



Ata Jahangir Moshayedi

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- Ph.D,Electronic science in the field of mobile olfaction
 - Researcher, Department Of Electronic Scince,Uop, India
 - Visiting Faculty , Azad University Esfahan, Iran
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Date of birth: 27 Dec 1980

Place of born: Arak, Iran

Email: Academic: moshayedi@iaukhsh.ac.ir ,moshayedi@electronics.unipune.ac.in , moshayedi.a.1980@ieee.org
Personal: moshaydi@gmail.com

1. EDUCATION

- **Dec 2009- March 2015** **Ph.D.:** PUNE UNINVERSTY ,Pune, INDIA
Department of electronic science
Ph.D in electronic science
Supervisors: **Prof. D.C.Gharpure**
Ph.D. Thesis: **Design and Development of Odor localization system for Gas leakage detection**
 - Research methodology (A);Digital Systems (A);Embedded System Design(A);
 - Guide's course: Artificial inteligent (B)**Total 20 credit**
 - **May 2007– July 2009** **M.Sc.:** Pune Uninversity, Pune, India
Department Of Instrumentation Science
M.Sc. In Instrumentation,5th ranking in my batch
Supervisor: **DR Dhananjay Bodas**
Co-Advisor: **Mr. PRAVEEN KUMAR SINGH** (PES INDIA, Industry)
M.Sc. Thesis: **Ethernet Solutions For low Cost web based SCADA System Integrators to EMS (Electrical Management System)**
MSc Seminar Topic: **Application of Neural network wrt to Kohonen's model in Instrumentation** ,
Courses: 1.Sensors, Transducers and Actuators for Instrumentation, 2.Signal Conditioning, Processing and Interfacing techniques (B), **3.Principles** of Test and Measuring Instruments (B)
4.Lower Electronics(B),5.Process Control and Automation (A),Computer Aided Design Techniques for Instrumentation (B),Optical Instrumentation and Photonics(B),Instrument organization and Ergonomics(B),PCB Based instrumentation (A),ROBOTIC(A),Seminar (A)
- Cumulative Average: 4.48 /6 B grade (**Thesis: Excellent: O**; Industrial Project **_O**) **Total 99 credit**
- **Oct 1999_June 2004** **BE** Azad University of Khomeini Shahr, Isfahan, Iran
BE in Power electrical Engineering,
Supervisor: Prof. **Jafar . Soltani Zamani**
B.Sc. Thesis: **fuzzy PI controller for DC motor (intelligent DC drive)** Thesis: 19/20
 - **Oct 1998– July 1999** NADERIAN Pre-university, Isfahan, Iran
 - Pre University Diploma in Mathematics and Physics Iran
 - **Oct 1995 – July 1998** ADAB HIGHSCHOOL, Isfahan, Iran
Diploma in Mathematics and Physics,
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2. FIELDS OF INTEREST

- Mobile Robot Olfaction
- Plume Tracking
- Robotics
- Sensor modeling
- Artificial Intelligence
- Soft Computing
- Neural Network and Fuzzy Logic
- Embedded System and Automation
- Power electronic

3. HONORS / AWARDS

- First awarded paper for paper in energy conference, Azad University khomainishahr, 2015
- First awarded Design for design and development of Solar Refrigerator from Young Researchers and Elite Club, 2016
- Founder of Kahroba Sante Espadan (KSE), elite company
- Design and development of portable water wall video metric system
- Distinguished student from representor of science and education, Iran
 - During MSC course 2008, 2009
 - Ph.D. Course 2010, 2011, 2013, 2014 (silver grade)
- Avishkar 2012_OMC (odor movie camera) selected for round III state level from Pune university
- Ranked 5th in MSC, Department of instrumentation science (among 47 participants)
- Avishkar 2009, Design and development of fuzzy spin coater (team working) selected for round III state level from Pune university
- Candidate as the selected presentation for the interview of scientific prize of satish bihadte, Pune university, 2009
- Distinguished Staff in T/L (transmission line) section in BARSAN company, 2006
- Candidate for the Khwarizmi Science Prize 2005 Selected research topic from Azad University for design and implementation of Labyrinth robot, Iran (team working)

