

**JYOTI DEVIDAS PATIL**

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To take up a challenging career by being associated with an esteemed organization to secure a position as Lecturer. To evolve as a true professional working with your concern and come forward as a hard working and sincere person. I committed to use my proficiency skills to render purposeful, result-oriented service to the organization.

**PROFESSIONAL QUALIFICATION :**

Examination	Year	University	Percentage	Remark
M.Phil (Physics)	2007	Madhurai Kamraj University, Tamilnadu	-----	'B' Grade
M.Sc (Energy Studies in Physics)	Jan 2006	North Maharashtra University, Jalgaon	60.40 %	First Class
B.Sc (Physics)	April 2004	North Maharashtra University, Jalgaon	60.66 %	First Class
H.S.C.	2001	Nasik Board	50.00 %	Second Class
S.S.C.	1999	Nasik Board	70.13 %	Distinction

**1 Computer Basic : MS-Office,C,C++,MATLAB, Digital Image Processing**

**Job Profile:** Assistant Professor in Physics

**Duration :** August 2011 – till date

**Description:** Assistant Professor in “International Institute of Information Technology, Hinjewadi, Pune”.

**Job Profile :** Lecturer in Physics

**Duration :** January 2010 – July 2010

**Description :** Lecturer in “Padamabhushan Vasantdada Institute of Technology,Bavdhan,Pune”.

**Duration :** June 2008 – December 2009

**Description :** Lecturer in “Parshwanath Engineering College,Thane”.( with D.T.E. Selection)

**Duration :** July 2006-may 2008

**Description:** Lecturer in “Mahatma Gandhi college of Engineering,Jalgaon”.

**Project 1:**

Project	<b>Diagnosis Of Eye Infection Using Digital Image processing</b>
Aim	To Diagnose Eye infection like Glaucoma, Diabetic retinopathy, Conjunctivitis by Segmentation of area of infection
Source	MATLAB- Using Digital Image Processing
Period	Dec 2008 –May 2009
Description	This Project was undertaken as part of the curriculum for M.Phil in PHYSICS under guidance of Dr.A.L.Chaudhari, North Maharashtra university , Jalgaon.

**Project 2:**

Project	<b>Bio-fuel Future Fuel for transportation with special reference to Jatropha</b>
Aim	To search alternative source for Petroleum Fuel from Vegetable Oil.
Source	Soyabin Oil
Period	Dec 2005 –May 2006
Description	This Project was undertaken as part of the curriculum for M.Sc (Energy studies-physics) under guidance of Dr.R.B.Gore , Physical science , North Maharashtra university , Jalgaon.

**Project 3:**

Project	<b>Computer Simulation of exciton capture mechanism in GaN / AlGaIn Quantum heterostructure</b>
Aim	Semi-classical analysis of hole capture in GaN Quantum well with hole-optical phonon scattering mechanism.
Description	This project is undertaken as a part of curriculum for M.SC. (Physics) under guidance of Dr.D.S.Patil, Reader, Electronics dept, North Maharashtra university, Jalgaon.

**Project 4:**

Project	<b>Multiplexed Seven segment Display</b>
Aim	To convert analog signal to digital signal which forms square, triangular , sawtooth wave form on CRT (Cathode Ray Tube)
Solution Environment	Micro computer (Using Microprocessor system)
Period	Dec 2003 – March 2004
Description	This Project was undertaken as part of the curriculum for B.Sc (Physics) final year under the guidance of Dr. P.S.Sonawane ,A.S.C. College,Chopda

**Paper Presented:**

- 2 “Development of Digital Image Processing tool for diagnosis of eye infection using MATLAB”, CONTROL INSTRUMENTATION SYSTEM CONFERENCE, CISCON-2011, (An International Conference,3rd- 6th November 2011)

**Seminar Attended:**

- 3 Attended “**Dr. C.V.Raman memorial Seminar**” in 2005 & 2006
- 4 Attended Seminar on “**Recent Trends in a material Science**” in 2006

<b>NAME</b>	JYOTI DEVIDAS PATIL
<b>FATHER’S NAME</b>	MR. DEVIDAS.S.PATIL
<b>MOTHERS NAME</b>	MRS.SUMAN D.PATIL
<b>DATE OF BIRTH</b>	17-09-1983
<b>LANGUAGES KNOWN</b>	ENGLISH, HINDI, MARATHI
<b>SPEACILISATION</b>	PHYSICS (Energy Studies)

I hereby declare that all the above information is correct according to the best of my knowledge.

DATE :

(Jyoti Devidas Patil)

PLACE : PUNE