



## National Erasmus+ Office, Tunisia

<b>Institution and contact person:</b>			
<b>Last Name</b>	BEN ROMDHANE	<b>First Name</b>	Zamen
<b>HE Institution</b>	Gafsa Private Higher School of Engineering		
<b>Department</b>	Gafsa Private Higher School of Engineering		
<b>Position</b>	Director of Gafsa Private Higher School of Engineering		
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<b>Web address</b>	www.esip.tn		
<b>Experience in international cooperation</b> (mobilities, projects, available study programmes in English language):			
<b>Information about planned Erasmus+ project(s)</b>			
<b>Discipline(s) / Academic field(s)</b>	Engineering, Computer Sciences and Intelligent information Technology, digital image, languages for academic purposes		
<b>Type of institutions you search</b>	Higher education institutions		
<b>Type of project idea</b>	<p><b>Please, tick the appropriate box(es) and answer the specific questions</b></p> <p><input checked="" type="checkbox"/> <b>Erasmus+ KA1: International Credit Mobility (KA107 – ICM)</b></p> <p><input checked="" type="checkbox"/> <b>Erasmus+ KA2: Capacity Building in Higher Education (KA2 – CBHE)</b></p>		
<b>If you are interested in Capacity Building projects (KA2), please describe your project idea shortly:</b>			
<p>Face recognition system is a computer application for automatically identifying or verifying a person from a digital image or a single frame from a video source. This can be done by comparing selected facial characteristics of the likeness and a facial database. It executes that by comparing the face of the accessing user with a database of faces previously stored in memory. Face recognition presents a challenging problem in the area of image analysis and computer vision, and it has received a great deal of interest over the last few years because of its applications in different domains especially the <b>security, the education and the health systems</b>. Recently, it has also become popular as a commercial identification and marketing tool.</p> <p>The domain value of facial recognition has become increasingly important and also sought in the computer job market. In this context, engineering in this specialty is useful and will help to push the technological development.</p>			
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<p>Mechatronics is an exciting, interdisciplinary field that combines electrical engineering, mechanical engineering, materials, robotics, and control systems. This is a great field for technically minded engineers who enjoy working on software, hardware, and everything in between.</p> <p>The rise of robotics and mechatronics science has been impressive in the last two decades however there is a gap between developed and under developed world in this field that's why we need to study this science to follow the progress.</p>			
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<p>- We are ready to participate in Erasmus+ KA1 international credit Mobility in exchange of students and teachers</p> <p>The overall objectives of this project are to enhance mobility in higher education and to develop ‘tacit knowledge’ among teachers and students. Knowledge and skills cannot only be acquired from learning and reading but also from experiences, trainings, seminars, conferences and collaborative works. Developing partnerships between our institution and foreign ones will increase cooperation and connection between both Tunisian and foreign teachers and students. Mobility will help both of them to promote their competence in a range of academic and professional disciplines. It will also foster teaching programs exchange. Further, the long-term visions are to establish a top-level program that offers teachers, students and administrative staff higher educational experience and to realize mutually-beneficial results that would heighten the development needs of higher education institutions and encourage new project activities.</p>			



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<p>The project aims at creating a laboratory of languages for academic purposes, where students can learn different languages, such as English, Spanish, German, Poland... through the use of authentic materials. They can also master different skills like listening, speaking, reading, academic writing, vocabulary...The main goals of this project are to socialize foreign students into an academic skills, to promote the language needed for particular academic subjects and to develop the specialized language and vocabulary related to students' disciplines.</p> <p>Three points should be highlighted, namely developing teachers' competence on the field of language for academic purposes through trainings, workshops, webinars, conferences..., preparing students to meet academic expectations and finding cooperative opportunities to exchange teachers and students. Exchanging ideas, knowledge and skills is crucial to develop global superior educational experiences.</p>			
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<p><b>« International Network Education System »</b></p> <p>Virtual learning environment (VLE) allows on-line participants to be organized into cohorts, groups and roles. It presents resources, activities and interactions within a course structure; provides for the different stages of assessment; reports on participation and has some level of integration with other institutional systems.</p> <p>A VLE is normally not designed for a specific course or subject, but is capable of supporting multiple courses over the full range of the academic program, giving a consistent interface within the institution and—to some degree—with other institutions using the system. The virtual learning environment supports an exchange of information between a user and the learning institute. It is currently enrolled in through digital mediums like e-mail, chat rooms, web 2.0 sites or a forum thereby helping convey information to any part of the world with just a single click.</p> <p>ESIP needs to strengthen the capacities of its personnel to design and develop, implement and maintain a VLE.</p>			
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