	Ceramic Materials Physics, Processing, microstructure and properties of ceramics, Waste utilization in Cement, Chemical admixture in construction, Gypsum utilization in Cement, Futuristic newer Cement, Cement hydration and microstructure, Product development and Quality management system, Certified reference materials, Quality assurance and customer protection, Nanomaterials in Cement and Concrete, Zeolite manufacture using Cementitious materials, raw mix

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						design for active belite phase cement, Oxide and non-oxide ceramics, functional glasses, glass ceramics, and ceramic-based composites and Nanomaterials.
8.		Mr. G J Naidu	General Manager	M.Sc (Chemistry), PGDEM, (M.Tech (EE))	29 Years	<ul style="list-style-type: none"> • Raw mix design for different type of cements. • Development of New Clinker System Using Industrial by products and Low Limestone Content • Utilization of industrial wastes such as Fly ash, Bottom ash, FCC E cat, B. F. slag, etc in development of OPC based Composite cements & PPC. • Evaluation of High volume fly ash cements • R&D projects on Cement and other binders
9.		Dr. Sanjay Mundra	General Manager	PhD (Civil Engineering)	+25	Advancement in Concrete Technology with Evaluation & testing of Concrete making materials, Expertise in RMC, SCC & Fibre reinforced Concrete and other special type of concrete, Utilization of sustainable waste materials in concrete, Quality control & Quality assurance in construction, Condition assessment of RCC structures, Seismic Evaluation, Repair, Rehabilitation and Retrofitting of the Existing RC Structures.
10.		Dr. Kapil Kukreja	Group Manager	PhD (Mechanical Engineering)	20	Project Engineering, Project Management, Material Handling System Design, Alternative Fuels Handling System, Simulation and Modelling

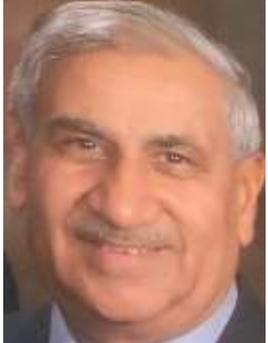
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11.		Mr. Brijesh Singh	Group Manager	M-Tech (Structural Dynamics)	17	Condition assessment, Quality Assurance & Audit of Concrete Structures, Non Destructive Testing, Research & Development in the field of Cement, Supplementary Cementitious Materials, Utilisation of Industrial waste in cement & construction sector, Advanced Concrete and Building Materials, Geopolymer Concrete, Ultra High Performance Concrete and Concrete Composites
12.		Dr. Pinky Pandey	Group Manager	PhD Solid State Chemistry	18	Regular and Alternate Fuel Characterization, X-ray Diffractometry, Chemical Analysis of OPC, PPC, kiln feed, limestone, ISO/IEC 17025 Accredited and BIS Recognized Independent Testing Labs, Limestone based Blended Cements
13.		Mr. Suresh Kumar Shaw	Group Manager	B-Tech (Chemical Engineering)	15	Process & Operation of Cement Manufacturing, Development of Certified Reference Materials, Energy Management
14.		Dr. Vinay Mohan Agrawal	Group Manager	PhD (Civil Engineering)	13	Concrete Technology – Use of supplementary cementitious materials, Durability performance of concrete. Sustainable Construction practices/technology. Precast and Prefabricated construction technologies.

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15.	 Mr. Anand Bohra	Manager	M.Tech- Environment Engineering and Management	14	Environment Management, Life Cycle Assessment, Environment Impact Assessment, Waste Management, Circular Economy, Environment Monitoring
16.	 Dr. Prateek Sharma	Manager	PhD (Chemical Engineering)	14	Alternative fuels, gasification, waste heat recovery, energy efficiency, Artificial Intelligence etc.
17.	 Dr. Varsha Liju	Manager	Ph. D. Chemistry	12	New Cement like Geopolymeric Cement, Cement Nanocomposites, Composite Cement, Portland composite Cement, Raw mix designing for cement plants, Utilization of waste and industrial by products in cement manufacture, Chemical and Thermal analysis of cement raw material, cement concrete, etc. Burnability investigations of Kilnfeed
18.	 Mr. Suresh Vanguri	Manager	M.Tech. (Solid State Technology)	14	Characterization of Materials using XRF, XRD, OM, SEM, TEM etc., waste utilization & cement hydration.

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19.		Mr. Giasuddin Ahamed	Manager	M-Tech (Ceramic Engineering)	13	Applied Research in Cement chemistry, Waste Utilization, Alternative raw materials and Refractory materials.
20.		Mr. KRP Nath	Manager	M-Tech (Environment Management)	15	Air Quality Assessment, Performance Assessment of Air Pollution Control Equipments, Reduction of NOx & SO2 from Cement Plants, Alternative Fuels and Raw material usage and their impact on process and environment, Cement plant process studies, GHG Assessment, Life Cycle Assessment Studies
21.		Mr. KPK Reddy	Manager	B.Tech (Chemical Engineering)	15	Process Optimization & Productivity, Energy Audit, Simulation of Cement Plant Operation
22.		Mr. Arup Ghatak	Manager	B.E (Civil Engineering)	12	Concrete Technology, Condition assessment and Repair & Rehabilitation of reinforced concrete, Non-destructive testing of reinforced concrete, QC & QA in concrete construction.

From Industry/R&D organizations/Technology Suppliers/ Academia/Consultants etc.

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1.	 <p>Dr. Akshay Dvivedi</p>	IIT Roorkee	Professor	PhD (Advanced Manufacturing Processes)	+25	Advanced Manufacturing Processes, AI, ML, Quality Management
2.	 <p>Dr. Shashank Bishnoi</p>	IIT Delhi	Professor	PhD (EPFL, Switzerland)	+15	Cement, supplementary cementitious materials, concrete, building materials, sustainability, durability, repair, seismic retrofitting and strengthening of structures

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3.		Mr. Rakesh Kalra	KHD India	Sr. VP Engineering	B Tech (Mechanical Engineering)	+30	Project Engineering, Project Management, Material Handling System Design, Alternative Fuels Handling System, Simulation and Modelling
4.		Dr Rakesh Pangasa	Productive Systems https://prodsystems.org/	President	Ph.D. Industrial Engineering	51	Industrial Engineering, Chemical Engineering, Cement Chemistry, Productivity Improvement, Project Management, Integrating Information Technology in Supply Chain Management, Causality and Rational Thinking, Entrepreneurship as the source of wealth-creation, Objective business ethics, Discovery and Application of Rational Principles
5.		Dr. Manoj Kumar Soni	BITS Pilani	Professor	PhD (Mechanical Engineering)	+27	Renewable Energy, Thermal Engineering, Energy Planning, Clean Development Mechanism, Supply & Demand Side management.

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6.		Dr. A K Singh	Ultratech Cement LTD	Sr. VP & Corporate-Quality Head	PhD-Chemistry	+35	Cement & Building Materials, process optimization, plant operation, quality control, waste utilization, various cement applications etc.
7.		Dr Abhishek Kumar Rai	Shree Cement LTD	Chief-Group QA and R&D	PhD-Chemistry	19	Cement & Building Materials: <ul style="list-style-type: none"> • Optical Microscopy, SEM • XRD, XRF, ICP, Chromatography • Product development • Concrete mix design & Admixture compatibility • AFR, Low Carbon Cement and related New Product Development • AAC