4. INVITED PRESENTATIONS

- *How to give the scientific referencing With The Help Of MENDELAY*, Department of dental, Isfahan university, Iran, Dec 2014
- *How to give the scientific referencing With The Help Of MENDELAY*, Azad University, Khomeini shahr university, Isfahan, Iran, Dec 2014
- *Referencing And Methods For Referencing In Research Work With The Help Of MENDELAY*, Department of scientific Computation, UOP, INDIA, Dec 2013
- INTRODUCTION TO LATEX, Department of electronics science, Pune university, Sep 2013
- *Simulation of intelligent control modeling for DC motor in Matlab version 6.5.13*, 2nd Electrical engineering student conference in Shariyaty University October of 2004

5. TEACHING AND ACADEMIC EXPERIENCES

Supervisor:

2014_ till now ; NO of project: 6 student; Azad University, Khomeini shahr, Isfahan, IRAN

B.E. Thesis (selected):

- "Design and Implementation of Automation for small agricultures Mushroom Plan"
- "Design and Implementation of a Tracking Systems for Alzheimer patients"
- "Design and Implementation of a Low Cost Scada Systems for small industries"

M.E thesis

- Extract of new model for SnO₂ gas sensor based on PSO (running)
- Robot navigation based on bio algorithm (running)

Co_Supervisor:

2016: Azad University, Khomainsahar, CNC tools Pre Diagnostic system, Mechatronic Group (running)

2013; Eng. Collage Pune India, BE. Thesis (India): “Design and development of PIC microcontroller based Enose”

Teaching Courses:

Course	Subjects	Year	University Name
ME. Control Engraining ME. Mechatronics	Final Project Guide Advance Instrumentation, research methodology , Sensor and calibration in robots, Robotic research methology	Since 2014 4 semester	Azad University, Khomeini shahr University , Isfahan, IRAN
BE. Biomedical Engraining & Control Engraining	Final Project Guide Instrumentation ,Industrial Process, Microprocessor , Power Electronics, Test and measurement, Electronic Circuits, Digital , Microprocessor Lab ,Electronics Lab, Digital Lab, AC Lab, Special Course	9 semester Since 2010	
MSC. Electronics	Digital ; assistant of Prof D.C.Gharpure	۲۰۱۳ .1 semester	Pune University,India
BE power Electronics	Final Project Guide Power Electronics, ,Industrial Process, Power system analysis, Electronic Circuits, electronics, Electronic Circuits, Digital Lab, ,Industrial Process Lab, Test and measurement LAB, DC motor Lab	Since 2013 6 semester	Azad University, Doalt abad University Isfahan, IRAN
BE Robotic	Final Project Guide Sensor and robot actuators Robot control, Power electronics, Mechatronics	Since 2015 3 semester	Payam Noor, Isfahan branch
Be. Industrial process	Instrumentation and measurement Process control and PLC, Instrumentation Lab,	Since 2015 4 semester	Elemi Karbordi, Entekhab Center
BE. Biomedical Engraining	Computer architecture Design , Microprocessor, Electrical and Electronic measurement systems Computer architecture Design Lab , Microprocessor LAB FPGA LAB	Since 2015 3 semester	Raghib Isfahani Higher Education Institute

Conference reviewer:

ICEED2013, Malaysia, KUALA LUMPUR

CEAT 2013, Malaysia,

PEOCO2013/ Malaysia, Langkawi

ISCI 2013, Malaysia, Shah Alam.

