



Minutes of the First Meeting of GTU Board for Mobile Computing and Wireless Technologies

Date: 19/03/2011

Time: 11:00AM-01:00PM

Venue: GTU Conference Hall, Ahmedabad

The following attended the Meeting:

Dr.Akshai Aggarawal	Hon'ble Vice Chancellor,GTU
Prof.Kiran Trivedi	SSEC, Bhavnagar
Dr. Kiran Parmar	LDCE, Ahmedabad
Dr.Mihir Shah	VGEC, Chankheda
Prof. J. V. Dave	GEC, Gandhinagar
Dr. H.B.Bhadka	C.U.Shah College of MCA, Wadhwan
Prof. V N Acharya	PIET, Vadhodia
Prof. Sanjay Patel	SVBIT, Vasan
Prof.Hardik Bhatt	GIT, Gandhinagar
Dr. Kamaljit Lakhtaria	AITS, Rajkot
Prof. Mehul Jajal	SSEC, Bhavnagar
Prof. Vinod Pillai	CTI, Gandhinagar
Prof. S.B.Parmar	SSEC, Bhavnagar
Prof. G M Chauhan	GEC, Bhavnagar
Prof. Usha Nilkanthan	VGEC, Chandkheda
Prof .Hiteishi Diwarji	LDCE,Ahmedabad

1) Welcome Speech:

First of all Hon'ble Vice Chancellor Dr. Akshai Aggarwal welcomed to the all the faculties members and thanked them for remains present. He said that now a day in mobile computing and wireless computing there is a large area of interest. In this field there is a great career at research. He also said that we have to take help from the lab also and training students in this particular field.



2) Prof. Kiran Trivedi:

SSEC, Bhavnagar made a presentation. On his presentation, he discussed about Sources of Experts .i.e from where how we can get experts for GTU Board for mobile computing and wireless technologies. He also spoke that we can motivate students as well as faculties by giving them prizes, certificates, awards etc. He also spoke about GTU and Colleges. He said to organize summer workshops, mobile application workshops, embedded system workshops etc.

3) Dr. H.B.Bhadka:

C.U.Shah College of MCA, Wadhwan made a presentation. On his presentation he spoke about his area of interest on mobile application development and internet protocol development. He had Published 10 papers in International & National Journals of *my interest*. For Future implement he suggests Mobile Application Development, MOU with various organizations and groups across the world working on Mobile & Wireless technologies. He also spoke about Journals and publications, conferences, projects and resources etc.

4) Prof. Usha Nilkanthan:

VGEC,Chandkheda made a presentation. On her presentation she spoke about Wireless Ad hoc and Sensor Networks. She Spoke about IUCEE Participation In Wireless Networks at Infosys Mysore and Commitments. She had given Expert lecture on Wireless Networks, One -Day workshop on Wireless Ad hoc Networks. She spoke about MULTI HOP WIRELESS AD HOC NETWORKS CHALLENGES AND OPPORTUNITIES. In that various points were included like: Need for Wireless Communication, Categories of wireless networks, Limitations of Existing Wireless Systems, Need for Ad-hoc Networks, What is an Ad-hoc network ?,Wireless (Mobile) Ad-hoc Network (MANET),Dynamic Network Topology, Multi-hop Ad-hoc Network, Protocols, Why need MAC ?,Five-Way Handshake-MACA (MACA for Wireless),Ad-hoc routing Protocols, Energy Consumption for Ad-hoc Wireless Networks, Power Savings, Power Control, Choice of Power Level on the operation of the network, Security Challenges, Applications, Wireless Sensor Networks, Deployment of wireless Network, Environmental Monitoring, IUCEE mantra, Acknowledgements etc.

5) Prof. Vinod Pillai:

CTI, Gandhinagar made a presentation. First of all he introduces his self. His areas of interest are: web, mobile, android, J2ME application development, struts, cyber law, hibernate 3.0,semantic web etc.His implementations are:J2ME(database-jar),hibernate 3.0+struts(user lib),android application development, WML and WMLScript.His prediction are: Mobile computing, network security/wireless application, cyber crimes, cloud computing, semantic web. He also said that it is some more difficult to download android, for that he suggest Motodev studio for android. He gave various suggestions like organize workshops on Android/Apple application development, make group of students and faculties for mobile computing in that they can upload projects, and ask questions etc. He also suggests that there will be one elective as well as practical subject for mobile computing, android etc. Organize completion for all MCA,BE students on mobile computing and create a website group in which contains mobile computing information, current competitions, seminars, workshops etc.



6) Dr. Kamaljit Lakhtaria:

AITS, Rajkot made a presentation. First of all he introduces his self. His areas of interests are: Next Generation Networking ,IP Multimedia Subsystem, Mobile Ad Hoc Networks, Emerging value added services etc. He made project on MoBlog Simulation,MoBlog Real Time Deployment. He spoke about agenda for GTU which include existence of mobile technologies in each course, evaluate content as course and not a part of course, course work design for workshop. He also said about action plan in 3 levels like regular session, technology awareness, and team up experts. He also spoke about mobile hardware, software and needs. He also suggests some people for collaboration.

7) Prof. Sanjay Patel:

SVBIT, Vasan made a presentation. On his presentation first of all he describe his areas of interests which are: cluster, cloud and grid computing, data mining and Embedded System Development. He spoke about cloud computing, why cloud computing?,SaaS (Software as a Service),PaaS (Platform as a Service) and IaaS (Infrastructure as a Service).He also said about new application opportunities and tools and technologies.

8) During open discussion session,

Prof.Kiran Parmar said that awareness will be created in this field. He also said about android, tablets etc. Prof Mihir shah also said about embedded system, rather than creates small group, we have to keep wireless group and spoke for further development. Prof.J V Dave said that from each zone we have to choose one person for this. He also suggests inviting some expert people, arranging workshops of BISAG,each Saturday etc. Prof.Kiran said that currently we are teaching another companies technologies in subjects like Microsoft's Visual Basic etc. Prof .Hiteishi Diwarji said that certificates should be provided for each workshop and said about GTU's syllabus in this particular field.

All Professors discussed that we are having rough idea of students and faculties, dates and times, experts list, video conference, seminar etc. We have to organize sttp for faculties,at the end of session there will be problem solution etc and on website we have to put IITs recorded CD,DVD's etc have to find different between NTPL and GTU's syllabus, Organize summer workshops, registration which will be open for all GTU Students as well as faculties.

9) Hon. Vice Chancellor Dr. Akshai Aggrawal:

Vice Chancellor thanked all participants for attending meeting and their continued help. He told all members to plan Summer Workshops, find resources, experts in this particular field. He also spoke that members of this group will be as much active and motivate so that after 6 month we will be proud of this group.

After Vice Chancellor lived the Conference Hall all members discussed with each other and plan to organize workshops in all the collage and rough idea of the workshops created which will be upload on the GTU's website. After that all lived the conference hall and meeting came to a close.