

## CURRICULUM VITAE

NAME SURNAME .....

JANI DODE

DATE of BIRTH .....

07.04.1957

PLACE of BIRTH .....

LESKOVIK

GENERAL MIDDLE SCHOOL “ PETRO NINI  
LUARASI”

1976 ERSEKE

UNIVERSITY of TIRANA, FACULTY of the  
NATURAL SCIENCES – BRANCH of  
PHYSICS

1981 TIRANA

SPECIALITY

PHYSIST

SCIENTIFIC GRADE

“CANDIDATE OF SCIENCES”

EQUIVALENCE

DOCTOR of SCIENCES

THE TITLE of the DISSERTATION THESIS

Physical study of carbonic compounds  
with two and three elements for  
laboratory and industrial manufacturing  
of the self- baking electrode – mass

SCIENTIFIC TITLE 1994

- 7 University texts
- 2 laboratory practice – course textbooks
- 1 monography
- 25 scientific articles, 9 articles out of which, published in international scientific magazines.
- 15 scientific studies; 2 articles out of which, published abroad.
- 14 scientific reports, 6 articles out of which, delivered abroad.
- 11 paper informations; 6 out of which delivered abroad.
- Coordinator for the European Scientific Project on the field of high technology; “Social Magnetic Materials of RE – Fe type” 1996-1998.
- Member of the Jury for doctorate protection.



- Dissertation opponent.

KNOWLEDGE on FOREIGN LANGUAGES	French, English, Russian
MARITAL STATUS	Married
SCIENTIFIC QUALIFICATION .....	
In the University of Tirana, Faculty of Nature's Sciences, Department of the Physics of "Materials"	
THE PERIOD OF STUDIES .....	1977 - 1982
SPECIALITY.....	Physicist
DATE of the SCIENTIFIC GRADE AWARDING .....	25 / 04 / 1992
NR. of DECREE .....	275
NR. of the SCIENTIFIC GRADE DOCUMENT.....	3031
DENOMINATION of the SCIENTIFIC GRADE .....	Candidate of Sciences
EQUIVALENCE .....	Doctor of Sciences
The TITLE of the DISSERTATION THESIS	The Physical Study of Carbonic Compounds with two and three elements for laboratory and industrial manufacturing of the self – baking electrode mass
SCIENTIFIC TITLE.....	" Professor"

## **Chronology of Job Positions**

10.02.1999 up to now.....	The Rector of the University “A. Xhuvani”
16.08.1998 – 10.02.1999.....	Chief of the Physics Department in the Faculty of Natural Sciences in the University “A. Xhuvani”
16. 08.1983 up to now.....	Pedagogue in the Physics Department in the Faculty of the Natural Sciences of the University “A. Xhuvani”
16.09.1981 – 16.08.1983 .....	School teacher in Kosovo, district of Elbasan
15.07.1987 – 15.08.1988 .....	Physisist in the Carbonic Materials Plant, in the Metallurgical Works.

## **QUALIFICATION**

24.04.1998.....	“Professor”
18.11.1994.....	“Assistant / Professor”
25.04.1992.....	Candidate of Sciences
30.06.1993.....	Doctor of Sciences
1976 – 1982.....	Branch of Physics and Special physics, Faculty of Natural Sciences, University of Tirana.