ICEED2012 Malaysia

ISCAIE 2012 Malaysia, Penang,

PECON 2012 Malaysia,Universiti Teknologi MARA

ISIEA 2012 Indonesia, Bandung,

ICCAIE 2011 Malaysia, Penang

Char member Conference

- ICACSIT 2012 , PUNE INDIA , DECEMBER, 2012 ORGANIZED BY IRD INDIA
- ICAEEE 2012 , PUNE INDIA , DECEMBER, 2012 ORGANIZED BY IRD INDIA

6. Editor and Advisor

Journal Editorial team

- since 2013: Mendely adviosor
- Since 2012: International Journal of Applied Electronics in Physics & Robotics (IJAEP) , Australia
- 2001-2004 TARAVOSH magazine local research magazine ,Khomeini Shari university ,Iran

7. Member in scientific society:

- Since 2015: Azad university Young Researchers and Elite Club
- Since 2014: Life Time (LM) Member Speed Society
- since 2008 :IEEE (Graduate Student membership,
- since 2008:IEEE INSTRUMENTATION Society
- since 2008 :IEEE Communication Society
- since 2007: Life Time (LM) member " INSTRUMENTATION OF INDIA "
- 2004.2006 : Iranian association of electrical and electronic engineers
- 2002-2004:Electrical society group ,Azad University Khomeynishahr (Founder and member)

8. Industrial Work Experience:

- **March 2015 – now :** **Kahroba Sanat Espadan, Isfahan, Iran**
Chief Manager and Founder of Knowledge economy
- **2014 JAN- _March 2015:** **Entekhab Industries Group, Isfahan, Iran**
Position: R&D Group, Department of Electrical
- **2007-2009:** **Pratham embedded solution, Pune ,India**
Position: Training & project place for MSC degree,
In the field of testing and calibration, process control and automation

Some of the selected Project

- Shryeea biotech, Mumbai ,
- Alkyl amine AMC for the scada and plc system for boiler and turbine,
- Shree plastics for leak testing equipment
- Shree plastic for contact type welding machine
- Pepepi plan(chamber Mumbai) for CIP controller system
- Bajaj auto plc based turn table
- Sineghad enegeeraing collage for the power bill management and audit
- Mindera automation for the fixture and wire test equipment
- Century Rayon 900 tags SCADA system for energy meters
- Subhas chemical 300 tags scada system for 12 reactors monitoring and control
- Sadhana nitro chem. Site job for reactor monitoring and control
- **2005–2007 :** **BARSAN: TEHRAN_IRAN www.barsan.co.ir**
2006- 2007 Position: Project Manager
Cement Naeen 63 KV transmission line (15 km): Finished
Cement Nahavand 63 KV transmission line (20 km): Finished
2005_ 2005 Position: engineer project
Consulting of 63 KV transmission line & substation of cement of Naeen (15 km): Finished
2005_ 2007 Position: engineer project & project coordinator
Toos _ shriven _ Esfaraeen 400 KV transmission line (235 km_ EPC)
*First DBF project in Iran in power ministry
- **2006 – 2006 GARB NIROO : TEHRAN_IRAN (Part time)**
Position Consultant
LARIJAN _ RINEH 63 KV transmission line (20 km): Finished
- **2004 – 2005 MOSHANIR : TEHRAN_IRAN www.moshanir.com**
Position: engineer project for transmission line & underground cable
1. BESAT _ KALAN 230 KV transmission line (20 km_ Turnkey)
2. Parand_ Qom_ Saveh 230 KV transmission line (20 km_ Turnkey): Finished
3. Qom2_ Qom3 230 KV transmission line (235 km_ Turnkey): Finished
- **2004 – 2004 SHAHZAND POWER PLANT : Arak_IRAN 3 month**
Position: LV/HV Maintenance section

