**Anexa 12. R14 – F11**

**Job description**

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| **University** | *ŞTEFAN CEL MARE* UNIVERSITY SUCEAVA |
| **Faculty** | PHYSICAL EDUCATION AND SPORTS |
| **Department** | HEALTH AND HUMAN DEVELOPMENT |
| **Position in Staff establishment** |  31 |
| **Function** | **Associate Professor** |
| **Disciplines in the educational plan** | Laboratory instruments and equipmentMaterials used in dental technology |
| **Scientific domain\*** | Dental Medicine |
| **Job Description** | The position has a workload of 40 hours / week with a teaching load of 11 conventional hours, of which: 5 hours of course and 6 hours of laboratory classes with the following semester-based structure of actual hours: * Laboratory instruments and equipment, first semester, first year of study, Laboratory Dental Technician

- 3 hours course in the first semester with 4 groups,- 12 hours of practical work in the first semester with 4 groupsMaterials used in dental technology, second semester, first year of study, Laboratory Dental Technician - 2 hours course in the second semester with 4 groups |
| **Conditions for participating in the competition** | Specialist degree and PhD doctor degree.The conditions of Law no. 1/2011, MEN Order no. 6129/2016 and USV Regulation R14. |
| **Related responsibilities/activities** | Teaching ActivitiesPractical ActivitiesEvaluation and Testing ActivitiesOther activities:Coordinate Dissertation/ Mastered Degree ThesisStudent advising/office hoursParticipation on in committee graduation examParticipation in committees admission Participation in international programsScientific and methodological training activities and other activities in the field of educationConduct scientific researchAdministrative Activities |
| **Minimum wage for classification** | minimum 4820 lei (3-5 years of experience in education, grade 1) - maximum 8505 lei (over 40 years of experience in education, grade 5. Salary will be based on experience (number of prior years working) and the candidate’s performance and expertise. |
| **Calendar of the job application contest** |  |
| **Announcement publication date in the Official Monitor** | 15.04.2020 |
| **Registration period** |

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| Beginning | End |
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| **Date of the lecture** |  |
| **Place for the lecture** |  |
| **Examination period** |

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| Beginning  | End |
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| **Results communication period** |

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| **Results appeal period** |

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| Beginning | End |
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| **Competition theme** | **Laboratory instruments and equipment****Courses:**•Organization of a dental technique laboratory: compartmentalization and related activities. •Basic notions regarding the functional structure of the dental technical laboratory•The tools and equipment needed to perform the activity and developing working models.•Tools and apparatus used in the manufacture of fingerprints. The tools and equipment used to make duplicate models•The equipment and the instrumentation needed to make models. The tooling and equipment used for pattern making.•The tooling and equipment used to process hot alloys. •Tools and apparatus required for conditioning of metal surfaces for polymer coating.•The instrumentation and equipment used for polymerization of plastics. Equipment and tools for making mobile and mobilizable dental prostheses•The equipment and the instrumentation used in the ceramic lab. The equipment used in CAD / CAM technology.•Static instrumentation.•Rotary instrumentation. The instrumentation used•Rotary instrumentation. The instrumentation used for the unpacking, processing and polishing of prosthetic components.•Simulators and means of transfer. •Instruments and apparatus in specialized laboratories•Choosing tools and devices for the dental technician lab**Bibliography:**1. Sorin Uram Tuculescu, Corneliu Amariei, Dorin Bratu: Aparate şi instrumente în tehnica dentară.Editura Ex Ponto, Constanța, 1997.2. Sorin UramTuculescu: Instrumente, dispozitive și aparate în laboratorul de tehnică dentară.Editura Helicon, Timișoara, 1996.3. Donciu Vasile: Instrumente şi aparate folosite în laboratorul de tehnică dentară. Editura Didacticăşi pedagogică, București, 1996. 4. MolnarVarlam C., Chifor A., Székely M.: Proteze dentare mobile și mobilizabile aspecte clinicotehnice. Editura University Press, Tîrgu Mureș, 5. MolnarVarlam C., Grozescu V., Borș A.: Proteze dentare fixe, aspecte clinico tehnice, EdituraUniversity Press, Tîrgu Mureș, 2016.6.Tony Johnson, David G. Patrick, Christopher W. Stokes, David G. Wildgoose, Duncan J. Wood :Basics of Dental Technology: A Step by Step Approach, WileyBlackwell, 2013.**Materials used in dental technology****Courses:**1. Generalities, definitions, classification and properties of dental materials. Properties used to characterize dental materials
2. Fingerprint materials: definitions, generalities, classifications, conditions. Rigid and semi-rigid, thermoplastic and elastic fingerprinting materials
3. Failures of fingerprints and models cast in different fingerprints: causes, effects, attitude
4. Dental cements. Materials used for pulpo-dental protection
5. Resin cements, composite materials, compomers and adhesive resin cements. Glass ionomer cements
6. Cements for fixing prosthetic works: cements for temporary fixing, cements for fixing durations, criteria for selecting these cements
7. Metallic materials used for direct coronary restoration and adhesive denture systems
8. Materials used to perform temporary prosthetic restorations by direct technique

