List of Publications:

A. Journals:

1. Binary-breakup, onset of multi-fragmentation and vaporization in Ca-Ca collisions.
   Rajeev K. Puri and Suneel Kumar,

2. Role of momentum correlations in fragment formation.
   Suneel Kumar and Rajeev K. Puri.

3. Different nucleon-nucleon cross sections and multi-fragmentation.
   Suneel Kumar, Rajeev K. Puri and J. Aichelin,

4. The stability of fragments formed in the simulations of central heavy-ion collisions.
   Suneel Kumar and Rajeev K. Puri,

5. Impact parameter dependence of disappearance of flow and in-medium nucleon-nucleon cross section.
   Suneel Kumar, M. K. Sharma, R. K. Puri, K. P. Singh and I. M. Govil,

6. The simulations of Ca-Ca collisions: binary break-up, onset of multi-fragmentation and vaporization.
   Rajeev K. Puri and Suneel Kumar,
7. Importance of momentum dependent interactions in multi-fragmentation.
Suneel Kumar and Rajeev K. Puri,

8. Fragment production in $^{16}O + ^{80}Br$ reaction at intermediate energies.
Suneel Kumar, Rajeev K. Puri and J. Aichelin,

Jaivir Singh, Suneel Kumar and Rajeev K. Puri,

10. Multi-fragmentation and its dependence on the masses of colliding nuclei.*
Jaivir Singh, Suneel Kumar and Rajeev K. Puri,

11. Does various model ingredients affect the multi-fragmentation in $^{16}O + ^{80}Br$ reaction?*
Suneel Kumar, Jaivir Singh and Rajeev K. Puri,

* This thesis does not contain these results.
B. Symposia/Workshops/Conferences:

12. Multi-fragmentation of Ca-Ca collision at intermediate energies.
Rajeev K. Puri, Suneel Kumar and Joerg Aichelin,

Rajeev K. Puri, Suneel Kumar and J. Aichelin,
Symposium on nuclear Physics, Pantnagar (India), 39B, 280 (1996).

14. Heavy-ion collision and the nucleon-nucleon cross section.
Rajeev K. Puri, Suneel Kumar, M. K. Sharma and J. Aichelin,

15. Disappearance of flow in heavy-ion collisions using QMD approach.
Suneel Kumar, Rajeev K. Puri and J. Aichelin,
6th Int. conf. on nucleus-nucleus collisions, Gatinburg (USA), June 26, (1997).

16. Fragment production in heavy-ion collisions.
Suneel Kumar, Rajeev K. Puri,
6th Int. conf. on nucleus-nucleus collisions, Gatinburg (USA), June 26, (1997).

17. Study of heavy-ion collisions using different nucleon-nucleon cross sections.
Rajeev K. Puri, Suneel Kumar and J. Aichelin,
8th Int. conf. on Nucl. React. mechanisms, Villa Monastero, Varena (Italy), June 9-14, (1997).
18. Importance of correlations in fragment formation.
   Suneel Kumar and Rajeev K. Puri,
   Symposium on nuclear physics Banglore, (India), 40B, 152 (1997).

   Suneel Kumar, M. K. Sharma, R. K. Puri, K. P. Singh and I. M. Govil,
   Symposium on nuclear physics, Banglore (India), 40B, 372 (1997).

20. Is fragment production sensitive to different nucleon-nucleon cross sections?
   Suneel Kumar, Rajeev K. Puri and J. Aichelin,
   Symposium on nuclear physics, Banglore (India), 40B, 374 (1997).

21. The disappearance of flow in Zn+Al reaction.
   R. K. Puri, S. Kumar, M. K. Sharma, K. P. Singh and I. M. Govil,

22. Fragmentation in heavy-ion collisions and various effects.
   Rajeev K. Puri and Suneel Kumar,

23. The multi-fragmentation in the simulation of Ca-Ca collisions.
   Suneel Kumar and Rajeev K. Puri,
   Workshop on nuclear structure physics, Chandigarh (India), March 17-20, (1998).

24. Does multi-fragmentation depend on the equation of state?
   Suneel Kumar and Rajeev K. Puri,
25. The stability of fragments produced in a simulation of heavy-ion collision.
   Suneel Kumar and Rajeev K. Puri,

26. Multi-fragmentation and its dependence on the masses of colliding nuclei.
   Jaivir Singh, Suneel Kumar and Rajeev K. Puri,

27. The simulations of Ca-Ca collisions: Binary Break up, Onset of multi-fragmentation
    and vaporization.
   Rajeev K. Puri and Suneel Kumar,
   Int. workshop on Rare Nuclear processes in low energy heavy-ion physics. Nuclear
   Science Center, New Delhi, Nov. 16-20, 1998.