9. Completed Research Projects

- 2016-2016 **Espad Fighter robot for the 3rd Iranian national Robotic games, Neyshabor**
Sponsored by Azad University_Khomaini shahr
- 2016-2016 **Design and development of Arduino based Enose**
Sponsored by Azad University_Khomaini shahr
- 2015-201⁵ **Espad Niroom_The first android based Power plan application in Iran**
Sponsored by KSE Company(<http://www.ana.ir/news/97395>)
- 2015-2015 **Design of Solar refrigerator(130wat) ,Sponsored by KSE Company**
- 2015-2015 **Design and development of Alzheimer's patients tracking device**
Sponsored by KSE Company(<http://www.ana.ir/news/83290> ,)
- 2014-2014 **Design and Development android based Automation system for the Mushroom small farm ,**
Sponsored by Azad university, Dolat abad University
- 2014-2014 **Design the Lab view based on line functional simulator for refrigerator product**
Sponsored by ENTEKHAB Industrial Group,
- 2014-2014 **Design the Realy Life sensor tester**
Sponsored by Entekhab Industrial Group,
- 2014-2014 **Design the Heater connection tester for the refrigerator product**
Sponsored by Entekhab Industrial Group,
- 2014-2014 **Design the Hydrostat sensor tester for the washing machine product**
Sponsored by Entekhab Industrial Group,
- 2012-2012 **Odor Movie Camera(OMC) ,**
Sponsored by Department of electronic science Pune University,
Supervisor: Prof D.C.Gharpure
Selected for 3rd of Avishkar, Maharashtra state, Pune
Group students name: Ata Jahangir Moshayedi, Ankush shingade,
Minakshe salpure
- 2009-2009 **Low Cost Paperless recorder (data logger) performs as the small SCADA**
Sponsored by PRATHAM EMBEDDED SOLUTION PES
Supervisor: Dr.D.Bodas, P.singh
- 2009-2009 **Design, Development And Fabrication For Fuzzy Spin Coating System ,**
Sponsored by Department of Instrumentation Pune University,
Supervisor: DR Dhananjay Bodas
Selected for 2rd of Avishkar, University of Pune, Pune
National Symposium on Instrumentation NSI 33, Hayderabad, Dec 2008
My activity: driving the dc motor and implement of Fuzzy PWM,
Group students name: Ata Jahangir Moshayedi, Devishri Narayanan,
Vinayak Nikam, Preetesh Tarte, and Dhananjay Bodas
- 2009-2009 **Low Cost easy Electrical Management web beased System analyzer base on Matlab,**
Sponsored by PRATHAM EMBEDDED SOLUTION PES
.supervisor: Dr.D.Bodas, P.singh
- 2008-2008 **DESIGN THE EMBEDDED SOLAR TRACKING SYSTEM**
Department of environmental Science UOP
Supervisor: Dr Vijay Raybagkar,2008
- 2003- 2004 **Finishing 3 research topic about line following robot and labyrinth robot**
Azad University of Khomeini Shahr University
Supervisor; Dr mehran Emadi andani

ROBOTIC MATCH

- 3rd Iranian national Robotic games, Neyshabor , Sep 2016 supervisor and team member
- Ghochan robotic competition , Dec 2015 supervisor and team member

- Company at 2nd Iran Open Robotic competition HELLI CUP in March of 2004 with name of IRD team in line following group and decoder Mice group
- Participate at 2nd Nationwide Robotic in Azad university of Dezfol November of 2002 with name of IRD team in line following group & special class And take degree 5 in Iran at special class
- Participate at 3rd Nationwide Robotic Races of Intelligent Mice in Najaf abad Azad university August of 2002 with name of IRD team in line following group
- Participate at 2nd Nationwide Robotic Races in Santa electric Shiraz University September of 2001 with name of IRD team in line following group
- Participate at first international ROBO DEMINER competition in Amirkabir University of Tehran 19-21 August 2001 with name of E_Art team

10.Special Courses

1. Teaching criteria and challenges, elemi karbordi university, Iran Isfahan, 2016
2. Two days courses On New energy sources and technology ,chinchowad engineering coullage,pune,india 2014
3. Two days courses, Instrumentation And Robotic Surgery 2012, Maharashtra, Pune ,India
4. LabVIEW, Ni, Since 2009-2013, Maharashtra ,Pune ,India
5. One day course , Matlab & Simulink For Engineering, Math Works 2012, Pune, Maharashtra ,India
6. One day course RESEARCH METHODOLOGY ,Ferguson Collage, Pune, Maharashtra ,India
7. One day course, Reliability and High temp sensor, ISPTS 2011, Pune ,India
8. One day course, LINUX,Cms Center Pune University,2011, Pune, Maharashtra ,India
9. Two days courses, SCADA ,PLC, Pune University,2007
10. Two days courses, iso9001-2000, barsan Company, 2007

