

## Research Papers Published in

R- basic reference score as per table

I-score for indexed journal

IF- Impact factor

A-Author's share

### Papers accepted in National Conference Papers accepted in National Conference

| S. No. | Title  | Co-Authors, if any | Name Of Conference   | Date / Year       | Pages   | Impact Factor | ISSN/ISSN No. | API Score (R+I+IF)A     |
|--------|--|--------------------|--|-------------------|---------|---------------|---------------|-------------------------|
| 1      | Flexural Behavior of Ferro-Cement Beams under Quasi-cyclic Loading             | Singh S            | Proc. of First National Symp. on Const. Engg. and Mangmt., College of Engineering, Anna University, Madras | 9-10, March, 1992 | 107-112 | -             | -             | (10+5+10)<br>0.6<br>=15 |
| 2      | Mapping congestion Patterns on Urban Highways Network using Computer Graphics  | Singh G            | National workshop on Road Safety, T.I.E.T., Patiala  | April 10-11, 1992 |         | -             |               | (10+5+10)<br>0.6<br>=15 |
| 3      | Earthquake Resistant Design of Brick Masonry Structures                        | Rai HS             | Workshop on International Day of Natural Disasters Redressal, Pb. Bhawan Chandigarh                        | 13th. Oct. 1993   |         | -             | -             | (10+5+10)<br>0.6<br>=15 |
| 4      | Safety Aspect of Brick Masonry Buildings in the Context of Earthquake          | Rai HS             | NSSE95, GZSCET Bathinda  | 1993              |         | -             | -             | (10+5+10)<br>0.6<br>=15 |
| 5      | Nonlinear Analysis of Circular Shells with Opening using Finite Element Method | Rai HS             | National Conf. on Comp. Applications in Civil Engg, TIET, Patiala  | April 1994        |         | -             | -             | (10+5+10)<br>0.6<br>=15 |
| 6      | Response of Frames with Staggered Panels using Finite Element Method           | Sastry VV          | National Conf. on Computer Aided Structural Analysis and Design, NC-CASAD, 96 ESCI, Hyderabad              | 3-5, Jan. 1996.   |         | -             | -             | (10+5+10)<br>0.6<br>=15 |

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|----|---|----------------|--|-----------------------|---------|---|---|-------------------------|
| 7  | Computer Aided Analysis and Design of Overhead Service Reservoir                  | Singh GM       | Recent Trends in Computer Applications in Engg, College of Engg.& Tech., Bathinda  | March 8-9, 1996       |         | - | - | (10+5+10)<br>0.6<br>=15 |
| 8  | Developments in Structural Steel Work   | Singh S        | National Seminar on Infra-Structure Development Role of Construction Industry, G.N.E.C., Ludhiana                          | June 03, 1996         |         | - | - | (10+5+10)<br>0.6<br>=15 |
| 9  | Soil Structure Interaction on the Response of Turbo-Generator Foundation          | Kaur M         | 8th. Punjab Science Congress, Punjabi University Patiala   | Feb. 7-9, 2005        |         | - | - | (10+5+10)<br>0.6<br>=15 |
| 10 | Soil Structure Interaction Analysis of Plane Frame using FEM                      | Singla S       | Trends in Geotechnical Engineering, GZSCET, Bathinda   | April-2005.           |         | - | - | (10+5+10)<br>0.6<br>=15 |
| 11 | Seismic Risk and Aseismic Design in Punjab  | Kaur M         | 9th. Punjab Science Congress GNDCRI, Sunam   | 7-9 Feb., 2006.       |         | - | - | (10+5+10)<br>0.6<br>=15 |
| 12 | High Strength Silica Fume Concrete  | Singh T        | 14th Punjab Science Congress, SLIET Longowal   | 7-9 Feb., 2011        |         | - | - | (10+5+10)<br>0.6<br>=15 |
| 13 | Web Based-Analysis of Reinforced Concrete   | Rai HS, Gaba H | Innovative Challenges in Civil Engineering, PTU, Giani Zail Singh Campus Bathinda  | 15-16 March 2012      |         | - | - | (10+5+10)<br>0.6<br>=15 |
| 14 | Seismic Modeling In Soil Structure Interaction Continuum                          | -              | Geotechnical And Geoenvironmental Aspects Of Wastes And Their Utilization In Infrastructure Projects, G.N.D.E.C., Ludhiana | 15-16, February, 2013 | 290-295 | - | - | (10+5+10)<br>0.6<br>=15 |
| 15 | Measurement of Split Strength of Comparative Strength and Workability of Concrete |                | 3rd National Conference on Advances in Metrology, AdMet-2014, TU, Patiala  | 19-21, Feb. 2014      |         |   |   | (10+5+10)<br>0.6<br>=15 |

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|----|--|------------------|--|------------------|---------|--|--|-------------------------|
| 16 | Numerical Analysis of Slabs with Opening   | Kaur P. Singh H. | Geotechnical Engineering Practice and Sustainable Infrastructure Development (GEPSID), GNDEC, Ludhiana | 11-12, Oct. 2014 | 451-461 |  |  | (10+5+10)<br>0.6<br>=15 |
| 17 | A Relative Study of Shear Wall Configuration in a Framed System of Multi-Storey Building | Kumar A. Rai H.  | Geotechnical Engineering Practice and Sustainable Infrastructure Development (GEPSID), GNDEC, Ludhiana | 11-12, Oct. 2014 | 400-409 |  |  | (10+5+10)<br>0.6<br>=15 |
| 18 | Experimental Study of Shear Strength of High Strength Reinforced Concrete Beams          | Kaur B.          | Geotechnical Engineering Practice and Sustainable Infrastructure Development (GEPSID), GNDEC, Ludhiana | 11-12, Oct. 2014 | 333-340 |  |  | (10+5+10)<br>0.6<br>=15 |
| 19 | Effect of Steel Fibre on the Stress-Strain Behaviour of Fly ash concrete                 |                  | Geotechnical Engineering Practice and Sustainable Infrastructure Development (GEPSID), GNDEC, Ludhiana | 11-12, Oct. 2014 |         |  |  | (10+5+10)<br>0.6<br>=15 |