**Bibliography:**1.Bratu D., et al.: Materiale dentare. Vol. I, II şi III, Editura Helicon, Timişoara, 1994.2.Bratu D., Uram-Ţuculescu S.: Amprenta şi modelul în protezarea fixă. Editura Signata, Timişoara, 2001.3.Molnar-Varlam C.: Ghid practic de utilizare a materialelor dentare. Editura University Press, Târgu-Mureș, 2011.4.Molnar-Varlam C., Székely M., Mucenic S.: Materiale dentare. Editura University Press, Târgu-Mureș, 2011. 5.Nicola C., Borzea D., Seceleanu R.: Materiale utilizate în protetica dentară. Editura Casa Cărţii de Ştiinţă, Cluj-Napoca, 2003 |
| **Documents list\*\*\*** | The candidate's application file must contain at least the following documents:*1. The* ***application form****,* signed by the candidate, which includes *a* ***sworn statement***on the veracity of the information presented in the file - the model attached.***2. A career plan***referring to the development of the academic career both in terms of teaching (for teaching positions) and in terms of scientific research; the proposal is written by the candidate, contains a maximum of 10 pages and represents one of the main criteria for the selection of the candidates.***3. Curriculum vitae****\*\** of the candidate, in printed and electronic format, which must include:a) Studies and degrees obtained;b) Information about professional experience and relevant job experience;c) List of research-development projects, grants obtained, source of funding, amount of funding, main publications and patents results;d) Information about awards or other elements of recognition of the applicant's scientific contributions.*4.* ***The list of scientific works*** *of the applicant in print and electronic formats, structured as follows*:a) The list of maximum 10 works considered by the candidate to be the most relevant for his own professional achievements, which are included in electronic format in the file and which can be found in the other categories of works provided by art. 15 of Decision no. 457/2011, amended;b) PhD thesis or theses;c) Patents and other industrial property titles;d) Books and book chapters;e) In extenso articles / studies, published in journals from the main international scientific stream;f) Extensive publications, published in papers of the main specialized international conferences;g) Other works and scientific or artistic contributions.***5***. a) Candidates for the positions of associate professor or second degree scientific researcher must include in the application file at least 3 names and contact addresses of personalities from the respective field, from the home country or from abroad, from outside of the higher education institution where the position is advertised, who have agreed to write letters of recommendation regarding the professional qualities of the applicant.b)Applicants for the positions of university professor or first degree scientific researcher must include in the application file at least 3 names and contact addresses of personalities from the respective field from abroad, who have agreed to write letters of recommendation regarding the professional qualities of candidate.c) In the case of Romanian specific scientific fields, the letters of recommendation for candidates for the positions of university professor or first degree scientific researcher may also come from personalities in the respective field in Romania, from the outside of the higher education institution whose position is advertised.***6.*** Applicants for the positions of university professor must submit proof of the status of doctoral supervisor.***7. The verification sheet***\*\*of the fulfillment of the standards required by the university for applying in the contest, whose standard format is provided by the institution methodology. The verification sheet is completed and signed by the applicant, together with the supporting documents regarding all the results and information included by the capplicant in the file. The model of the verification sheet will comply with the model in the national standards for the position’s scientific field.***8. Documents related to the degree of Doctor***: certified copy of the Doctor diploma and if the Doctor original diploma is not recognized in Romania, the certificate of recognition or equivalence is required.***9. The abstract of the doctoral thesis,*** in Romanian and in one language of international circulation***,*** maximum one page for each language.***10. Affidavit*** of the candidate indicating the incompatibilities provided by Law 1/2011 which may occur in the event of winning the competition or lack of such incompatibilities.***11.*** Copies of other ***diplomas*** attesting the applicant’s studies:a) Applicants for the positions of assistant professor must submit a copy of the certificate of graduation of psycho-pedagogical studies.b) Applicants for the positions of university lecturer / head of works may submit a copy of the certificate of graduation of psycho-pedagogical studies.c) ***Certificate of specialist doctor degree.******12.*** Copy of the ***identity card*** or, in case the candidate does not have an identity card, copy of the passport or of any other identity document which is equivalent to the identity card or passport.***13.*** If the candidate has changed his / her name, copies of the documents attesting the name change - ***marriage certificate*** or proof of the name change.***14.***Valid ***medical certificate*** issued by Occupational/Labour Medicine for the purpose of completing the application file for a teaching position. ***15.*** A ***maximum of 10 publications***, patents or other works of the applicant, in electronic format, selected by candidate and considered to be most relevant for their own professional achievements.***16. Documents*** confirming the contact/e-mail address/addresses and contact phone numbers of the applicant.***17.* *A list*** of all documents filed.***18.*** ***A list*** of all electronic documents filed.***19.* *Conformity statement*** regarding the electronic format of the submitted documents. |

\* The scientific field is selected from the list in Annex 12.

\*\* The electronic format of ***Curriculum vitae, The list of scientific works*** *and* ***The verification sheet*** must not exceed 3Mb to allow the upload on the ministry webpage.

\*\*\* All the documents in the application file will be submitted as \*.pdf., only after being signed by the applicant.