FS 2017: Proceedings of 4th National Convention INDEX

Section	Author	Subject	Page
		Messages and Key Note Address	
1 Innovative Uses	Anil Kumar Dhope	'Sumati Greens' Farmhouse project at village Nigri, Jabalpur (Madhya Pradesh)	1-4
	Shrihari Chaudhary, Arch. L.J. Dahibhate, Er. Arun Ghate	Construction of FERROCEMENT Arch type Bandhara – a case study	5-9
	Arun Purandare	Development of innovative ferrocast system	10-13
	Ashok Jain	Some innovative applications of ferrocement	14-19
	W. P. R. D. Weerasinghe, G. K. K. A. De Silva	Development of Ferro-cement technology based solution for cost effective water storage and sanitation purposes, for communities and households- a case study.	20-26
	W. P. R.D. Weerasinghe	Development and construction of ferrocement foot bridges for rural mobility enhancements— an investigation with a case study	27-34
	Arch Kalyani Salvi And Kiran Rajurkar	Use of Debris and Ferrocement technology for making Street furniture	35-38
	J A Desai	Construction of water tank with unconventional ferrocement technology	39-42
	Sunil Kute, Nikhil Patil, Tushar Chaudhari, Piyush Deo	Analysis and Design of Ferrocement Cut- off Trench in Earthen Dam	43-49
	Padmanabh Lele	Ribbed Slab with Ferrocement at Wai, Maharashtra- a case study	50-53
	Dr B N Divekar	Case Studies of Unconventional Large Size Ferrocrete Structures	54-61
2 Materials and Methods	Dr. S. Thirugnanasambandam, Sushil Kumar Singh	Flexural behaviour of prefabricated ferrocement roofing channels	63-72
	Dr. V. Sreevidya, Mahima Ganeshan, Dr. R. Venkatasubramani	Impact Strength Studies on Ambient Cured Fibrous Ferro Geopolymer Slabs	73-80
	G. Deepana, U.Anbukarnan , D.Shobarajkumar	Experimental investigation on the mechanical Properties and durability of ferrocement on partial replacement of cement by nanosilica	81-90

	V.Balasubramaniyam, P.Dhinesh Kumar, B.Janarthanan, G.Naresh, D.Shoba Rajkumar	Significance of Red Mud and Crusher Sand in Ferro-Geocrete	91-99
	Arjun Subhash Ghodake, Jayant Murudkar	Recycling of GGBS into geopolymer concrete and creating eco-friendly cement product	100- 108
	Er Chandramohan Hangekar Er Ravindra Upasani Er. Ravindra Shrigiriwar	Test procedures for Ferrocement composite	109- 118
	Dhatrak K. K., Prof Sanap S.T., Prof. Patil N.	Flexural and compressive strength of ferrocement using colloidal nano silica	119- 130
3 Designs and Drawings	Ar Kalyani Salvi	Architectural ferrocement drawing to construct efficient and economical ferrocement building.	131- 135
4 Applications	Sunil Shrivastava, Prakash M Singh & Hemlata Andola	Ferrocement technologies: Helping in transformation in hilly terrain of Uttarakhand	137- 140
	U. M. Paranjpe	Need to store water in Rural area - Ferrocement solution	141- 143
	Arch M M Paranjape, Pune	Poultry litter digesters (bio-gas plant)	144- 147
	Er. D A Patel	Mixed use of ferrocement technique In small works	148- 153
	Sunil Kute, Hiralal Pawar, C. P. Patel	Ferrocement panels using Expanded Polystyrene (EPS)	154- 160
5 Technology	Prof S V Patankar, Dr. Sanjay S. Jamkar, Dr. Yuwaraj M. Ghugal	Go green with geopolymer mortar- an alternative to cement matrix in ferrocement applications	161- 168
	Er. Girish Sangle Er G. B. Nannor Er. Chandrashekhar Hangekar	Will Ferrocrete replace Concrete?	169- 170
	President, Ferrocement Society (India)	Unexplored Ideas and New Concepts in ferrocrete Technology	171- 173
	P N Balaguru	Geopolymer Composites for Enhancement of Ferrocement Structures	174
	Ashok Jain	A rural home- Complete, affordable, aesthetic & eco-friendly.	175