

# Curriculum Vitae

## 1. Personal details:

First Name: **Razvan**  
Name: **PACURAR**  
Date of birth: 20 February 1979  
Address: B-dul Muncii, no. 103-105  
400641, Cluj-Napoca, Romania

**Work place:**  
Technical University of Cluj-Napoca,  
Department of Manufacturing Engineering  
Phone/ Fax: 004-0264-415653  
E-mail: [razvan.pacurar@tcm.utcluj.ro](mailto:razvan.pacurar@tcm.utcluj.ro)

## 2. Position held:

- **Senior Lecturer** – Department of Manufacturing Engineering, Faculty of Machine Building, Technical University of Cluj-Napoca, Romania

## 3. Education :

### University studies:

- 1997-2002: Technical University of Cluj-Napoca
- 2002: Graduate examinations degree in Manufacturing Engineering

### Postgraduate studies:

- 2003 – Technical University of Cluj-Napoca – MSc Degree in Computer Aided Design of Modern Manufacturing Processes
- 2009 – Technical University of Cluj-Napoca – PhD Degree in Industrial Engineering domain, Title of PhD Thesis: - “Research regarding the Manufacturing of the Active Elements for Injection Moulding made by SLS (Selective Laser Sintering) Technology ”
- 2010-2013 - Development and support of multidisciplinary postdoctoral programmes in major technical areas of national strategy of Research - Development - Innovation" 4D-POSTDOC, contract no. POSDRU/89/1.5/S/52603, Postdoctoral program: Theoretical and Experimental Research Regarding the Manufacturing of Metallic Parts Made by Selective Laser Melting Technology.

## 4. Work Experience in higher education :

- 9 years of experience in higher education
- I hold laboratory classes and courses with students, in the next fields:
  - Additive Manufacturing Technologies
  - Non-conventional Technologies
  - Manufacturing Engineering
  - Optimization of the Manufacturing Processes
- I developed some new guides for laboratory classes for students in the next fields :  
Additive Manufacturing Technologies, Non-conventional Technologies and Manufacturing Engineering

## 5. Scientific activity:

- 20 papers published and presented in different proceedings of international scientific conferences held in European Union (EU)
- 25 articles published in scientific journals (included in prestigious scientific databases: ISI Web of Knowledge, Copernicus, etc.)

## 6. Research activity:

- **Project director** of 1 grant obtained by national competition :
  - CNCSIS Project (T-D Type)- contract no. 332 / 2006 - “Research regarding the Manufacturing of the Active Elements for Injection Moulding made by SLS (Selective Laser Sintering) Technology ”
- **Project member** in different research teams of grants obtained by national competition:
  - CNCSIS Project (A Type), A6 topic, CNCSIS code: 406 : “Researches on the Manufacturing of Metallic Parts Produced by the SLS Technology”, Project director : Associate Professor Dr .Eng. Nicolae Bălç, Head of Department
  - CNCSIS (A Type), A12 topic, CNCSIS code: 852: “Experimental researches regarding the use of the RP technologies in medical applications”, Project director: Prof.Dr.Eng. Petru Berce, Dean of the Machine Building Faculty
  - PNCDI project no. 88/ 22.10.2003 (INVENT programme), “ Ultrasonic Grinding Spindle for Hard Machinable Materials”, Project director: Prof.Dr.eng. Petru Berce,
  - Excellence national project in co-operation with the National Romanian Government - CEEEX no. 41/2005, “ Innovative Manufacturing Network (IMAN) (2005-2008), Project director: Prof.Dr.Eng. Petru Berce
  - Excellence national complex interdisciplinary project „New biocompatible materials machinable by SLS and SLM Technology” (BIOMAPIM), in co-operation with the Ministry of Education and Research from Romania, (2010-2013), Project director: Prof.Dr.Eng. Petru Berce
- **Project member** in different research teams of grants obtained by international competition:
  - FP6 contract - “ Optical 3D Metrology – Automated in-line metrology for quality assurance in the manufacturing industry” – OP3MET (2006-2008) – Co-operative Research Project Responsible from Technical University of Cluj-Napoca: Prof.Dr.Eng. Petru Berce
  - FP7 contract - “ADm-ERA- Reinforcing Additive Manufacturing Research Cooperation Between the Central Metallurgical Research and Development Institute and the European Research Area”, (2011-2013), Project Responsible from Technical University of Cluj-Napoca: Prof. Dr. Eng. N. Balc
- **Project member** in some third-party national contracts:
  - Theoretical and experimental research regarding the rapid prototyping manufacturing using the LOM, FDM and SLS technologies” (in the national programme RELANSIN):

being responsible with the **coordination** of the researches developed on the SLS rapid prototyping system SINTERSTATION 2000 and SLM rapid manufacturing system MCP Realizer II SLM 250 system (National Center of Rapid Prototyping, from the Department of Manufacturing Engineering, Technical University of Cluj-Napoca)

21.12.2012, Cluj-Napoca

Răzvan PĂCURAR,  
Senior Lecturer, PhD, Eng.