



Ata Jahangir Moshayedi



Ph.D., Electronic Science In The Field Of Mobile Olfaction

Current Position:

- Prof Associate, School Of Information Engineering, Jiangxi University Of Science And Technology, China.

Current Project: Service robot design and development

Past Position:

- Visiting Faculty, Azad University Isfahan, Iran

- Researcher, Rah kooshan Espadan, Isfahan, Iran

ResearcherID:

ORCID:

0000-0002-9457-6267

Web of Science :

F-7661-2015

Scholar Page:

- https://cc.glgoo.top/citations?hl=zh-CN&user=nLz_vcoAAAAJ

- http://scholar.google.com.my/citations?user=nLz_vcoAAAAJ&hl=en

Date of birth:

27 Dec 1980

Contact Number:

Iran (+98) 9389257756

Place of born:

Arak, Iran

Web Page:

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drajm@QQ.com

1. EDUCATION

Start	Dec 2009	Ph.D	Savtri bai phule PUNE UNINVERSITY (formerly named Pune university) ,Pune, INDIA
End	March 2015	Department of electronic science <i>Ph.D. in electronic science</i>	
Ph.D. Thesis:		<i>Design and Development of Odor localization system for Gas leakage detection</i>	
Selected course:		Research methodology (A); Digital Systems (A); Embedded System Design (A); Guide's course: Artificial intelligent (B)	
Total 20 credit			
Start	May 2007	M.Sc.	Savtri bai phule PUNE UNINVERSITY (formerly named Pune university) ,Pune, INDIA
End	July 2009	Department Of Instrumentation Science, <i>M.Sc. In Instrumentation</i> , 5th ranking in my batch	
M.Sc. Thesis		Supervisor: DR Dhananjay Bodas , Co-Advisor: Mr. PRAVEEN KUMAR SINGH (PES INDIA, Industry)	
MSc Seminar Topic		Ethernet Solutions For low Cost web based SCADA System Integrators to EMS (Electrical Management System)	
Selected course:		Sensors, Transducers and Actuators for Instrumentation, (B) Principles of Test and Measuring Instruments (B) Signal Conditioning, Processing and Interfacing techniques Power Electronics (B) 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 100 credit			
Oct 1999	June 2004	BE	Azad University of Khomeini Shahr, Isfahan, Iran
		Deaprtment of electrical engineering	
		BE in Power electrical Engineering,	
		Supervisor: Prof. Jafar. Soltani Zamani	
BE Thesis		fuzzy PI controller for DC motor (intelligent DC drive) Thesis: 19/20	
Total 151 credit			
Oct 1998–	July 1999	Pre university	NADERIAN Pre-university, Isfahan, Iran
		Pre University Diploma in Mathematics and Physics Iran	
Oct 1995 –	July 1998	Diploma	ADAB HIGHSCHOOL, Isfahan, Iran
		Diploma in Mathematics and Physics,	

2. FIELDS OF INTEREST BASED ON PUBLICATION AND PROJECTS

- Robotics and Automation/ Sensor modeling /Bio inspired robot
 - Mobile Robot Olfaction/Plume Tracking
 - Embedded System / Machine vision based Systems /Virtual reality
 - Machine vision/Artificial Intelligence
 - Intelligent buildings
 - Soft Computing
 - Cognitive science and biologically motivated systems
 - Neural Network and Fuzzy Logic /Power electronic
-

