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The May 2025 issue of "**Disaster Advances**" is a regular issue dedicated to showcase the latest developments and trends in Mining research at National Institute of Technology Karnataka, Surathkal, Mangalore, India. In essence, the issue covers the recent researches being made in the field of Innovation in Coal Mining Technology, Geo-Mechanics and Strata Control, Advances in Mine Ventilation, Recent Trends in Drilling & Blasting Technology, Rock Mechanics and Rock Engineering, Modern Reserve Estimation Techniques, Rock Characterization and Mine Design, Economics of Energy Infrastructure, Forecasting Techniques, Forest Conservation and Environmental Awareness, Disaster Prevention & Control Management, Safety Engineering: Risk Management, Automation, Ergonomics, Occupational Health Hazards, Internet of Things (IoT) in Mining, Advanced Data Analytics and Predictive Maintenance, Renewable Energy Integration.

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The Department of Mining Engineering since its inception in the year 1984 has carved a niche for itself in the areas of Research, Consultancy, and Community Service. The Department has well-qualified faculty dedicated to applied research in the field of Mining Engineering with special emphasis on Mine Environment, Safety and Mine Planning, Rock Mechanics, and Ground Control. The Department offers an undergraduate program, M. Tech. (Research) program, and Ph.D. in Mining Engineering. About 36 undergraduate batches passed out from the department till date. They are serving in responsible and key positions in various organizations both in India and abroad. Their commitment to the profession and continuous success in their careers have made the Department proud.

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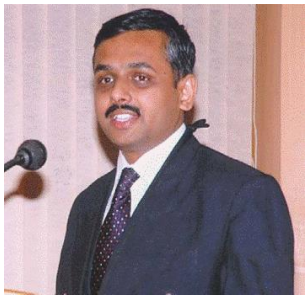

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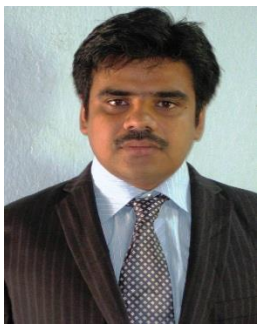

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