

## A Report STTP on “Imminent Mobile Computing”

Prof. S.B. Jadeja executive director of B. H. Gardi College of Engineering and Technology inaugurated the STTP program on “Imminent Mobile Computing” in association with InfoStretch Corporation and CSI at the B. H. Gardi College of Engineering and Technology, on 21<sup>st</sup> Dec. 2011. Heads of various Dept. were present in inauguration function. Prof. H. M. Nimbark, Head of Computer Science and Information Technology presided over the inauguration. Prof. H. M. Nimbark, Head of the Computer Science and Information Technology of GCET has designed the course module. The Gardi College of Engineering and Technology is amongst the apex Technical Institutes in the state. The institute is contributing to the qualitative growth of technical education in the state.

The Primary aim of this STTP is to bring technical faculty across the state/country up to the speed with the latest developer’s tools & technology that are currently being used by IT field. This STTP program is planned and schedule to address

Following critical issues:

- (a) To prepare facilities and operations for a mobile computing environment.
- (b) Faculty awareness and preparation on mobile computing (MC).
- (c) Exploring the unexplored of MC research areas.
- (d) Awareness the current trend in MC programming and simulation in mobile computing areas to integrate the effective use of mobile computing into the undergraduate and postgraduate curriculum.

On very first session Prof. Vijay Ukani, Associate Professor from Nirma University, Ahmedabad delivered a lecture on “Research Issues in Wireless Sensor Network”. In second session Prof. H. M. Nimbark, delivered a lecture on “Pervasive Grid Computing and Fundamentals of Research”. The highlights of the STTP are as under.

- Basics of Mobile Application Development.
- Open source hardware Arduino and various sensor interfacing
- Python for mobile application development
- Security Issues in Wireless Sensor Network.
- Wireless Sensor Network Simulation using Castalia
- Research issues in Wireless Multimedia Sensor Network
- Routing Multimedia over MANET
- Mobile Computing Trends and Technology
- Mobile Operating System and Android Application

- Pervasive Computing and 3G and IP Multimedia Subsystem (IMS)



**Innauguration Speech** by Prof. S. B. Jadeja, Executive Director of B. H. Gardi College of Engineering and Technology.



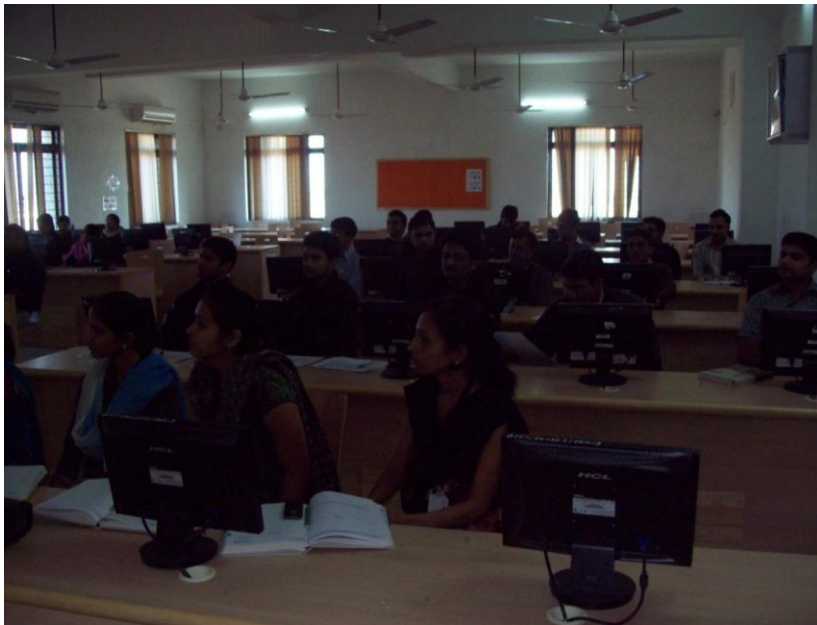
## LIGHT GLOW CEREMONY OF STTP ON “IMMINENT MOBILE COMPUTING”



## WELCOME EVENT OF HOST AT STTP ON “IMMINENT MOBILE COMPUTING”



Session-1 of STTP on “**Research Issues in Wireless Sensor Network**” by Prof. Vijay Ukani from Nirma University.



Participants from various institutes who participated in STTP on “Imminent Mobile Computing”



**Session-2** of STTP on Pervasive Grid Computing was conducted by Prof. H. M. Nimbark Head of Department of CSE/IT B. H. Gardi College of Engineering and Technology.