3. HONORS / AWARDS

- 2021 年中国大学生计算机设计大赛, 国家级三等奖, 省级二等级 2021 China College Students Computer Design Competition, National Third Prize, Provincial Second Level(PEA: 基于疫情的在线考试助手 PEA 软件 V1.0)
- 2021 National Festival of Creativity, Innovation and Entrepreneurship,Prize name: Ideas worthy of international acclaim (stideas.ir)IRANClassroom Automatic Attendance system
- 2021:中国计算机设计大赛智能服务机器人挑战赛 China Computer Design Competition Intelligent Service Robot Challenge, Cloud robot based match, rank : State Level passed waiting for next result
- **2019_2020 第 11 届中国大学生服务外包创新创业大赛,The 11th China College Students Service Outsourcing Innovation and Entrepreneurship**, Competition, Webpage: <http://www.fwwb.org.cn>, Rank: Second prize in central China area
- **2019_2020 年全国大学生“互联网+”创新大赛 暨第七届“发现杯”全国大学生互联网软件设计大奖 national University Students "Internet " Innovation Competition and the 7th "Discovery Cup" National College Students Internet Software Design Competition in 2019**, web page: <http://www.dajiangsai.org/>,Award information website:<http://www.dajiangsai.org/news/0512-1440.html>, rank: Second prize in Central China.
- **Best Invention for “Design of ergonomic mattress recognizer system ”** in 7th festival of inventors imitator innovators Azad university,5-7 March,2019NajafAbad branch, Iran
- **Best robot Demo presentation in International Conference on Advanced Robotics and Intelligent Control (ICARIC 2018)**Jishou, Hunan, China. 11-14 Oct 2018
- **3rd rank IRANOPEN 2018;** international ROBOTIC GAME UAV OUTDOOR, Tehran, Iran ,March 2018
- **Best paper presentation(2 paper)** ; The fifth international conference of electrical engineering and computer with emphasis of native knowledge, Alame tabatabae ,Feb 2018
- **Selected Design** ,Pipe inspection Robot, ICROM 2017,The 5th International Conference on Robotics and Mechatronics, Tehran, Iran November, 2017
- Distinguished member of Young Researchers and Elite Club , 2017,2018
- Distinguished member of Roshd center, Azad University Khomeinishahr, Iran 2017,2018
- First awarded paper in energy conference, Azad University khomeinishahr, ,Iran 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, ,Iran 2015
- 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 ,India
- Ranked 5 th in MSC , Department of instrumentation science (among 47 participants) ,India
- Avishkar 2009,Design and development of fuzzy spin coater (team working) selected for round III state level from Pune university India
- Candida 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, Tehran, Iran,2006
- Candidate for the Khwarizmi Science Prize 2005 Selected research topic from Azad University for design and implementation of Labyrinth robot , Iran

4. INVITED PRESENTATIONS /TALK AND KEY NOTE SPEAKER

- Keynote speaker “ **Title: *Enose(electronic Nose) from zero to end and its application in odor localization*** ”, The 2021 International Conference on Testing Technology and Automation Engineering (TTAE 2021) 20-22 August, 2021, Guangzhou, China.
- Keynote speaker “ **Title: *Enose(electronic Nose) from zero to end and its application in odor localization and Agriculture*** ”, The 2021 Workshop on Agricultural Sensors and Measurement Technology, Henan, China.
- Keynote speaker “ Title: Gas Sensor Modelling From Simple Equation To Electronic Nose Challenges ”,The 2021 International Conference on Sensors and Instruments (ICSI2021) May 28-30, 2021 Qingdao, China.
- Keynote speaker “ **Title:Plume Tracking Missions And Obstacles In Robotic World**”,5th International Conference On Intelligent Computing And Signal Processing, Mar.20-22 2020, Suzhou, China(one line).
- Key note Speaker “**Plume Tracking Missions And Obstacles In Robotic World** “, International Conference on Advanced Robotics and Intelligent Control (ICARIC 2018),11-14 OCT_2018 Jishou, Hunan, China
- Speech” **Bio inspires robotics challenges and design**”, Iran Research week, Azad University, Ahvaz branch, Ahvaz, Iran, Dec 2017
- Speech” **Research and its scientific referencing** “, Iran Research week, Department of bio medical Eng., Isfahan university, Iran, November 2015.
- One day Workshop,” **How to give the scientific referencing With the Help of MENDELy**” Iran Research week, Iran Research week, Department of dental, Isfahan university, Iran, Dec 2014.
- One day Workshop,” **Mendely reference manager TOOL**” Iran Research week, Iran Research week, Department of dental, Isfahan university, Iran, Dec 2014.
- One day Workshop,” **Scientific research paper and Mendely reference manager TOOL**”, Pune University, Department of information study, India, July 2013.
- One day Workshop, ” **Hands on LATEX**”, Pune University , Department of electronic Science study, India, July 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
- Over look to Genetic algorithm, Ata Jahangir Moshayedi,2013
- Brief comparison between 8051 and AVR, Ata Jahangir Moshayedi,2013