## WORKS BIBLIGRAPHY

### I PUBLISHINGS IN SCIENTIFIC BULLETIS

1. “Electrical properties of the self – baking electrodes manufactured in laboratory and industrial conditions”  
Bulletin of Natural Sciences at School,
2. Knowledge on the physics of solid body.  
Mathematics and physics at School, Institution of Pedagogical Studies (IPS) 1989 – Tirana
3. “ Structural Developments in Cokes and anthracites thermically treated at temperatures around 1100<sup>0</sup> C “.  
Bulletin of Nature’s Sciences Nr. 3. 1988 (p. 102 – 108) Tirana
4. Flaws in Crystals.  
Mathematics and Physics at School (IPS, 1989) – Tirana
5. “The Study of the physical properties of the self – baking electrode mass during the laboratory and industrial manufacturing”.  
Bulletin of ISPT “ Metallurgical Studies “ Nr. 5 (p.890106)Elbasan
6. “ The Study of the physic – technological properties of the naphta and anthracites coke – based carbonic compounds”  
Bulletin of ISPT – Chemistry Nr. 1, 1989 (p. 76 – 104), Tirana
7. “ How to set up a simple radio”.  
Mathematics and Physics at School, ISP, 1987 – Tirana
8. Experimental laws on the influence to structural changes and some physic – technological factors towards the electrical resistance in carbonic materials”  
Bulletin of the Nature’s Sciences N.e.1991 Tirana
9. Influence to the mechanical properties of high temperatures in cokes, anthracites and their compounds”.  
A collection of scientific articles from the First Conference of the Balkans’ physicists. (BPU) 1991 Thesaloniki – Greece
10. The up-to date physical methods in studying carbonic materials.  
“Carbon” 1994 USA
11. The Analysis of the profile of the diffractometric line of the amorphous materials through the simulating method.  
A collection of Scientific articles from the Second conference of the Balkans’ physicists (BPU). September 1994, Izmir – Turkey.

12. “ The influence of the thermic treatment (1100<sup>0</sup> C - 1600<sup>0</sup> C) to the electrical properties in carbonic materials”  
A scientific articles collection from the second Conference of the Balkans’ physicists (BPY) September 1994, Izmir – Turkey
13. An abnormality of the basic line (002) in the Crystalline structure of cokes treated at 1100<sup>0</sup> C - 1600<sup>0</sup> C.  
Bulletin of the Nature’s Sciences, 1996, FSHN, Tirana.
14. The structural changes and transformations in the carbonic materials studied with RAMAN spectrometry and X – diffractometry.  
A scientific articles collection from the second conference of the Balkans’ physisist (BPU).
15. “Conclusions on the study of the physic-mechanical properties of the carbonic components.  
IPS Metallurgical works, 1991, “Carbon” 1996 USA
16. “The study of the nixed Crystal Bi<sub>12</sub> TiO<sub>20</sub> with the method of holography “. The magazine “The physics of solid body”, the Institute of the Technical Physics.
17. Developments in the line “dwarf” line FOO<sub>2</sub> under the influence of grinding, temperature and type of the coke.  
The Bulletin of Nature’s sciences Nr. 4.1996 – Tirana.
18. Abnormalities in the difframetric line FOO<sub>2</sub> of the naphta cokes during the graphitization process.
19. A survey on the structural evolution of the carbonic materials through the spectrometry “RAMAN” as compared with the X-diffractometry.  
The magazine of physics – Turkey, vol.21 Nr.4.1997.
20. The thermo magnetic and X- diffractometric analysis of Nd<sub>3-x</sub> Dy<sub>x</sub> (Fe, Ti)<sub>29</sub>.  
A scientific articles collection from the Third Conference of the Balkans’ physisists BPU September 1997 Cluj – Natoca, Romania.
21. Structural analysis with SEM and thermo magnetic analysis of Nd<sub>3-x</sub> Dy<sub>x</sub> (Fe, Ti)<sub>29</sub>.  
The Bulletin of the Nature’s Sciences, 1997, Tirana.
22. The thermo magnetic and structural analysis of Nd<sub>3-x</sub> Dy<sub>x</sub> (Fe, Ti)<sub>29</sub>.  
Scientific Bulletin of UE (University of Elbasan), Nr.1.1997
23. The study of the naphta coke of Albania.  
The scientific Bulletin of UE Nr.2.1998

24. The Higher Education on the focus of demographic changes.  
Scientific articles collection of UE 1998
25. The Europeanization of the school, physics curriculum-a necessity of time.  
A collection of scientific articles in UE, AEDP, November 1998.

