WORKSHOP ON USE OF BIG DATA FOR GOVERNANCE

October 9, 2018

About KJA

Karnataka Jnana Aayoga (KJA; www.karnataka.gov.in/jnanaaayoga/pages/home.aspx) has been constituted by Government under the Chairmanship of Dr. Kasturirangan. KJA aims to provide professional and knowledge recommendations for improving governance in state, benefit to society and enabling citizens of Karnataka.

KJA brings new ideation, undertakes extensive brain-storming and wide consultations on important and relevant issues for the state’s development and make specific actionable recommendations to the Government - for institution building, policy innovation and excellence in the field of education, health, S & T, industry, entrepreneurship, research and innovation, traditional knowledge, agriculture, e-Governance, rural development and other relevant areas.

Over the past few years, KJA has submitted 16 recommendations to GoK – some of which include establishment of Karnataka-GIS (through IT/BT Department); establishment of Cauvery Gallery (through Tourism Department); establishment of a Biodiversity Park at Madivala Lake (through Forest and Environment Department); completed development of an indigenous Nursing Training Simulator (thru IISc); recommendations on Education Technology usage and Edusat Utilisation in HE institutions; Karnataka Sports Policy; pilot project for medicinal plants pharmacopeia and traditional health knowledge; Karnataka Skill Development Plan; Karnataka State Education Policy; Karnataka Public Health Policy and many others.

The recommendations of KJA are available on its website.

KJA New initiative for Big Data in Governance

Big Data examines volumes of varied data sets with changes over time to uncover hidden patterns, unknown correlations, market trends, citizen preferences and other useful information that can help organizations and Government make more-informed decisions both apropos to governance and business.

KJA recognized that Big Data & its applications is one of the rapidly emerging technologies which has an important element of Governance. To study and recommend a Big Data Vision for Karnataka, KJA constituted an expert Task Group for formulating Vision and Plan for Usage of Big Data in Governance. The Task Group is Chaired by Prof Pulak Ghosh of IIM-B and Shri SV Ranganath, Vice Chairman-KSHEC of Karnataka.

KJA envisaged to focus on the Big Data Technology and architectures, Analytics and Applications in various sectors, education and R&D systems. The overall vision would help Karnataka to take up a leadership role in adopting Big Data in making informed governance decisions for planning and monitoring effective governance.

Big Data Governance Focus areas:

- Agriculture
- Water Resources
- Employment and Skill Development
- Healthcare
- Education
- Infrastructure & Transportation
- Rural Development
- Urban development
- Energy and Utilities
- Effective Citizen Services
- Disaster Management
- Meteorological Data Analytics

Karnataka Knowledge Commission
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Workshop on Big Data in Governance

With a view to widen consultation and involve various government, industry and academia experts, KJA is organizing a Workshop on Big data in Governance. The Workshop has 2 aims:

• Bring an expert discussion on Big Data technologies, architecture, applications, policy issues etc to GOK Departments so as to trigger them to utilize Big Data concepts in state governance.
• Define contours of possible pilot projects in Big Data that can be taken up in Karnataka – in technology and applications areas of relevance to Governance in state.

About Workshop

The Workshop should help understand the technologies and application of Bigdata and obtain a good perspective of challenges for its implementation in state governance.

The workshop will bring Big Data and Governance experts in Karnataka and elsewhere, key industry experts, academia etc to share knowledge and experience, suggest effective steps in improving the innovation eco-system in Big Data and identify possible Pilot Projects.

The Workshop will be held on October 9, 2018 in Conference Hall Room 419, Vikasa Soudha, Bengaluru.

The Workshop would be inaugurated by Dr K Kasturirangan, Chairman of KJA and Mr TM Vijay Bhaskar, Chief Secretary of Karnataka. ACS/PRS of various Departments of state, key national agencies, industry experts, academia and KJA Members etc would be attending.

TENTATIVE PROGRAMME

0915–0945 hrs Registration

0945-1030 hrs Inaugural Session
• Key Note address – Dr. K. Kasturirangan, Chairman, KJA &
• Chief Guest address – Shri. T.M.Vijay Bhaskar, Chief Secretary, GoK

1030-1100 hrs Plenary Session
Key talks by Prof. Pulak Ghosh, Co-Chair of KJA TG Big Data and Professor, IIM-B & Prof Kamakoti, IIIT, Chennai.
• Specific Examples
1100-1115 TEA BREAK

1115-1245 hrs Session I: Big Data Technology, Applications and Policy Perspectives
• 5 Expert Talks (invited)

1245-1400 hrs Session II: Panel Session: Role of Data for Big Data analytics in Governance & Scoping Pilots for using Big Data
• Senior ACS/PRS of GOK as Panelists
• Participant Interventions/Discussion

1400-1430 hrs Concluding Session & LUNCH

For details, to participate (limitations of space exists), contact:

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