5. TEACHING AND ACADEMIC EXPERIENCES

Supervisor: 2016_ till now; M.E thesis (Number of Student: 12)
2014_ till now; B.E. Thesis: (Number of Student: 20)

Selected registered Topic as Guide

N O	Topic	Status	Thesis Course
1	Design and development of Sediment (start 2021)	Running	ME (Mechatronics. Eng)
2	Design and development of Tree climber Robot (start 2020)		
3	Novel image processing method in UAV to find the objects		
4	Design and development of portable finger print based system as the Identification system	Finished	ME(Information Technology ,ENG)
5	Design and implement of ergonomic mattress selector		
6	Improvement of Energy Efficient and Link Stability based Multi Path Routing Protocol in Mobile Ad-hoc Networks Using by Link Expiration Time and SINR		
7	Design and Implement of Bio tracking algorithm on Kepera model robot platform		
8	The Quadrotor Dynamic Modeling and Study of Meta-Heuristic Algorithms Performance on Optimization of PID Controller Index to Control Angles and Tracking the Route		
9	Design and implement of ergonomic mattress selector		
10	Design and implement of Level control of Boiler Drum with the help of adaptive PID controller and Drum system identification		

11	Design ,Simulation and implementation of Quad copter, optimized PID controller with the Help of Bio tracking algorithm		ME(Control eng)
12	Design and implement of horizontal and vertical variable size pipe robot inspector		ME (Mechatronics. Eng)
13	Extract of new model for Sno2 gas sensor based on humidity temperature and PPM		ME(Control eng)
14	Design and development of IOT based BP system		B.E. (electronic eng)
15	Design and Implement of solar tracker Arduino base robot		B.E. (Control eng)
16	Design and development of The Consciousness Driver Checker (CDC)		B.E. (Control eng)
17	Design and Implementation of Automation for small agricultures Mushroom Plan		B.E. (Control eng)
18	Design and Implementation of a Tracking Systems for Alzheimer patients		B.E. (Control eng)
19	Design and Implementation of a Low Cost Scada Systems for small industries		B.E. (Control eng).

Co_ Supervisor: Selected registered Topic as Co. Guide

NO	Topic	Status	Thesis Course
1	CNC tools Pre Diagnostic system,Azad University, Khomeinishahr, Iran	Finished	ME(Mechatronics eng)
2	Design and development of Virtual Dental surgical tools,Azad University, Khomeinishahr, Iran		ME(Mechatronics eng)
3	Design and development of firefighter UAV ,Azad University, Khomeinishahr, Iran		ME(Mechatronics eng)
4	Design and development of PIC microcontroller based Enose ,Eng. Collage Pune,India		BE (Electronic. Eng)

Teaching Courses:

Course	Subjects	Year	University Name
BE Computer Eng.	C/C++ programming language Digital system Design Desecrate mathematics Embedded system design Digital image processing Single chip design Mobile application programming	2018_since now 5 semester	Jiangxi university of science and technology ,China
ME. Control Engraining ME. Mechatronics	Final Project Guide Advance Instrumentation, research methodology , Sensor and calibration in robots, Robotic, research methodology, Artificial Neural Network	2014+2018 6 semester	Azad University, Khomeinishahr 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	11 semester 2010_2018	
MSC. Electronics	Digital System Design ; assistant of Prof D.C.Gharpure	.1 semester 2013_2013	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	2013_2018 8 semester	Azad University, Doalt abad University Isfahan, IRAN
BE Robotic	Final Project Guide Sensor and robot actuators Robot control, Power electronics, Mechatronics	2015_2018 5 semester	Payam Noor, Isfahan branch
Be. Industrial process	Instrumentation and measurement Process control and PLC, Instrumentation Lab,	2015_2018 5 semester	Elemi Karbordi, Entekhab Center, y , Isfahan, IRAN
BE. Biomedical Engraining	Computer architecture Design , Microprocessor, Electrical and Electronic measurement systems Computer architecture Design Lab , Microprocessor LAB FPGA LAB	2015_2018 5 semester	Raghib Isfahan Higher Education Institute y , Isfahan, IRAN
BE. Mechanical Engraining	Electronic and electrical base(1), Electronic and electrical base(2),Robotic , Mechatronic	2017_2018 3 semester	Danesh pajohan Higher Education Institute y , Isfahan, IRAN