Participants from various institutes who participated in STTP on “Imminent Mobile Computing”.

**GLIMPSE OF DAY 2 OF STTP ON “IMMINENT MOBILE COMPUTING”**

**Prof H M Nimbark Starts the Session with welcome and introductory speech on 2<sup>nd</sup> Day 1<sup>st</sup> Session of STTP on “Imminent Mobile Computing”**



Prof. K. R. Trivedi and Prof. M. A. Jajal from Govt. Engineering College, Bhavnagar ( from left to right respectively).



Prof. K.R. Trivedi, giving their valuable talk on “Basics of Mobile Application Development”.

Prof. K. R. Trivedi and M. A. Jajal while giving practical example of Mobile Application Development.



Participants from various institutes enjoying the valuable talk on Wireless and Mobile Application Development by Prof. K. R. Trivedi and Prof. M. A. Jajal.



At the end of day 2, Prof. Milan Vachhani and Prof. Kaushik Raviya gave token of love to Prof. M. A. Jajal and Prof. K.R. Trivedi. (from left to right)

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Campus : Opp. Shivshakti Hotel, Kalawad Road, Village : Anandpar.





**GLIMPSE OF DAY 3 OF STTP ON “IMMINENT MOBILE COMPUTING”**



**Prof H M Nimbark Starts the Session with welcome and introductory speech on 3<sup>rd</sup> Day 1<sup>st</sup> Session of STTP on “Imminent Mobile Computing”, Prof. K. H. Raviya (right) while giving welcome flowers to Dr. Mukesh Zaveri from SVNIT, Surat (left).**



**Prof. Milan Vachhani while giving welcome flowers to Mr. Pupak Parikh and Javal nanda from InfoStretch, Ahmedabad..**





Dr. Mukesh Zaveri from SVNIT, Surat while giving their valuable talk on “Localization in WSN”



Participants from various institutes enjoying the valuable talk on “Localization in WSN” By Dr. Mukesh Zaveri from SVNIT, Surat





Mr. Rupak Parikh from InfoStretch, Ahmedabad. Mr. Rupak an industrial expert gave their valuable talk on “Mobile Computing Trends and Technology” and “Basics of Mobile Application Development”. Mobile Computing provides detailed information on Mobile Computing, Mobile Computing Networks, Mobile Computing Solutions and more.

Mr. Javal nanda from InfoStretch, Ahmedabad . Mr. Javal Nanda gave their valuable talk on “Practical Application of Mobile Computing”. Embedded monitoring covers a large range of application areas, including those in which power or infrastructure limitations make a wired solution costly, challenging, or even impossible.





At the end of day 3, Prof. Hitesh Nimbark gave token of love to Dr. Mukesh Zaveri from SVNIT, Surat



**GLIMPSE OF DAY 4 OF STTP ON “IMMINENT MOBILE COMPUTING”**



**Prof. H M Nimbark Starts the Session with welcome and introductory speech on 4<sup>th</sup> Day 1<sup>st</sup> Session of STTP on “Imminent Mobile**

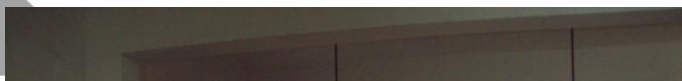


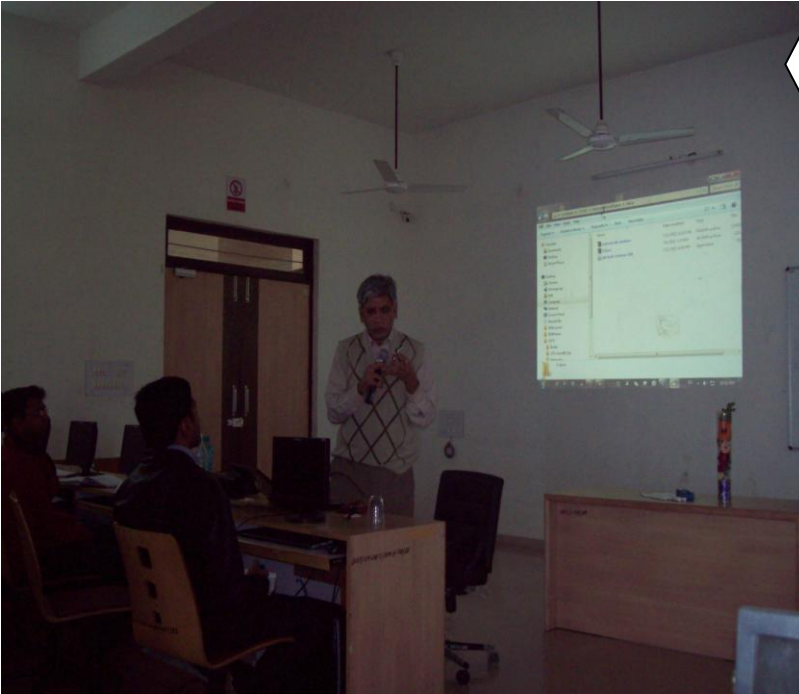
**Prof. V. A. Gandhi while giving welcome flowers to Prof. B. V. Buddhadev, L.D. Engineering College, Ahmedabad.**



