



Studies on preparation of *Gulabjamun* blended with wheat bran

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ABSTRACT : The *Gulabjamun* were prepared from *Khoa* of buffalo milk blended with wheat bran in different proportion such as (T_1) 0.2 per cent wheat bran by weight of milk, (T_2) 0.4 per cent wheat bran by weight of milk, (T_3) 0.6 per cent wheat bran by weight of milk and compared with control T_0 (without wheat bran) for its acceptability. The average chemical composition of control *Gulabjamun* (T_0) and *Gulabjamun* blended with wheat bran 0.2 per cent (T_1), 0.4 per cent (T_2), 0.6 per cent (T_3) are as moisture 27.12, 27.42, 28.00 and 28.30 per cent, fat 14.89, 15.00, 15.17 and 15.37 per cent, protein 13.72, 14.00, 14.28 and 14.56 per cent, ash 2.95, 2.76, 2.55 and 2.32 per cent, fibre 0.55, 1.46, 2.32 and 3.25 per cent, carbohydrate 41.32, 40.82, 40.00 and 39.45 per cent and total solid 72.88, 72.58, 72.00 and 71.70 per cent, respectively. The sensory score for overall acceptability of control *Gulabjamun* (T_0) and *Gulabjamun* blended with wheat bran treatment T_1 , T_2 and T_3 are 8.62, 8.52, 8.43 and 8.30, respectively. *Gulabjamun* was evaluated for textural properties viz., hardness, cohesiveness, adhesiveness, springiness, gumminess and chewiness. Hardness, cohesiveness, adhesiveness, springiness, gumminess and chewiness in control T_0 was 2.157, 0.2673, 0.061, 18.391, 0.5765 and 10.602, for treatment T_1 was 2.097, 0.2767, 0.059, 16.621, 0.5802 and 9.643, for treatment T_2 was 1.968, 0.2717, 0.050, 15.037, 0.5347 and 8.040, for treatment T_3 was 1.843, 0.2553, 0.016, 16.546, 0.4705 and 7.784, respectively. Cost of production of 1 kg *Gulabjamun* (T_0) and *Gulabjamun* blended with wheat bran of treatment T_1 , T_2 and T_3 were Rs. 219.46, 218.00, 216.26 and 214.69, respectively.

KEY WORDS : *Gulabjamun*, Dietary fibre, Wheat bran, Sensory

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