
SUMMARY OF QUALIFICATIONS

- +30 years of experience in project management, and +20 years of teaching
- Solid background in project lifecycle processes; acquisition to maintenance
- Experience in team development, personnel training and conflict management
- Expertise in electromagnetics, radar signal processing and statistical analysis
- Ability to make sound decisions under pressure. Risk management in high-tech projects
- Proven organizational and interpersonal skills
- Represented the Scientific and Technological Research Council of Turkey (TUBITAK) in International and National R&D working groups, funding bodies and steering committees

PROFESSIONAL EXPERIENCE

- 2014/05 - **Co-founder.** *Defense Engineering R&D Technologies (SMART) Inc., Ankara, Turkey*
- **Found** R&D company with 95% external funds.
- 2014/05 - **Assistant Director,** *Applied Project Management Certification Program Center of Education and Consulting, Baskent University, Ankara, Turkey*
- **Designed and organized** courses within university. Increased the overall income of the center.
- 2013/08 - **Professor in Electrical and Electronics Engineering (tenured).** *Baskent University, Turkey*
- **Initiated** several joint projects, and developed collaborations
- 2000/03 - 2003/08 **Founding Director, Program Manager, Project Manager, Group Leader.** *Advanced Technologies Research Institute (ILTAREN), The Scientific and Technological Research Council of Turkey (TUBITAK), Ankara, Turkey*
- **Selected as a pioneer** to found the research institution by the Turkish General Staff.
 - **Increased** the number of researchers from 3 to 150 between 2000 and 2011.
 - **Earned the highest promotion** and class A score performance evaluations for 11 consecutive years for excellent project management, efficient cost/human management and technical performance
 - **Increased project revenues from 0 to 45 million USD**
 - **Generated the highest ratio** for (annual revenue)/(number of project personnel) in 2008.
 - **Worked as a consultant expert** for consulting project for; basic research, R&D, testing and maintenance with a total budget of 250+ Million USD
 - **Redesigned the organization** in response to increasing number of projects and changing organizational missions, and transformed a strong functional management structure into a well-balanced matrix enabling efficient conflict management
 - **Successfully completed** high risk projects in very limited project time
 - **Provided the vision** for International collaboration and built lucrative partnerships with seven neighboring countries
 - **Transformed** an isolated institution into an internationally collaborating one.
 - **Representative expert** in various NATO and other International technical working groups.
- 1997 - 2000/03 **Associate Professor.** *Baskent University, Ankara, Turkey*
- Established digital signal processing laboratory.

- First to successfully experiment measurement of TEMPEST RF emissions in Turkey.
 - First to initiate R&D projects funded in competitive tenders.
- 1995/09– 1997 **Assistant Professor.** *Department of Electronics Engineering, Ankara University, Turkey*
- Established the microwave and antennas laboratory.
- 1994/09 –1995/09 **Technical Team Leader. Communications and Spectrum Management Research Center (ISYAM), Bilkent University, Ankara, Turkey**

GRANTS, AWARDS AND ACCOMPLISHMENTS

- 2015/06 **Invited Professor, University of Leicester, UK**
'Multi-Objective Optimization Problems and Machine Learning – Novel Adaptive Desirability Function'. Funded by the European Commission ERASMUS Staff Mobility for Teaching and Training Program.
- 2014/09 **Best Paper, S. G. Tanyer, 'True Random Number Generation of Very High Goodness-of-fit and Randomness Qualities', 2014 International Conference on Mathematics, Computers in Science and Industry (MCSI 2014)**
- 1994/03 **First Position Award, Sixth Annual Graduate and Professional Student Research Exposition, Washington State Univ. US.**
- 1990/07 **Research Scholarship for PhD Students**
Field: Antennas and microwave theory. Turkish Ministry of Education, Turkey.

PATENTS

- 2015 – **S. G. Tanyer, SMART Inc., and Baskent University Patent Office (BITTO), Turkey**
Hearing-eye for the blind and visually blind. (contract in review, pending)
Second-order phase-front measurement MIMO radar. (contract in review, pending)
Musical instrument for 12 equal temperaments and the new just-37 interval system (technical review, pending)
- 2014 **S. G. Tanyer, Başkent University Patent Office (BITTO), Turkey**
Very high accuracy quick response vibration sensor
Patent No: 2014/15987 (2014-GE-99044)

EDUCATION

- 1994/06 **Ph.D. in Electrical – Electronics Engineering.**
Washington State University, Pullman, WA, US.
- 1990/07 **MSc. in Electrical – Electronics Engineering.**
Faculty of Engineering, Bilkent University, Ankara, Turkey (high honors)
- 1988/07 **BSc. in Electrical – Electronics Engineering.**
Middle East Technical University, Ankara, Turkey (honors)

References available upon request.

Ankara, Turkey.