1145-33-56 Harish Nagar* (drharishngr@gmail.com), 2-A-16, Nagar Villa, Bapu Nagar, Bhilwara, 311001, India, and Seema Kabra. Composition of Marichev-Saigo-Maeda fractional operators and generalized k-Struve function.

The aim of present paper is to present certain new formulas using Caputo – type Marichev – Saigo – Maeda fractional integral and differential operators having the generalized k – Struve function $S_{\nu,c}^k(t)$ as one of the kernel factor. These fractional operators, when applied on k – Struve function yield the results in the form of generalized k-Wright function ${}_{p}\Psi_{q}^{k}$. The corresponding assertion for the Saigo and Erdelyi – Kober fractional operators is also presented in this paper. (Received July 11, 2018)