

Curriculum Vitae

PERSONAL INFORMATION:

Name	Kamath Mahendra H S
Address	Permanent: 101-A, Shiv-Shankar Krupa CHS, Near Brahmin Sabha Hall, Tilak Road, Dombivli (E) # 421201, Maharashtra, INDIA
	Present: Trimble, CTS 911, Amar Calibre, BMCC Road, Off F C Road, Shivaji Nagar, Pune # 411004, Maharashtra, INDIA
Contact Number	+91-8600994093 (Personal) +91-9910888398 (Official)
E-Mail	kamathmahendra@gmail.com kamathmahendra@hotmail.com
Date of Birth	December 30, 1980
Passport No.	G3601992

PROFESSIONAL EXPERIENCE:

Dates	19-11-2012 – (date)
Employer	Trimble Navigation India Pvt. Ltd.
Designation	Infrastructure Support Engineer, Global Services Division
Work Description	1. Technical Support on Infrastructure Products (S/W & H/W) 2. Conduct training and On-site Upgrade & Maintenance Support 3. Preparing Technical Reference Documents 4. Assisting Sales Team on: a) Demos & b) Tender Documents
Dates	15-12-2008 – 16-11-2012
Employer	Lavasa Corporation Limited, Lavasa, Pune
Designation	Executive – Projects
Work Description	1. Geotechnical Exploration 2. GIS Coordination 3. Planning 4. Quantity Estimation 5. Tourism
Dates	01-11-2007 – 30-09-2008
Employer	Universidade de Lisboa, Lisbon, Portugal.
Designation	Research Fellow
Work Description	1. Research on GNSS data utilization in Tsunami Warning System. 2. University outreach program.

	3. Installing GNSS permanent station & various Geodesy software.
Dates	21-06-2006 – 30-06-2007
Employer	Indian Institute of Technology, Bombay, Powai, India
Designation	Research Scholar
Work Description	1. Research pertaining to INS-GPS-Pseudolite integration using GPS Constellation Simulator. 2. Teaching Assistantship related to Geodesy
Dates	25-07-2005 – 20-06-2006
Employer	Indian Institute of Technology, Bombay, Powai, India
Designation	Research Fellow
Work Description	1. Research pertaining to utilization of GPS data for various projects 2. Maintenance of GPS Lab and Permanent reference station. 3. Planning & execution in-charge of research projects. 4. Supervising lab experiments & exams for students.

RESEARCH PROJECTS:

Period	Title of Project	Funding Agency
2007-2008	Analysis of Signals & Networks for Development of Tsunami Early Warning Systems	EU-project TRANSFER
Apr. 2007	Establishing network of precise GPS control points for proposed Navi Mumbai International Airport	CIDCO, India
2006-2007	GPS-INS-Pseudolite integration and its testing using GPS Constellation Simulator	DRDL, India
2005-2006	Monitoring ground subsidence using GPS in Surat region	NIKO-India
2005-2006	Monitoring crustal deformations using GPS in Koyna and Western Maharashtra region	DST – GOI
Mar. 2006	Monitoring of crustal deformations using GPS, in Palghat region, Kerala	DST – GOI
Sep. 2005	Mapping electricity supply points using GPS, in Pune and Solapur region, Maharashtra	TCS, India

EDUCATIONAL QUALIFICATIONS:

Year	Qualification	Specialization	University / Board
2005	Master of Technology	Geotechnical Engineering	University of Pune
2002	Bachelor of Engineering	Civil Engineering	University of Mumbai
1999	Diploma in Engineering	Civil Engineering	Maharashtra State Board of Technical Education

PUBLICATIONS:

1. *'Using GNSS solutions in Tsunami Early Warning Systems'* – European Geophysical Union-2008, Vienna, Austria.
2. *'GPS-GIS Integration for effective traffic management'*, GeoSpatial Today (Special Feature on Location-based Services), May 2007.
3. *'Global Positioning System (GPS) survey for precise positioning of electricity supply points in Pune & Solapur Region, India'* Location Conference, June 2007, Bangalore, India.
4. *'Use of GPS for urban infrastructure development'* National Conference on Recent Trends in Infrastructure Development, January 2007, Coimbatore, India.
5. *'Global Positioning System (GPS) – Inertial Navigation System (INS) – Pseudolite integration and its testing using GPS Constellation Simulator'* National Geo-Informatics Conference, December 2006, Thane, India.
6. *'GPS Survey for Precise positioning of electrical supply points in Pune region, Maharashtra, India,'* International Conference on Remote Sensing and GIS, June 2006, Hyderabad, India.
7. *'A comparison of precise positioning using different GPS data processing software packages'* Location Conference, June 2006, Bangalore, India.
8. *'Study of ongoing deformation field by GPS measurements at fault area, South of Koyna dam, Western Maharashtra'* Graticule Conference, October 2005, New Delhi, India.

CERTIFICATIONS:

Year	Title	Institution	Application
2012	Environmental Management	IISc, Bangalore	Environment Sector
2011	Primavera P6	CADD, Pune	Planning
2010	CalQuan	CalQuan India Pvt. Ltd.	Quantity Estimation

SKILLS AND COMPETENCIES:

ADVANCED COMPUTER SKILLS			
Geodesy	Bernese, GIPSY-OASIS, GAMIT, Trimble Infrastructure Utilities		
Programming	C, C++, Linux Shell Scripting (Medium-level programming).		
Civil Engineering	STAAD-Pro, AUTOCAD, CalQuan		
Miscellaneous	Audacity 1.3 (Music), Kundli Pro (Horoscope)		
LANGUAGE SKILLS	Reading	Speaking	Writing
English	Excellent	Excellent	Excellent
Marathi (native)	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent
Sanskrit	Excellent	Average	Average
Portuguese	Average	Average	Average
ORIENTATION SKILLS	1. Conducted Lectures and Practical in various Civil Engineering subjects in College of Engineering Pune & IIT Bombay. 2. Conducted private coaching in Sanskrit and various subjects in Engineering and Management. 3. Conducted personnel training session for NIIT (Khopoli) students.		
ORGANIZATIONAL SKILLS	1. Coordinator for GPS Training courses conducted by CEP, IIT Bombay. 2. Efficient planning and execution of all the GPS field works during Research Fellowship in I.I.T. Bombay. 3. Presided as the secretary of Civil Engineering Students Association during graduation.		

ART / SOCIAL SKILLS	<ol style="list-style-type: none"> 1. Won prizes at essay writing, orating, singing, debate and quiz competitions. 2. Volunteered in cultural camps for school / college students in various social organizations. 3. Hobbies – Photography, astrology, music, literature, philosophy & travelling. 4. Participated in World Cyber Games.
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All the information presented above is true to my knowledge.

Kamath Mahendra H S