6. Scientific society membership and activity:

Conference/Journal reviewer:

IJECE 2021
IJ-ICT 2021

ICEED2013, Malaysia, KUALA LUMPUR
ISCI 2013, Malaysia, Shah Alam.

PECON 2012 Malaysia,Universiti Teknologi MARA
IWoMR 2020, HKSRA

IJRA-IAES
BEEI 20-21

CEAT 2013, Malaysia,
ICEED2012 Malaysia

ISIEA 2012 Indonesia, Bandung,
3ICT2020 (Robotics, Computer Vision, and HCI)

TELKOMNIKA

PEOCO2013/ Malaysia, Langkawi
ISCAIE 2012 Malaysia, Penang,

ICCAIE 2011 Malaysia, Penang

IJECE 2021 (Electrical Power Engineering)
IJECS 2021

Chair member Conference

- **ICISCE 2019**, Shanghai, China.Dec 2019
- **CIVEMSA 2019**,Tinjia,China Jun 2019
- **ICACSIT 2012**, PUNE INDIA , DECEMBER, 2012 ORGANIZED BY IRD INDIA
- **ICAEEE 2012** , PUNE INDIA , DECEMBER, 2012 ORGANIZED BY IRD INDIA

Editor and Advisor

Since 2019

- *Remote Sensing* — Open Access Journal impact 4.18
Special Issue "Advanced Machine Learning Techniques for High-Resolution Remote Sensing Data Analysis"
<https://www.mdpi.com/journal/remotesensing>
 - IEEE Access
 - ASTM
 - ACS Sensors

Since 2018

Editorial member of International Journal of robotics and control (IJR),
URL: <http://www.sciedupress.com/journal/index.php/ijrc/about/submissions#onlineSubmissions>
JSME(Azad university of Khomeini shahr)
URL: <http://jsme.iaukhsh.ac.ir/>

Since 2013

Mendely advisor
URL: <https://www.mendeley.com>

Since 2012

International Journal of Applied Electronics in Physics & Robotics (IJAEPR) , Australia
URL: <http://www.journals.aiac.org.au/index.php/IJAEPR>

Since 2001_2004

TARAVOSH magazine local research magazine ,Khomeini Shari university ,Iran

7. Member in scientific society:

Since 2019

IEEE Robotics and Automation Society Membership
IEEE Young Professionals

Since 2015

Azad University, Young Researchers And Elite Club, Iran

Since 2014

Life Time (LM) Member Speed Society,Pune,INDAI

Since 2008

IEEE (Graduate Student Membership) ,IEEE
IEEE INSTRUMENTATION Society ,IEEE
IEEE Communication Society ,IEEE

Since 2007

Life Time (LM) Member " INSTRUMENTATION OF INDIA ",India

2004.2006

Iranian association of electrical and electronic engineers, Iran

2002-2004

Electrical society group ,Azad University Khomeinishahr (Founder and member),Iran

8. Industrial Work Experience:

March 2017 – now

Rahkoshan Espadan (RKE) , Isfahan, Iran

Chief Manager and Founder of Knowledge Economy Company, www.rahkoshan.ir

March 2015 – 2017

Kahroba Sanat Espadan, Isfahan, Iran

Chief Manager and Founder of Knowledge Economy Company

2014 JAN_

Entekhab Industries Group, Isfahan, Iran

March 2015:

Position: R&D Group, Department of Electrical

Pratham embedded solution, Pune ,India

2007-2009

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
- Pepsi plan(chamber Mumbai) for CIP controller system
- Bajaj auto plc based turn table
- Sineghad engineering 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

