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Magnetized strange quark matter in f(R, T) gravity with bilinear and special form of time varying deceleration parameter

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Highlights

- Behaviour of strange quark matter and magnetic field for LRS Bianchi type-I model is studied in f(R; T) gravity.
- Bilinear and special form of deceleration parameter is used to obtain the solutions of the Einsteins field equations.
- Both the cases we obtain acceleration expansion of the universe.
- The models obtained here with three different deceleration parameter represents expanding, shearing and an anisotropic universe.
- In the early universe the magnetic flux has more effects and its effects gradually reduces in later stage.

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