11.PUBLICATIONS

A. PAPERS PRESENTED AT THE NATIONAL CONFERENCES:

Indian

- M. V. Kukade, **Moshayedi Ata Jahangir**, D. C. Gharpure, Electronic-nose (E-nose) for recognition of Cardamom, Nutmeg and Clove oil odor, Electronics and its Interdisciplinary Applications (NC AE IA - 2014), Fergusson College, Pune, Maharashtra, 2014
- Shingade. Ankush, **Moshayedi Ata Jahangir**, Gharpure. D. C. ,”Development of E-nose for inspection of spices”, National conference on olfaction and E_nose, April 2012, Bangulure
- **Moshayedi Ata Jahangir**, Bodas D., singh. P. ,” Low Cost easy Electrical Management System analyzer base on Matlab and web based,”, The 14th Raman Memorial Conference , Department of Physics, University of Pune, 26th, 27th Feb 2009
- **Moshayedi Ata Jahangir**, Devishri Narayanan, Vinayak Nikam, Preetesh Tarte, and Dhananjay Bodas ,“ Design, development and fabrication for fuzzy spin coating system”, National Symposium on Instrumentation ,NSI 33,Hayderabad, Dec 2008

B. Iranian (Mainly in Persian language)

- Kazemi Ensiyeh., **Moshayedi Ata Jahangir**, Tabatabaee mohammad.,”Design and Development of Arduino Enose Base ” shiraz university Jun 2016
- Heydaran Z, **Moshayedi Ata Jahangir** ,”Design and development of Android based Automation system for Mushroom farm” First International Conference on Advances Research on Electrical and Computer Engineering, Amir kabir University , May 12, 2016
- Kazemi Ensiyeh, **Moshayedi Ata Jahangir**, Tabatabaee mohammad., Review on Gas sensors modeling and applications ” shiraz university July 2016
- Abbasi Amin, **Moshayedi Ata Jahangir**” the Bio inspired algorithm in trajectory and guide of robots”, 8th conference of mechanical engineering, azad university, khomaini shahr, march 2016,

- Valibeygi s, **Moshayedi Ata Jahangir**,” the Arduino Base Solar tracker Robot” , national conference of energy, nov, 2015
- Heydaran Z, **Moshayedi Ata Jahangir**,Zeynedin elae,”Design and development of Automation for small Mushroom farm” the 3st Conference on New Research achievements in electrical ,Khorasgan azad university ,Dec 2014
- Heydaran Z,, **Moshayedi Ata Jahangir**,”The ANN synchron Motor control simulation” the 3st Conference on New Research achievements in electrical ,Khorasgan azad university ,Dec 2014
- **Moshayedi Ata Jahangir**, ali tofigh , “Designing Globally Convergent optimization neural network, ” 3rd intelligent system student conference in Khaje Nasir Tosi (KNUT) University ,2002,