BARSAN: TEHRAN_IRAN www.barsan.co.ir

2005–2007

Position: Project Manager

2006- 2007

Cement Naeen 63 KV transmission line (15 km): Finished

Cement Nahavand 63 KV transmission line (20 km): Finished

Position: engineer project

2005_ 2005

Consulting of 63 KV transmission line & substation of cement of Naeen (15 km): Finished

Position: engineer project & project coordinator

2005_ 2007

Toos _ shriven _ Esfaraeen 400 KV transmission line (235 km_ EPC)

*First DBF project in Iran in power ministry

GARB NIROO : TEHRAN_IRAN (Part time)

2006 – 2006

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. Selected Completed Research Projects

2019-now	Design And Development Of AGV Robot Sponsored by School Of Information Engineering, Jiangxi University Of Science And Technology, China.
2018-2019	Design And Development Of FOOD Delivery Robot Sponsored by School Of Information Engineering, Jiangxi University Of Science And Technology, China.
2016-2018	DADENEGHAR Niroom_ The Second android based Power plan application in Iran Sponsored by Shahid Mohammad montazeri power plant
2018-2018	Design And Fabrication Of Recognition System For Ergonomic Mattress And Pillow Sponsored by Azad University, Khomeini shahr branch, Isfahan, Iran
	Design And development of Kian robot(Low cost Kepera model) Sponsored by Azad University, Khomeini shahr branch, Isfahan, Iran
	Design and development of IOT based Smart home(KASHANEH) Sponsored by Kahroba Sanat Espadan, Isfahan, Iran
2016-2016	Design and development Consciousness Driver Checker (CDC) Sponsored by Azad University, Khomeini shahr branch, Isfahan, Iran
	Espad Fighter robot for the 3rd Iranian national Robotic games, Neyshabor Sponsored by Azad University, Khomeini shahr branch, Isfahan, Iran
	Design and development of Arduino based Enose Sponsored by Azad University, Khomeini shahr branch, Isfahan, Iran
2015-2016	Espad Niroom_ The first android based Power plan application in Iran Sponsored by Shahid mohammad montazeri power plant (http://www.ana.ir/news/97395)
2015-2015	Design of Solar refrigerator(130wat) Sponsored by Entekhab Elmi karbordi, university, Isfahan, KSE Company
	Design and development of Alzheimer's patients tracking device

2015-2015	Sponsored by Azad University, Khomeini shahr branch, Isfahan, Iran Design and development of Alzheimer's patients tracking device
2014-2014	Sponsored by Azad University, Khomeini shahr branch, Isfahan, Iran(http://www.ana.ir/news/83290) Design and Development android based Automation system for the Mushroom small farm Sponsored by Azad University, Doalt Abad Branch,Iran Design the Lab view based on line functional simulator for refrigerator product
2014-2014	Sponsored by ENTEKHAB Industrial Group, Design the Relays equipment's Life tester Sponsored by ENTEKHAB Industrial Group, , Isfahan, Iran Design the Heater connection tester for the refrigerator product Sponsored by ENTEKHAB Industrial Group, , Isfahan, Iran 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 Low Cost Paperless recorder (data logger) performs as the small SCADA Sponsored by PRATHAM EMBEDDED SOLUTION PES Supervisor: Dr.D.Bodas, P.singh 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,
2009-2009	Low Cost easy Electrical Management web based System analyzer base on Matlab, Sponsored by PRATHAM EMBEDDED SOLUTION PES Supervisor: DR Dhananjay Bodas
2008-2009	DESIGN THE EMBEDDED SOLAR TRACKING SYSTEM Sponsored by Department of environmental Science UOP Supervisor: Dr Vijay Raybagkar, 2008
2003- 2004	Finishing 3 research topic about line following robot and labyrinth robot Sponsored by Azad University of Khomeini Shahr University Supervisor; Dr Mehran Emadi andani