**Prof. B. V. Buddhadev, L.D. Engineering College, Ahmedabad, while giving their valuable talk on “Android Applications”**

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Prof. B. V. Buddhadev, while giving their valuable talk on “Android Applications”. They make aware with how to develop mobile application using Android Technology, and also gave demonstration of various application developed by them using android technology with detail architecture.

Participants from various institutes while enjoying valuable talk of Prof. B. V. Buddhadev, on “Android Applications Development. Prof. B. V. Buddhadev also gave information about recent issues in Mobile Application.



At the end of day 4, Prof. H M Nimbark gave token of love to Prof. B. V. Buddhadev from L.D. Engineering College, Ahmedabad.

## GLIMPSE OF DAY 5 OF STTP ON “IMMINENT MOBILE COMPUTING”



Welcome event of 5<sup>th</sup> day of STTP. Prof. V. A. Gandhi welcomes Prof. Mrudang Maheta from DDIT, Nadiad with welcome flowers.



**STTP lectures on “Security Issues” by Prof. Mrudang Maheta.**





*CERTIFICATE DISTRIBUTION TO PARTICIPANTS OF STTP "IMMINENT MOBILE COMPUTING"*





*Prof. Nehal Kalani from R.K.University while giving their feedback at the end of STTP.*



*CLOSING CEREMONY OF STTP ON "IMMINENT MOBILE COMPUTING"*

**SMT. T.V. MEHTA CHARITABLE FOUNDATION**

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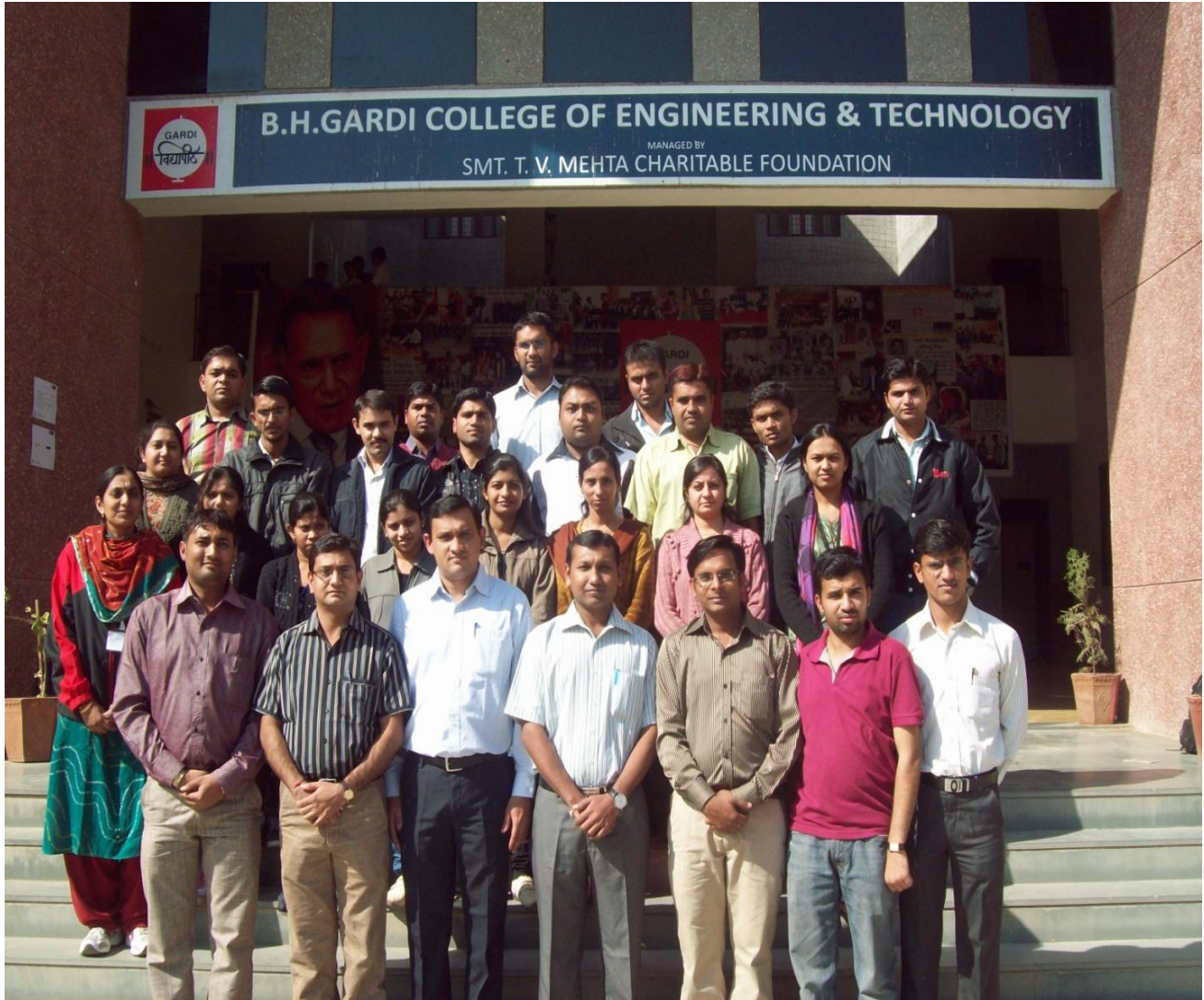