C. PAPERS PRESENTED AT THE INTERNATIONAL CONFERENCES:

- Heydaran Z,, **Moshayedi Ata Jahangir**, ”Design and Development of android based automation for mushroom farm” the 1st international Conference on New Research achievements in electrical and computer engineering, Amir kabir university july 2016
- Kazemi F., **Moshayedi Ata Jahangir**,Tabatabaee Mohammad, ”Design and Development of Arduino based Enose”, EE2016, Tehran university,2016
- **A. J. Moshayedi** ,A Toudeshki,and D. C. Gharpure,” Mathematical Modeling for SnO₂ Gas Sensor Based on Second Order Response, IEEE Symposium on Industrial Electronics & Applications – ISIEA, Penang, Malaysia, ieeexplore, September 2013,
- Sai’d, Y. A., Ramli, A. R., Ahmad, S. A., Toudeshki, A, & Moshayedi, A. J. (2013). A New Mathematical Model for Mapping Indoor Environment. International Journal of Advancements in Mechanical and Aeronautical Engineering-IJAMAE, 1(1), 36–39.
- **A. J. Moshayedi** and D. C. Gharpure, “Priority based algorithm for Plume tracking Robot,” 1st International Symposium on Physics and Technology of Sensors (ISPTS), Pune , India, ieeexplore, pp. 51 - 54, 2012
- **A. J. Moshayedi** and D. C. Gharpure, ” PPMS as an easy position monitoring for indoor robot application “, Research and New Perspectives on Developing Sciences, Pune , India , proceeding vol1 no 1 pp 37, 2012
- **A. J. Moshayedi** and D. C. Gharpure, “Development of Position Monitoring system for studying performance of wind tracking algorithms,” 7th German Conference on Robotics; ROBOTIKA, Munich, Germany, ieeexplore , pp. 51 – 54, 2012.
- **A. J. Moshayedi** and D. C. Gharpure, “Design and development of wind tracker,” IEEE International Conference on Computer Applications and Industrial Electronics (ICCAIE) , Penang, Malaysia, ieeexplore, pp. 36 – 40, 2011

D. Journal publications

- Heydaran Z, n, **Moshayedi Ata Jahangir**, “HMI Design for the Induction furnace”Sakht toolid magazine,2014
- OT Esfahani, **AJ Moshayedi**,” Design and Development of Arduino healthcare tracker system for Alzheimer patients” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ,ISSN: 2278-3075, Volume-5 Issue-4, September 2015
- Seyed Reza Hashemi,**Ata Jahangir Moshayedi**”LAB View Based Smart Washing Machine Analyzer for Energy Consumption Features”, springer to under published 2015
- **A. J. Moshayedi** and D. C. Gharpure ,” Review on: Odor Localization Robot Aspect and Obstacles*” IJMERE(International Journal on Mechanical Engineering and Robotics) Journal ISSN (Print) : 2321-5747, Volume-2, Issue-6,2014
- OT Esfahani, **AJ Moshayedi**, Accuracy of the Positioning Systems for the Tracking of Alzheimer's Patients-A Review; International Journal of Applied Electronics in Physics & Robotics 2 (2), 10-16, 2014

- **A. J. Moshayedi** and D. C. Gharpure ,”Implementing breath to improve the response of gas sensors for leak detection in plume tracker robots , AISC (Advances in Intelligent Systems and Computing) Springer ,2014
- **A. J. Moshayedi** and D. C. Gharpure, “Path and Position Monitoring Tool for Indoor Robot Application,” International Journal of Applied Electronics in Physics & Robotics, vol. 1, no. 1, pp10-13, 2013.
- **A. J. Moshayedi** ,F Ahmadi and D. C. Gharpure, “Utilizing the Job Expanding Algorithm in Mokhtar Plume Tracker”, International Journal of Applied Electronics in Physics & Robotics, vol. 1, no. 2, pp1-2, 2013
- **A. J. Moshayedi** ,F Ahmadi and D. C. Gharpure , A.D.Shaligram” Design and development of Mokhtar wind tracker ”, International Journal of Soft Computing and Engineering (IJSCE),pp 168-173,Volume-3, Issue-5, November 2013

E. Book and Manual

Books:

- 2016** Enjoy the Arduino programming (published) **ISBN : 6-220-218-964-978**
- 2016** THE ROBOTIC FUNDAMENTAL, (under publish)

Lab Manual

- 2010: Ac current Lab experiment practical book, Azad University of Khomeini Shahr University, Isfahan, Iran
- 2015: Industrial Process Lab (PLC) Experiment Practical Book, Azad University Of Dolat Abad, Isfahan, Iran
- 2016: Microprocessor (AVR) experiment practical book Azad University of Khomeini Shahr University, Isfahan, Iran
- 2016: FPGA experiment practical book ,Rageb university, Isfahan, Iran

F. Internal Reports

- **Moshayedi A.J**, M.b Barakatain., "the bldc motor drives way and challenges” Entekhab industrial Group, Iran, 2014.
- **Moshayedi A.J**, M.b Barakatain, b.Kiyani., "THE Buck Circuit simulation and analyzation for refrigerator evaporator speed controlling” Entekhab industrial Group, , Iran, 2014.
- Emadi Andani M., **Moshayedi A.J**, Iranmehr H., Sepehrjoo E., "Design and Implementation of a Line Following Robot Islamic Azad University, Khomeinishahr branch, , Iran, 2005.

