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Research Category: B) Artificial Intelligence,
 D) Interdisciplinary

Research Area: Machine Learning,
 Computer Vision, Multimodal Data Analytics,
 Privacy and Explainability

Research Application: Social
 Good, Behavioral and Cognitive analytics,
 Monitoring and Surveillance

Selected Research Projects:

VIFI: Virtual Information-Fabric Infrastructure (VIFI) for
 Data-Driven Decisions from Distributed Data

Explainable Multi-modal Misinformation Identification in
 presence of Evolving Data patterns

Privacy-Preserving, Personalized, Culturally Sensitive AI-
 powered Assistance to improve mental Health of Diverse
 population bases

A AI for Social Good



Explainable Multimodal
 Misinformation Prediction



Malicious Social Media Content
 Identification



Multimodal Violent
 Action Recognition



Realtime Emotion Tracking in
 Multiparty Conversation

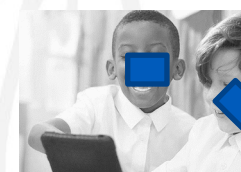


Affective State Monitoring for
 Aging Population

B Educational Data Mining



AI-Powered Personalized
 Learning for All



AI-powered Privacy
 Preserving Student
 Engagement Evaluation



Students Mental Health
 condition Monitoring