## II SCIENTIFIC STUDIES

1. A physical study of substances and compounds with two and three components for laboratory and industrial manufacturing of the self – baking electrode mass.  
Dissertation Thesis, 1991, Tirana.
2. The influence of the thermic treatment at temperatures of 1100°C – 1600°C to the cokes and anthracites.  
FSHN Technical Report, December 1990, Tirana.
3. “A study of the density radial diffusion through carbonic substances treated at high temperatures.”  
FSHN, Technical Report, December 1990, Tirana.
4. “The method of numerical simulation in studying the naphta cokes structural properties”.  
FSHN Technical Report, March 1991 Tirana.
5. “Micro – spectrometry RAMAN in studying structures of carbonic materials”  
Nuclear Physics Institute, Tirana, 1994 (NPI)
6. “Theory of probabilities in the statistic physics”  
FSHN, Elbasan 1993
7. “Knowledge on the physics of solid body”  
IPS, Tirana 1992
8. “Flaws in crystals”  
IPS, Tirana, 1992
9. “A study on crystallization in thin layers”  
FSHN, Technical Report, 1991, Tirana
10. “Computer Modelling in the static physics”  
FSHN, Department of Physics, Elbasan 1994
11. “Computer Modelling in teaching physics at school”  
FSHN, Department of Physics, Elbasan, 1994
12. “The philosophy of natural sciences (Physics and reality)”  
FSHN, Department of Physics, Elbasan, 1993

13. Some data on Electronic Microscopy – SEM with the magnetic material  $\text{Nd}_{3-x}\text{Dy}_x(\text{Fe, Ti})_{29}$ .  
 Technical report, Institute of the Science of materials, NCSR “Demokritas”, April 1996, Athens – Greece.
14. Complete data on the electronic Microscopy – SEM with the magnetic materials.  
 Technical Report, Institute of the Science of materials, NCSR “Demokritas”, April 1996, Athens – Greece.
15. Magnetic solid materials of the type “Re-Fe-M” high technology. Final report of the scientific researching report under NATO’S International Scientific Exchange Programs.  
 Brussels – September 1998

### III SCIENTIFIC REPORTS

1. “A study on the structural development in the Carbonic raw materials and their influence to the electric properties of the mass-electrodes”  
 FSHN, Department of the Special physics, Tirana, 1998
2. “The physico-technological study of the self-baking mass-electrode during the laboratory and industrial manufacturing process”  
 In the Scientific Counsel of the metallurgical ISP, Elbasan, October 1989.
3. “The mechanical-thermic properties during the formation process of the carbonic compounds”.  
 FSHN, Tirana, September 1991
4. “Analysis of the diffractometric profile in the carbonic substances with the help of Fourier’s integral and the radial diffusing function (RDF).  
 FSHN, Tirana, October 1990
5. “Results from a diffractometric study of the carbonic substances treated at high temperatures”  
 FSHN, the Physics Department, Elbasan 1990
6. “Physics modelling as up-to-date methods in the teaching process of the physics at school”  
 ISP, FSHN, November 1989, Tirana
7. “Some up-to-date methods in teaching physics at school”  
 FSHN, Department of Physics, November 1989
8. “The analysis of the profile of the diffractometric line in the amorphous materials through the simulation method”  
 From the Second Conference of the Balkans’ physisists (BPU),

September 1994, Izmir-Turkey

9. "The thermic treatment influence (1100°C - 1600°C) to the electrical properties of the carbonic materials".  
From the Second Conference of the Balkans' Physicists (BPU),  
September 1994, Izmir-Turkey
10. "An abnormality on the basic line (002) in the crystalline structure of cokes treated at 1100°C - 1600°C".  
From the second Conference of the Balkans' Physicists (BPU),  
September March, Turkey.
11. "The structural changes and transformations in the carbonic materials as studied through spectrometry RAMAN and X - Diffractometry"  
From the Second Conference of the Balkans' Physicists (BPU),  
September 1994, Izmir- Turkey
12. "Conclusions on the study of the physico-mechanical properties in the carbonic compounds".  
ISP Metallurgical site, 1991.
13. "The influence of the high temperatures to the properties in the cokes, anthracites and their compounds"  
The First Conference of the Balkans' physicists (BPU) 1991, Thesaloniki - Greece.
14. "Thermo magnetic properties and the diffractometric analysis  $Nd_{3-x} Dy_x (Fe, Ti)_{29}$ .  
The First Conference of the Balkan's physicists, BPY 1997, Cluj - Natoca, Rumania.

#### **IV. PAPERS**

1. the Second National Conference of the Physicists.  
Tirana 1989
2. The First Conference of the Balkans' physicist.  
26-27 September 1991, Thesaloniki-Greece
3. Scientific Session of FSHN.  
Tirana 1987.
4. Scientific Session of FSHN.  
Tirana 1988.
5. Scientific Session of FSHN.  
Tirana 1988.