G. YouTube link

1. Mokhtar_odor localizer: <https://www.youtube.com/watch?v=xm2dIGcHsAQ>
2. Mokhtar odor localizer A to z: <http://www.youtube.com/watch?v=VgFuMXvB488>
3. What is Enose (Electronic Nose)? <http://www.youtube.com/watch?v=lyxG1blS9Ck>

Mokhtar robot platform initial stages:

- <http://www.youtube.com/watch?v=KEN6NBaWARI>
- <http://www.youtube.com/watch?v=uxyjtdE-V38>
- <http://www.youtube.com/watch?v=M4kwn7Zm3gY>
- http://www.youtube.com/watch?v=73Ejtwr_ePc
- <http://www.youtube.com/watch?v=EWt1GHLAc38>: Spiral movement
- <http://www.youtube.com/watch?v=s9myB6VkIIU> : Zig zag movement
- <http://www.youtube.com/watch?v=s256FdxSV4U>

H. Public Tutorial on net and Talk

- Atom and kaheskhan, Radio Isfahan, about pipe Video metric inspection system,2016
- Atom and kaheskhan, Radio Isfahan, Alzymer tracker system ,2016
- LATEX; Hands On workshop, August 2013
- Over look to Genetic algorithm, Ata Jahangir Moshayedi,2013

- Brief comparison between 8051 and AVR, Ata Jahangir Moshayedi,2013

12. Skills Computing and Programming

- Languages programming: Arduino, C,C++, Assembly, Matlab, Simulink, LabView, Outolips, Dynamic c, VB,Delphi7, AutoCAD, Orcad, Ms Project,Photoshop
- Operating system: windows, dos, offices
- code vison, keli cross compiler for 8051, pcb design orcad, altium designer
- Advance user of windows os

Languages: English (Fluent), Persian (native), Arabic (Intermediate), Hindi (Upper Intermediate)

13. References (will be available upon request):

- **Prof D.C.Gharpure (Ph.D research Guide) dcg @electronics.unipune.ac.in**
Department of electronic scinse ,UOP,India
- **Prof A.D.shaligram (HOD of Does) ads@electronics.unipune.ac.in**
Department of electronic scinse ,UOP,India
- **DR Dehanjay Bodas dsb@usic.unipune.ernet.in**
Associate Professor, Instrumentation Department, Pune University, Pune
- **Dr Vijay Raybagkar raybagkars@gmail.com**
Dept of Instrumentation Science, University of Pune, India
- **Dr Bhagyashree P. Joshi bpj@usic.unipune.ernet.in**
Lecturer ,Instrumentation Department, Pune University, Pune
- **DR Mehran.Emadi mehranemadi@yahoo.com**
- Associate Researcher, Faculty of Motor Science, University of Verona, Verona, Italy
- Assistant Professor, Department of Biomedical Engineering, University of Isfahan, Esfahan, Iran
Electrical Department ,Isfahan university _Isfahan /Iran
- **Prof J. Soltani (B.E Guide) soltani@um.edu.my**
Electrical Department , Isfahan University of Technology , Isfahan , Iran
- **DR Mahmood.Arshadinejad arshadinejad45@yahoo.com**
Electrical Department , Maleke Ashtar University of Technology , Isfahan , Iran
- **DR.Tarigue tarigue_doctrine@yahoo.com**
Mechanical Department , Khomeini Shahr University , Azad University , Isfahan , Iran