



**\* Today's problems:**

- \* Big data work now needs much power
- \* Common CPU and GPU solutions cause delay and waste
- \* Wide usage brings strain on power

**\* SPGAMT Solution:**

- \* Guidance is taken from Sanskrit grammar & Mimansa
- \* Parallel data paths are kept precise & concise for better performance & efficient power usage
- \* Competitors : Nvidia, Intel, AMD
- \* Examined & encouraged at national level by DST & NQM Director
- \* Lead by expert with 27 US patents



### \* **Present effort for low hanging fruit:**

- \* First work is for FPGA based solution for specific deep tasks.
- \* Step by step move is planned with care.

### \* **Way ahead:**

- \* Early years: FPGA proof and steady build.
- \* Middle years: ASIC plan and design.
- \* Later stage: First silicon and field use.

### \* **Details:**

- \* Technical: Under Disclosures section of [www.spgamt.com](http://www.spgamt.com)
- \* Funding ask: Accompanying document