

## *GTU Board for Mobile Computing and Wireless Technologies*

Over the last few years, there has been a substantial increase of research & development and adoption in wireless and mobile technologies and considerable amount of contributions to this domain from India to various avenues like research, coding, localization, marketing, app store submissions, infrastructure, maintenance, job opportunities etc have been observed.

We need a forum to gather as many wireless and mobile technology experts and developers as possible at one place under Gujarat Technological University. So GTU has planned to come together to organize a board solely dedicated to Wireless and Mobile Technologies with an aim to spread these technologies far and wide within India and abroad. As curriculum has been the foundation of these technologies since the very beginning, we have the same aspirations for further development. We also wish to promote various wireless technologies with its development platforms like a raised area that is capable of delivering excellence.

Here are a few things we have in mind for the primary focused area:

- Organizing talks and workshops by seasoned wireless and mobile applications technology experts
- Organizing day long tutorials by wireless and mobile application technology experts
- Brainstorming new ideas that could be possible with wireless and mobile application technologies
- Meet new people and share the passion of making awesome mobile applications and being a part of a rich community by pushing our students at international avenues.
- Development of web based learning materials in association with UNESCO
- Leveraging open source hardware and software in this area.

Initially we focus on following technologies/area to start with.

- Mobile Applications development using C++, Python, Qt/QML, WRT, Java ME etc.
- Mobile Applications development on Android, Meego, Symbian, Bada, RIM, iOS and Windows platform
- Submission of applications which can be marketable to world famous virtual stores like Ovi store, App World, App Store, Flypp etc.
- Embedded wireless system design and development
- GSM and 3G network planning and optimization
- Wireless network security issues
- Wireless technologies in forensic science.
- Use of mobile and wireless technologies in rural areas, healthcare, governance and education.
- Protecting intellectual properties right management on these technologies for GTU students and faculty
- Wireless sensor networks, pachebe community and WASP
- Location based services using Global Positioning System.

We expect experts, faculty and students to come and join this group in vast numbers and benefit from these revolutionary technologies and take back with them a lot of knowledge and the thrill to be a part of and contribute to one of the widely used technology in the world. We also expect and encourage faculty, students, research scholars and professionals working with such technologies to take part in this group and share their knowledge and experience with the community.

We welcome all, who have strong relations with industries in the said area to join and contribute.

Welcome and have fun!

For more details please contact:

Ms. Toral Vandara  
Email:patovc@gtu.edu.in  
Contact no: 079 26300699