10. ROBOTIC MATCH

2018 March	IRANOPEN 2018 Sponsored by	Team Name: ATRON, Outdoor and Indoor UAV Azad University of Khomeini Shahr university 3 rd rank: OutDoor UAV section supervisor and team member
2018	SHARIF AIROPLANE Sponsored by	Team Name: ATLASS Azad University of Khomeini Shahr university 4 rd rank: OutDoor UAV section supervisor and team member
2016 SEP	3rd Iranian national Robotic games, Neyshabor Sponsored by	Team Name: Espad , Robo Fighter Azad University of Khomeini Shahr university supervisor and team member
2015 Dec	Ghochan robotic competition Sponsored by	Team Name: Espad, Line Following Robot Azad University of Khomeini Shahr university supervisor and team member
2004 Dec	2nd Iran Open Robotic competition HELLI CUP Sponsored by	Team Name: Irdteam Line Following Group And Power Mice Group Azad University of Khomeini Shahr university Team Head and team member
2002 NOV	2nd Nationwide Robotic in Azad university Dezfol Supervisor:	Dr Meharan Emadi Team Name: Irdteam Line Following ,Special class 5 rank in Iran at special class

	Sponsored by	Azad University of Khomeini Shahr university Team Head and team member
	Supervisor:	Dr Meharan Emadi
2002 Aug	3rd Nationwide Robotic Races of Intelligent Mice	Team Name: Irdteam Line Following
	Sponsored by	Azad University of Khomeini Shahr university Team Head and team member
	Supervisor:	Dr Meharan Emadi
2001 Sep	2nd Nationwide Robotic Races in Santa electric Shiraz University	Team Name: Irdteam Line Following
	Sponsored by	Azad University of Khomeini Shahr university Team Head and team member
	Supervisor:	Dr Meharan Emadi
2001 Aug	first international ROBO DEMINER competition in Amirkabir University of Tehran	Team Name: E_Art team ROBO DEMINER
	Sponsored by	Azad University of Khomeini Shahr university Team member
	Supervisor:	Dr Meharan Emadi

11. Special Courses

1. Python Programming course, Azad University of Khomeini Shahr university ,Iran,2018
2. UAV Course (introduction and design) , Azad University of Khomeini Shahr university ,Iran,2018
3. Teaching criteria and challenges, Elemi karbord university, Iran Isfahan, 2016
4. Two days courses On New energy sources and technology ,chinchowad engineering college ,Pune, India 2014
5. Two days courses, Instrumentation And Robotic Surgery, Maharashtra, Pune ,India,2012
6. LabVIEW, Ni,Maharashtra ,Pune ,India, Since 2009-2013,
7. One day course , Matlab & Simulink For Engineering, Math Works , Pune, Maharashtra ,India 2012,
8. One day course RESEARCH METHODOLOGY ,Ferguson Collage, Pune, Maharashtra ,India , 2012
9. One day course, Reliability and High temp sensor, ISPTS 2011, Pune ,India,2011
10. One day course, LINUX,Cms Center Pune University Pune, Maharashtra ,India,2011
11. Two days courses, SCADA ,PLC, Pune University,2007
12. Two days courses, iso9001-2000, barsan Company, 2007

12. PUBLICATIONS and Patent

Published Book	2
Patent and copy write	9
Papers records in Brief : Total: 74	
International Conferences	
• IEEE	16
• International Journals (Language: English)	20
• IRANIAN (ISC GARDE) (Language: Persian)	27
• Public Tutorial on net and Talk	11

A. Patent and copy write

1. Design And Fabrication Of Recognition System For Ergonomic Mattress And Pillow patent number: 96911:15-07-1397
2. Ata jahangir Moshayedi, Liao Lifa, Li Shuai, Chen Zuyan Saeed safara fard
阿塔贾汉吉尔莫沙耶迪 廖列法 李帅 陈祖炎 赛义德莎法拉法德(一种新型结构的管道机器人。专利号: 109854862A,
Title : A novel architecture pipe robot. Patent number: 109854862A)
3. FDR robot ,Ata jahangir Moshayedi, Liao Lifa, Li Shuai, Chen Zuyan

