



Kammavari Sangham (R) 1952, K.S.Group of Institutions

K.S INSTITUTE OF TECHNOLOGY

KSIT
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(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by **NAAC** & **IEI**)

CONSULTANCY OFFERED BY KSIT TO THE INDUSTRY

In addition to their academic track record, our faculty members come with rich industrial and research backgrounds. This makes different companies engage our faculty as technology consultants and subject matter experts (SMEs). In the last few years, we have offered consultancy services to Paytm, Tata Elxsi, Upgrad, Acsia and many startups. The domains where our expertise has been sought by the industry includes Security and Networking, Video and Image processing, AI/ML, Embedded Systems, Data Analytics, Autonomous Driving and IoT.

- **Tata Elxsi:**

The work is in the OTT space. Our contribution is in helping improve the quality of video and overall experience of end users.

- **Acsia:**

The area of work is automotive systems and autonomous driving. Our contributions were in building optimized embedded code and in building prototypes for autonomous driving solutions.

- **Mitara Consulting Services:**

Our contribution was in conducting specialized training programs for industry professionals to help them write better code.



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- **PayTM (One97 Communications Ltd):**
Area of work is computer network and security. Our contribution is review and improve network architecture, design, topology, infrastructure and implementation scenarios (consisting of switches, routers, firewalls, load balancers, protocols etc.).
- **upGrad India Pvt Ltd :**
Area or work is curriculum design and delivery. Our contribution is in Design of Scheme, syllabus and course content for the Computer Network course. The course delivery included video content, Formative Assessments and Assignments.
- **Personal Air Quality Systems :**
Area of work in Application design in the space of Air Quality. Our contribution is in reviewing Engineering Architecture and advise on scaling of cloud based deployments, use of Machine learning algorithm in processing Satellite data to determine air quality for regions in India.
- **Various startups:** The areas of work have been related to medical imaging and autonomous driving. Our contributions have been in novel pre-processing of images for them to become better inputs for AI/ML systems built for computer vision.