6. Scientific Session of ISP-Met.  
Elbasan 1989.
7. The Ballkans Summer School on the Solid body Physics.  
Tirana 1992
8. The Second Conference of the Ballkans'Physisists  
(BPU), September 1994, Izmir-Turkey.
9. Scientific Conference of UE.  
Elbasan, January 1997
- 10.The Ballkans Physisists, Third Conference.  
(BOU) September 1997 Romania.
- 11.Regional Conference for the higher Education problems.  
Tirana, April 2000.
12. The simpozium for the Materials UP – Tirane UP- Freidburg Gjermani Novamber  
2002

## **V TEXT BOOKS**

1. “Some elements of electronics and electro techniques – a text book for the pedagogical university students . (Part 1 and II).  
SHBLU, Tirana 1994.
2. Teaching text book for laboratory work in electronics and electro techniques –  
Teaching text book for the students of the Pedagogical Universities. Part I and II.  
SHBLU, Tirana 1994
3. Numerical Electronics. Part I. (circuits of the combining logic).  
SHBLU, Tirana 1997
4. Numerical Electronics. Part II. (Circuits of sequential logic).  
SHBLU, Tirana 1997
5. Introduction to Mikroprocessors Elbasan 2002

## **VI MONOGRAHY**

1. “Physics of the Carbonic Materials in our Country”.  
SHBLU, Tirana 1995

## **VII PROJECTS OF THE EUROPEAN SCIENTIFIC RESEARCH**

“Solid magnetic materials of the type “Re-Fe-M”, - High Technology

- A two-year researching Project, 1996-1998 Greece-Albania-Bulgaria-Under NATO's International Scientific Exchange Programmes.

Coordinator of the Scientific Project.

The Project "The Magnetic Method for oil spill Cleanups. Research and Development of Large Open Cleanup Operations.

Partners : Department of Physics, University of Elbasan (UE) and the Polish.

Regional Projects:

1. Coordinator of the multi medial computer center in the University of Elbasan.  
From September 1995 onward.
2. Coordinator of the teachers' qualification center.  
AEDP University of Elbasan (UE) 1998.
3. Coordinator of the project "School, culture and Democracy".  
September 1998.

## **VIII DOCTORATE TUTORING, OPPONENCES, JURIES, ETC.**

Member of jury and opponent in the dissertation: "On the possibility of microspectrometry RAMAN towards the structural studies in the carbonic materials"

FSHN, University of Tirana, October 1994

## **IX UNIVERSITY DIPLOMAS**

1. Physics and computer Modelling at school.  
FSHN, Physics Department, Elbasan 1994
2. Computer modelling in the static Physics.  
FSHN, Physics Department, Elbasan 1995

Graduated the University of Tirana, the Faculty of the Natural Sciences, the branch of the Special Physics, in 1981.

For some time he has been teaching in Kosovo, district of Elbasan. Since 1983 he has been teaching as a pedagogue in the Department of Physics in the University of Elbasan. Currently, he is elected the Rector of the University "A. Xhuvani", Elbasan.

Up to 1986 he completed his post university examinations in the field of "the Physics of materials" and on 26.12.1991 defended his dissertation thesis: "A physical study of the carbonic substances and compounds with two or three components for laboratory and industrial manufacturing of the self-baking mass-electrodes" this winning the scientific title "ASSISTANT PROFESSOR" in 1994 to be awarded next by the highest scientific title "PROFESSOR".

Out of his scientific and technical reports there should be mentioned numerous publishings of scientific articles in several scientific magazines, such us : "the Bulletin of the Natural Sciences", etc. as well as some articles published in the international magazines , e.g. "Carbon" USA; a collection of scientific articles from the international conferences of the Physics of the Solid Bodies. He has introduced a lot of scientific reports in the field of physics into several international conferences and to the Physicists Associations of the Ballkanic countries and other scientific European Institutions.

From January 1996 onwards he has been involved with a two - year - joint researching project : Greece-Bulgaria-Albania, under NATO's International Scientific Exchange Programs.

He is the author of several University text-books as well as a program - compiler for some basic subjects on Physics. During 1983-1985 he lectured on Physics in the branch of Bio-chemistry; from 1985 onwards he has been lecturing on the theoretical and electronic Physics in the branch of Physics of the University of Elbasan.