一种高度集成模块化设计的分布式系统嵌入式机器人 2019104181189,
A Highly Integrated Modular Design for Embedded Robot for Distributed System 2019104181189

copy write

4. Self-Lecture Attendance System 自学考勤系统,[简称: SLAS],登记号: 2020SR0058411
5. DDS_ Intelligent diagnosis system (智能诊断系统)(流水号: 2020R11L634180)
6. Automatic time and attendance system (自动点餐系统) 流水号: 2020R11L642900、
7. Table Tennis Assistant Referee System 流水号: 2020R11L634269
8. Automatic attendance system 流水号: 2020R11L634169
9. Automatic order analysis system (自动点餐分析系统(流水号: 2020R11L031964)

B. BOOK:

1	2019	Odors source localization system , lambart	<p>ISBN-13:978-613-9-44870-8 ISBN-10:6139448700 EAN:9786139448708 LAP LAMBERT Academic Publishing English Book language: English Number of pages:164 Published on:2019-04-02 Address: Heinrich-Böcking-Straße 6, 66121 Saarbrücken, Germany Phone: +49 681 9100698</p>
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2	2016	Enjoy the Arduino programming	<p>ISBN: 6-220-218-964-978 Publisher: Entekhab elmiKarbodi Language Persian Note : first academic book about Arduino in Iran</p>
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3	THE ROBOTIC FUNDAMENTAL	(under publish)
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Lab Manual

- | | | | |
|---|------|---|---|
| 1 | 2016 | FPGA experiment practical book ,Rageb university, Isfahan, Iran | <p>Publisher: BE student ,Rageb university, Isfahan, Iran
Language Persian</p> |
| 2 | 2016 | Microprocessor (AVR) experiment practical book | <p>Publisher: Azad University of Khomeini Shahr University, Isfahan, Iran
Language Persian</p> |
| 3 | 2015 | Industrial Process Lab (PLC) Experiment Practical Book | <p>Publisher: Azad University Of Doalt Abad, Isfahan, Iran
Language Persian</p> |
| 4 | 2010 | Ac current Lab experiment practical book, | <p>Publisher: Azad University Of Doalt Abad, Isfahan, Iran
Language Persian</p> |

C. PAPERS PRESENTED AT THE CONFERENCES:

A. PAPERS PRESENTED AT THE INTERNATIONAL CONFERENCES, IEEE level:

1. **Moshayedi Ata Jahangir** , J. Li and L. Liao, "Simulation study and PID Tune of Automated Guided Vehicles (AGV)," 2021 IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications (CIVEMSA), 2021, pp. 1-7, doi: 10.1109/CIVEMSA52099.2021.9493679
2. **Moshayedi Ata Jahangir** , Atanu Shuvam Roy, , Liefia Liao, Li Shuai “ Raspberry Pi SCADA Zonal based System for Agricultural Plant Monitoring”, ICISCE 2019 2019,DEC2019

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3. Hosseinzadeh Maziar, Moshayedi Ata Jahangir, " Design and development of ergonomic pillow" ", 3rd international electrical conference Tehran kharazmi university, oct 2018, (Persian, ISC level_Civilika)
4. **Moshayedi Ata Jahangir**,hosieni mohadese,rezaeDesign and development of WIFI_Arduino based massager, 3rd National conference on technology in elecreical and computer engineering , Payam nor university, 7 may 2018 , semnan iran (Persian, ISC level_Civilika)
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B. YouTube link

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3. What is Enose (Electronic Nose)? <http://www.youtube.com/watch?v=lyxG1blS9Ck>

Mokhtar robot platform initial stages:

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<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
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C. Public Tutorial on net and Talk (Persian)

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2. Isfahan Providence News, "Mokhtar robot", 2017
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7. LATEX; Hands On workshop, August 2013
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9. Brief comparison between 8051 and AVR, Ata Jahangir Moshayedi,2013

18.Skills Computing and Programming

- Languages programming:

Python, Arduino, MIT Mobile application development , C, C++, Assembly, Matlab, Simulink, LabView, Outlips, Dynamic c, VB, Delphi7, Digsilent, 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

-TL programming: Transmission line and substation design

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

19. References (will be available upon request):

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