

Dr. M.P. Shiva Kumar
Assistant Professor &
Principal Investigator (PI),
AMRT Project.

Indian Institute of Risk Management (IIRM) has entered into a strategic agreement as a consortium partner with Gloqal Information Technologies Private Limited. Gloqal, a global development projects specialist, is working on projects in consortium with ICRISAT, IIT Delhi, IIIT Hyderabad, IIPH Hyderabad and IIT Kharagpur in Agriculture and Health Domains for Policy oriented Re-Engineering, Insurance & Risk Management initiatives in "Agriculture, Healthcare & Other Sectors".

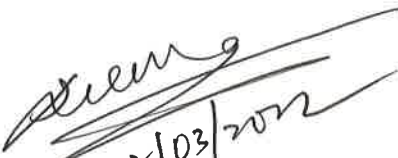
IIRM plays a role as lead partner for **Agri Monitored Re-engineering and Transformation (AMRT)** project and Oral Cavity Cancer Governance Moonshot Program (OCC-GMP). As the academic and research arm of IIRM under the banner of R&C (Research & Consultancy) can help further the research, add value in the Policy Oriented Reengineering (PORE) framework of Gloqal and bridge the gap for decision making in Agriculture Insurance & Risk Governance in India. Since the scope is predefined to all the consortium partners for e.g., IIT Delhi works on RTD, ICRISAT works on Crop Patterns and Management, etc..

1. **Agri Monitored Re-engineering and Transformation (AMRT)** project is being run in consortium with Gloqal, ICRISAT, IIIT Hyderabad, IIT Kharagpur and IIT Delhi within the scope of the consortium partners' expertise.
2. As AMRT is a technology research, development and implementation project with a core but small component of policy recommendations can be supplemented by IIRM and will be augmenting in Consulting on Risk Management, Insurance, Analytics, Business Development, Research and Reengineering and Transformation by **Principal Investigator (PI)** faculty of IIRM.
3. AMRT is a high-end research project in several emerging technologies (including Drone and Satellite) and techniques for monitoring agriculture on Real Time Data (RTD) and thereby, suggest or recommend policies to reengineer and transform agricultural ecosystem in the select areas. However, AMRT is interested to expand further to other states/regions or areas.
4. AMRT improves upon advanced NASA research and techniques (using satellite imagery for crop mapping and disaster impact assessment) to governance scale (less than 0.25 acres) in India and helps re-engineer entire agricultural ecosystem from inputs to processing/markets.
5. Sundargarh District, Odisha has potentially agreed to reassign the project to IIRM as lead partner.



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6. AMRT project will help establishing and or furthering the investment in Computing facilities such as an Incubator Cell or an Innovation lab with cutting edge technologies (limited to latest analytics software, big data, drone technology etc.) for getting the right exposure to students and for use on the project in IIRM campus.
7. AMRT will augment 'Action Research'- Deputation of Students for Internship Projects under AMRT project, where IIRM & AMRT will select students for SIP and AMART will lead in training the select students and pay stipends for work on project.
8. AMRT project shall select students and provide them on-the-field internship interacting with both farmers/FPOs/NGOs as well as policy decision makers in district administration, banks, insurance companies, input and output companies, central Govt entities like IRDAI, PMFBY, MNCFC, etc.
9. Team members will provide brief presentation every quarter (interacting with the students) about the project, the emerging technologies, new e-Governance mechanisms, revolutionary data based changes in policy making, etc.


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