PHOTO SESSION OF COMPLETE STTP TEAM OF “IMMINENT MOBILE COMPUTING”



B. H. Gardi  
College Of Engineering & Technology  
Smt. T.V. Mehta Charitable Foundation

Date: 21/12/11

To whomsoever it may concern.

It is a pleasure to see such type of STTP being conducted at Gardi Vidyapith. The ~~type~~<sup>title</sup> of the STTP is very well suited to the next gen requirements. Also the contents of the course and list of speakers is impressive.

The course is also focusing on practical aspects by having sessions on Android and such tools. Overall good effort.

Yr.

Vijay Omani



Date: 21/12/11

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Yj.

Vijay Orani



B.H.Gardi  
College Of Engineering & Technology  
Smt. T.V.Mehta Charitable Foundation

- Well organize event of STTP.
- + Nice arrangement is done for the ~~just~~ guest expert @ coming for the delivering a talk.
- It satisfied with the arrangement and quality of the participant
- Overall nice arrangement.

M. A. Jajal  
S.S. Engg. College  
E C Dept.  
Bhavnagar



- \* The ambience of the campus is attractive.
- \* Neat & clean campus and the institute
- \* Quite good infrastructure
- \* Supportive staff
- \* Program content is really good.
- \* Hope to see more and programs in future
- \* Credit goes to the HOD of IT/CE and his team.

With all my best wishes.

BT  
(K.R. TRIPATI)



To,  
The Coordinator  
STTP on Mobile Computing.

Very much thankful for invitation and hospitality. The course organization and content are good. The participants will definitely have benefit from this STTP. The environment of college is also good.

Best wishes

Yours truly,  
M. A. Zaveri





→ This is a great initiative for beginning the new revolution of sharing knowledge and gaining expertise

→ I also like the faculties of your college encouraging students to perform specific projects during semesters that I observed during campus recruitment over here.

Jaraj



College Ambience & Academic  
Environment and facilities ~~is~~  
for STIP program is very excellent  
and All faculties & staff support  
for program is very good

Thanks-

Buddhina  
(Prof B.V. Buddhina)



B.H.Gardi  
College Of Engineering & Technology  
Smt. T.V.Mehta Charitable Foundation

Very good Initiative, This kind  
of STTP specially on Current Technology  
will help participants & organizers  
in all aspects to updates their  
knowledge, Very good arrangements  
Keep it up.

Pranav  
4/12/11

To,  
Gardi Vidyapith



B. H. Gardi  
College Of Engineering & Technology  
Smt. T.V Mehta Charitable Foundation

I congratulate Gardi Vidyapith for successfully organizing STTP on Mobile Computing & Wireless Sensor Network. The topics covered are very important for PG students & faculties. This type of activities should be done on regular basis for the benefit of faculties & students. I specially congratulate Prof. Nimbank, Prof. Gandhi & Prof. Kausik for ~~their~~ organizing STTP very well.

With Best wishes,

  
25/12/11  
Hrudang Mehta