

BIO-DATA of Prof. P.P. Patil

1. **NAME** : PATIL PRADIP PREMCHAND
2. **INSTITUTIONAL AFFILIATION:** North Maharashtra University,
Jalgaon – 425 001
3. **DESIGNATION** : Director and Professor in Physics,
School of Physical Sciences,
4. **ADDRESS (for correspondence)** :

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5. **NATIONALITY** : INDIAN
6. **DATE and PLACE OF BIRTH** : July 7, 1960
Bhusawal (Maharashtra)

7. **EDUCATIONAL QUALIFICATIONS** :

Degree	Name of the University	Year of Passing	Division/Class obtained	Percentage of Marks
Ph.D.	University of Pune	1988	-	-
M.Sc.	-do-	1983	First Class (with distinction)	76 %
B. Sc.	-do-	1981	First Class (with distinction)	74 %

8. **SCHOLARSHIPS and AWARDS** :

- a) Worked as **Brain Pool Visiting Scientist** at Korea Research Institute of Chemical Technology (KRICT), Daejeon, South Korea during November 1, 2006 to October 31, 2007.
- b) Recipient of '**Smt. Annapurna Award**' award of The Society for Advancement of Electrochemical Science and Technology (SAEST), CECRI, Karaikudi, India in the year 2005.
- c) Recipient of '**Best Teacher Award - 2004**' of **North Maharashtra University, Jalgaon, INDIA.**
- d) Recipient of '**Scientist of the Year – 2003**' award of National Environmental Science Academy (NESAs), New Delhi in the year 2004.
- e) Recognised as a **Fellow of Maharashtra Academy of Sciences, 2001.**
- f) **Qualified** in National Examination Test (NET) conducted by **Council of Scientific and Industrial Research (CSIR), New Delhi** for the Junior Research fellowship in the year 1984.
- g) **Qualified** in National Examination Test conducted by **University Grants Commission (UGC), New Delhi** for the Junior Research Fellowship in the year 1984.
- h) Recipient of **Prof. S.S.Joshi Prize** for M.Sc.(Physics) of Pune University in the academic year 1983.
- i) Recipient of **Mrs. Malti Nandgaonker Prize** for M.Sc. (Physics) of Pune University in the academic year 1983.

9. POSITIONS HELD	:
August 13, 1999 – onwards	: Professor in Physics School of Physical Sciences, North Maharashtra University, JALGAON 425 001.
August 8, 1993 – 12 August 1999	: Reader in Physics School of Physical Sciences, North Maharashtra University, JALGAON 425 001.
September 3, 1991 - August 8, 1993	: Lecturer in Materials Science (in Senior scale of pay) School of Physical Sciences, North Maharashtra University, JALGAON 425 001.
July 27, 1988 - September 2, 1991	: Lecturer in Physics, Department of Physics, M.J.College, JALGAON 425 001.

February 1, 1986- June 30, 1988 : **Senior Research Fellow (CSIR)**
Department of Physics,
University of Poona,
PUNE 411 007.

February 1, 1984- January 31, 1986 : **Junior Research Fellow (CSIR)**
Department of Physics,
University of Poona,
PUNE 411 007.

10. RESEARCH INTERESTS : Materials Science,
Diamond Thin Films,
Conducting Polymer Films,
Polymer Composite Thin Films,
Nanomaterials, Gas sensors

11. NUMBER OF RESEARCH

STUDENT GUIDED : **Ph.D. Completed –Seven**

Presently, five students are working
for their Ph.D. degree under my
guidance.

12. PARTICIPATION in WORKSHOPS, CONFERENCES etc. :

December 26-27, 2003 : Eleventh National Convention of Electrochemists (NCE-11)
**held at Bishop Heber College, Tiruchirapalli during
December 26-27, 2003.**

July 17-19, 2003 : **Eleventh National Congress on Corrosion Control**
organized by National Corrosion Council of India, C/o.
Central Electrochemical Research Institute, Karaikudi – 630
006, Tamil Nadu, INDIA

March 1-3, 2001 : **National Conference on Materials for the New
Millenium** organised by Department of Applied Chemistry,
Cochi University of Science and Technology, KOCHIN – 682
022, KERALA

February 21-23, 2000 : **International Seminar on Polymer Materials in 21st Century
held at New Delhi.**

January 10, 1997 : **First Meeting on CVD Diamond and Diamond Like Carbon,
Thin Films and Coatings**, organized by Thin Film Laboratory,
Department of Physics, Indian Institute of Technology, New
Delhi and **Department of Science and Technology**,
Government of India, New Delhi.

January 9-14, 1995 : **Workshop on Electrodeposition of Thin Films**, organized by
Inter University Constorium (IUC), Indore.

- August 28-30, 1995** : **Workshop on Langmuir Blodgett Films and their Applications**, organized by Inter University Consortium (IUC), Indore at Mangalore University, Mangalore.
- December 16-18, 1991** : **National Solar Energy Convention** organised by School of Energy Studies, University of Poona, Pune 411 007.
- Dec.20-Jan.28, 1988-89** : **DCATTP Module I - Programming and Programming Methodology**, organised by Department of Electronics at V.A.S. Community Science Center, Ahmedabad 380 009.

13. Active participation in Educational Programme :

The North Maharashtra University was established in 1990 at Jalgaon, Maharashtra State, India. The university has started the academic activities from the academic year 1991-92 by instituting 7 Schools/ Departments and the School of Physical Sciences is one of these. I joined the North Maharashtra University, Jalgaon during the academic year **1991-92 as a FIRST TEACHER in the School of Physical Sciences and since then I am working as Head, Department of Physics and Director, School of Physical Sciences.** After joining, I have started nurturing this school right from its scratch. I had **an opportunity and challenge to design and set up various Academic Programmes in the School.** In the School of Physical Sciences, **I have started two departments namely - Department of Physics and Department of Electronics.** Under the Department of Physics, I have started Master level programme namely – Master of Science (M.Sc.) in Physics with Material Science and Energy Studies (with intake capacity of 25 students each) as specializations. The Master of Science (M.Sc.) in Electronics (with intake capacity of 30 students) was started under the Department of Electronics.

I have developed the full-fledged laboratories for Post-graduate programmes i.e. for Materials Science, Energy Studies and Electronics in the school during the short span of time. I am happy to mention here that, the school is progressing to make its mark on national and international arena in its academic pursuits and frontline research.

In addition to this, I have an active share in the various academic as well as administrative responsibilities through the membership of the following authorities /committees since the inception of the University –

1. Member of Management Council
2. Member of Senate.
3. Member of Academic Council.
4. Member of Board of Examinations.
5. Member of Science Faculty.

6. Member of Board of Studies.
7. Member of University Academic Audit Committee.
8. Member of University Library Committee.
9. Member of Purchase Committee.
10. Member of Research and Recognition Committee.
11. Member of Board of University Teaching and Research Committee.
12. Chairman of Central M. Sc. Admission Committee.
13. Chairman of Steering Committee of the Entrance Examinations for M.C.A. M. Sc. [Computer Science] and B.B.S. Admissions.

Apart from the active participation in the educational programmes of the parent university, I have also actively involved in the curricular activities of other universities through the Membership of various academic committees –

1. Member of Board of Studies of M.S. University, Vadodara, Gujarat.
2. Member of Board of Studies of Dr. B.A.M. University, Aurangabad, Maharashtra
3. Member of Research and Recognition Committee, Dr. B.A.M. University, Aurangabad.
4. Member of Academic Audit Committee, Amravati University, Amravati.
5. Member of Committee to grant Autonomous status to the Department of Physics, Nagpur University, Nagpur.