

BRIEF- RESUME

Name and full correspondence address:

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Date of Birth:

03-06-1971

ACADEMIC RECORD:

Degree	Specialization	College / University / Institute	Year of Joining	Year of Leaving	Percentage	Class / Division / Grade
SSLC	--	JUNIOR TECHNICAL SCHOOL BAGALKOT, (KSEE BOARD)	1986	1987	55.00	SECOND CLASS
DIPLOMA	ELECTRONICS & COMMUNICATION ENGINEERING	BOARD OF TECHNICAL EDUCATION, BANGALORE	1987	1990	55.18	SECOND CLASS
BCA	COMPUTER APPLICATIONS	IGNOU	2003	2005	63.58	I CLASS
MCA	COMPUTER APPLICATIONS	IGNOU	-	DEC 2005	61.39	I CLASS
ADCA	COMPUTER APPLICATIONS	IGNOU	-	2005	60.42	I CLASS
M.TECH.	SYSTEMS ANALYSIS & COMPUTER APPLICATIONS	NITK -SURATHKAL	2007	2010	7.53 CGPA	I CLASS
PH.D.	MINING ENGINEERING	NITK- SURATHKAL	DEC. 2012	FEB. 2017	-	-

DOCTORAL DEGREE [PH.D] DETAILS:

Thesis Title	From Date	Viva Date	Institute/ University	Guide/ Mentor	Mode	Area of Research	Award Date
Investigation & Assessment of Quality of Bricks Prepared Using Iron Ore Waste	20 th Dec. 2012	09 th Feb. 2017	NITK, Surathkal	Dr. Harsha Vardhan & Dr. M. Aruna	Part Time	Waste Management	09 th Feb. 2017

SPECIALISATION AND EXPERTISE:

- Computer Applications
- Waste Management

PROFESSIONAL EXPERIENCE:

Organization	Nature of work
NITK Surathkal (Department of Mining Engineering)	1. Laboratory In charge For – Mine Planning & Design Laboratory Mine Environmental Engineering Laboratory Mineral Processing Laboratory 2. Active In Testing & Consultancy Works 3. Conducting Laboratory Classes 4. Assisting in Departmental Equipment Purchase 5.Processing of Purchase Documents
IGNOU Study Centre – NITK Surathkal	Counselor for MCA and BCA Courses 2010-2015
	Subjects taught: 1) Operating System Concepts & Networking 2) Systems Analysis and Design 3) PC Software Skills 4) Intranet Administration 5) Problem Solving Techniques
	Projects Guided for BCA - 01

INDUSTRIAL EXPERIENCE:

Employer	Position held	Date of Joining	Date of Leaving	No. of years	Pay with Scale of pay, (RS)
CENTUM ELECTRONICS, BANGALORE	TECHNICIAN	05-06-94	06-12-95	1 YEAR 6 MONTHS	2500/M
BHARATH ELECTRONICS BANGALORE	TECHNICIAN (CASUAL EMPLOYEE)	01-05-92	31-03-94	1 YEAR 10 MONTHS	1500/M
BHARATH ELECTRONICS BANGALORE	TECHNICAL APPRENTISHIP	26-04-91	25-04-92	1 YEAR	1000/M (Stipend)

PUBLICATIONS:

Journals:

1. Shreekant R. L. Aruna M. & Harsha Vardhan, "Investigating the Utility of Iron Ore Waste in Preparing Non-fired Bricks", Springer; Journal of the Institution of Engineers (India): Series D, July-December 2017; Vol. 98(2); pp. 239-250.
2. Shreekant R. L. Aruna M. & Harsha Vardhan, "Development of Value Added Product Using Iron Ore Waste for its Effective Utilisation"; International Journal of Advanced and Applied Sciences; December, 2015; Vol. 2(12); pp. 30-35.
3. Shreekant R. L. Aruna M. & Harsha Vardhan, "Utilisation of Mine Waste in the Construction Industry- A Critical Review"; International Journal of Earth Sciences and Engineering; February, 2016; Vol. 9(01); pp. 182-195.
4. Shreekant R. L. Aruna M. & Harsha Vardhan, "Utilisation of Iron Ore Waste in Brick Making for the Construction Industry"; International Journal of Earth Sciences and Engineering; April, 2016; Vol. 9(02); pp. 450-455.
5. Shreekant R. L. Aruna M. & Harsha Vardhan, "Development of Mathematical Models for Prediction of Compressive Strength and Water Absorption of Bricks Prepared Using IOW, Cement and Fly Ash with Different Mix Ratio"; Mining Engineers Journal; June, 2017; Vol. 18(11); pp. 13-19.
6. Shreekant R. L. Aruna M. & Harsha Vardhan, "Impact of Al₂O₃, SiO₂ & Fe₂O₃ Present in Bricks Prepared Using Iron Ore Waste on its Compressive Strength"; International Journal of Earth Sciences and Engineering; June, 2017; Vol. 10(03); pp. 700-705.

International Conference:

1. Shreekant R. L. Aruna M. Harsha Vardhan and Govinda Raj M., “Eco-Friendly Approach for Utilisation of Iron Ore Waste in Brick Manufacturing”; 8th International Conference on Envirotech, Cleantech and Greentech (ECG), 20-21 Dec. 2016, Dubai.

National Conference:

1. Shreekant R. L. Harsha Vardhan and Aruna M., “Impact of Chemical Composition of Bricks Prepared Using Iron Ore Waste on its Compressive Strength”; National Conference on Future Trends in Mining, 25-26 May, 2018, IISC Bangalore.
2. Ch. Vijaya Kumar, Harsha Vardhan, Ch. S. N. Murthy and R. L. Shreekant, “Influence of Thrust and Noise Levels on Operational Parameters in Diamond Core Drilling Operations”; National Symposium on Mining Safety 360° Creating Value Through Collaborations, 13-14 July, 2018, Pondicherry, Tamilnadu.

BOOK PUBLISHED FROM INTERNATIONAL PUBLISHERS:

Sl. No.	Title of Book	Name of Publisher	Year of Publications
1	Mine Waste: Challenges, Utilisation & Design Considerations	LAP- Lambert Academic Publishing	2017

INDUSTRY SPONSORED R&D PROJECT:

Funding Agency	Title of the Project	Project Cost	Duration	Current Status	Remarks
ERM Group (R. Praveen Chandra Mine Owners & Entrepreneur)	Investigations into the reduction of phosphorous in iron ore using microwave technology for its suitability to the iron & steel industries	10.0625 Lakhs	03 Years	Ongoing	Co-investigator
Hutti Gold Mines	Development of new type of aerocyclone for the dry separation of minerals	2.0 Lakhs	02 Years	Ongoing	Co-investigator

RECOGNITIONS:

1. Letter of appreciation from Dept. of Mining Engg. NITK Surathkal for processing of equipment purchases, electrical maintenance, computer maintenance, electronic equipment maintenance and consultancy activities in the department.
2. Letter of appreciation from Society of Mining Engineers, Dept. of Mining Engg. NITK Surathkal as highly command able in for establishing the model mine.
3. Letter of appreciation from Director NITK Surathkal for active participation in annual convocation team.

PROFESSIONAL TRAINING RECEIVED/WORKSHOP/SEMINAR ATTENDED: 22