REFERENCES

[1] Vecchio, F. J., & Collins M. P., " The Modified Compression Field Theory for Reinforced Concrete Elements Subjected To Shear", *ACI Journal*, March - April 1986, pp. 219–231

[2] Mitchell, D., & Collins M. P., "A Rational Approach to Shear Design – The 1984 Canadian Code Provisions", *ACI Journal*, November - December 1986, pp. 925–933

[3] Bentz E. C., Vecchio, F. J., & Collins M. P., " Simplified Modified Compression Field Theory for Calculating Shear Strength of Reinforced Concrete Elements", *ACI Journal*, July - August 2006, pp. 614–624

[4] Loov R. E., "Shear Design of Concrete – A Simpler Way", *Annual Conference of the Canadian Society for Civil Engineering*, June 2000, pp. 49-56

[5] Loov R. E. & Peng L., "The Influence of Concrete Strength on Shear Friction Based Design of Reinforced Concrete Beams", *International Conference on HPHSC*, August 1998.

[6] Loov R. E., "Review of A23.3-94 Simplified Method of Shear Design and Comparison with Results Using Shear Friction", *Canadian Journal of Civil Engineering*, Vol-25, 1998, pp. 437–450

[7] Walraven, J. C., "*The Behaviour of Cracks in Reinforced and Plain Concrete Subjected to Shear*", IABSE Colloquium, "Advanced Mechanics of Reinforced Concrete" . Delft, 1981

[8] Vecchio, F. J., & Collins M. P., " Predicting the Response of Reinforced Concrete Beams Subjected to Shear Using the Modified Compression Field Theory ", *ACI Journal*, May - June 1988, pp. 258–268

[9] Dei Poli, S.,Gambarova, P. & Karakoc, C., " Aggregate Interlock Role in Reinforce Concrete Thin Webbed Beams in Shear ", *Journal of Structural Engineering* , January 1987, S1-19

[10] Peng, X. D. & Hsu, T. T. C., "Behaviour of Reinforced Concrete Membrane Element in Shear", *ACI Journal*, November - December 1995, pp. 665–679

[11] Collins, M. P., Mitchel, D., Adebar, P. & Vecchio, F. J., "A General Shear Design Method", *ACI Journal*, January - February 1996, pp. 36-45.

[12] ASCE-ACI Committee 445 on Shear and Torsion, "Recent Approaches to Shear Design of Structural Concrete", *Journal of Structural Engineering*, Vol. 124, No. 12, December 1998, pp. 1375 -1417.

[13] Weerasekera, I.R.A, (1991), "Transfer and Flexural Bond in Pretensioned Prestressed Concrete", PhD Thesis, Department of Civil Engineering, The University of Calgary, Calgary, Canada, June 1991, pp. 1-322.

[14] Duthinh, D., & Carino, N. J., *"Shear Design of High Strength Concrete Beams: A Review of State of the Art"*, US Department of Commerce-NIST, Gaithersburg, August 1996.

[15] Shrive, N. G., "Compression Testing and Cracking of Plain concrete", *Magazine of Concrete Research*, Vol. 35, No. 122, March 1983, pp. 27 - 39.

[16] Millard, S. G. & Johnson, R. P., "Shear Transfer in Cracked Reinforced Concrete", *Magazine of Concrete Research*, Vol. 37, No. 130, March 1985, pp. 3 -15.

[17] Loov R. E., "Shear Friction Design for Large Concrete Elements", *ACI Seminars Edmonton, Calgary*, February 2000.

[18] Shin, S. W., Lee, K. S., Moon, J. I. & Ghosh, S. K., "Shear Strength of Reinforced High Strength Concrete Beams with Shear Span to Depth Ratios Between 1.5 and 2.5", *ACI Journal*, Vol. 96, No. 4, July - August 1999, pp. 549 -557.

[19] Anderson, N. S. & Ramirez, J. A., "Detailing of Stirrup Reinforcement", *ACI Journal*, Vol. 86, No. 5, September - October 1989, pp. 507 -515.

[20] Collins, M. P. & Bhide, S. B., "Influence of Axial Tension on the Shear Capacity of Reinforced Concrete Members", *ACI Journal*, September - October 1989, pp. 570-581.

[21] Vecchio, F. J., & Collins M. P., " The Response to Reinforced Concrete to In-Plane Shear and Normal Stresses ", *Publication No-82-03*,Department of Civil Engineering, University of Toronto 1982, pp. 332

[22] MacGregor, J. G., & Bartlett, F. M., "*Reinforced Concrete – Mechanis and Design*", Prentice Hall Inc, Scarborogh, Ontario,2000.

[23] Dass, H. K., "*Advanced Engineering Mathematics*", S Chand & Company, RamNagar, NewDelhi, 2004.