**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 worload 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 |
| **Related responsibilities/activities** | Teaching ActivitiesPractical ActivitiesEvaluation and Testing ActivitiesOther activities:Coordinate Dissertation/ Mastered Degree ThesisStudent advising/office hoursParticipationi 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 .................... lei– maximum ................. lei 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** |  |
| **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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| Beginning | End |
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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 Uram Tuculescu: 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 clinico tehnice. Editura University Press, Tîrgu Mureș, 5. Molnar Varlam 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, Wiley Blackwell, 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. ***Application form,*** signed by the canditate, which includes a **statement** about accuracy of the information presented in the file –see attached model..***2. A career developmen plan*** *that includes teaching and research proposal. It should be a minimum of 10 pages and it is one of the main criteria of selecting candidates****3. Curriculum vitae in print and electronic form,*** *which must include:**a) Studies and degrees obtained;**b) Relevant training and job experience;* *c) List of research-development projects; grants obtained, source of funding, amount of funding, main publications and patents results;**d) Awards or other recognition for teaching and/or sscholarly contribuition of the candidate.*.***4. The list of scientific works*** *of the candidate in printed and electronic format, the care will be structured in this way*:a) The list of the maximum 10 works considered by the candidate to be the most relevant for their own professional achievements, which are included in the 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, as amended;b) PhD thesis or theses;c) Patents and other industrial property titles;d) Books and chapters in books;e) Articles / studies in extenso, published in journals from the main international scientific stream;f) Publications in extenso, appeared in international specialized journals and presented at conferences;g) Other work and scientific contributions or, as the case may be, in the field of artistic creation.h) Candidates for the positions of university lecturer or scientific researcher II must include in the contest file at least 3 names and contact information of established national and/or international experts in the field, from outside of the higher education institution where position is advertised, and who agreed to provide letters of recommendation regarding the professional qualities of the candidate. i) Candidates for the positions of university professor or scientific researcher I must include in the contest file at least 3 names and contact information of established national and/or international experts in the field, from outside of the higher education institution where position is advertised, and who agreed to provide letters of recommendation regarding the professional qualities of the candidate. j) Candidates for the positions of university professor must submit proof of PhD supervision certificate.k) In the case of scientific fields with a Romanian specificity, the letters of recommendation for the candidates for the positions of university professor or scientific I may be from experts in the respective field in Romania, from outside of the higher education institution where position is advertised.***5. . The check sheet*** of meeting the standards of the university to take part in the competition, is provided within this methodology. The check sheet is completed and signed by the candidate, together with the supporting documents regarding all the results and information entered by the candidate in the file. The model of the check sheet will comply with the model from the national standard for the scientific field of the position.***6. Documents regarding PhD degree:*** certified copy as per the original of the PhD degree certificate and, if the degree is not recognized in Romania, the certificate of recognition or equivalence thereof;***7. The abstract of the doctoral thesis,*** in Romanian and in one language of international circulation***,*** of a maximum of one page for each language;***8. Declaration on own responsibility*** of the candidate indicating the incompatibility situations provided by Law no. 1/2011 in which they would be in case of winning the contest or the lack of these incompatibility situations;***9.*** Copies of other ***diplomas*** of the candidate's studies;***10.*** Copy of the ***identity card*** or, in case the candidate does not have an identity card, the passport or any other identity document deemed as equivalent to the identity card or passport;***11.*** In case the candidate changed his/her name, copies of the documents attesting change of name - ***marriage certificate*** or proof of name change;***12. Medical certificate*** issued by Labor Medicine, within the validity period;***13.*** Maximum of 10 publications, patents or other works of the candidate, in electronic format, selected by candidate and considered to be most relevant for own professional achievements;***14.*** The electronic format for the ***Curriculum vitae, the Worksheet and the Checklist*** must not exceed 3Mb in order to be uploaded to the M.E.N layout.***15.*** ***Document*** that includes potal address, e-mail address and telephone number of candidate;***16. A list*** of all submitted documents; ***17. A list*** of all submitted electronic documents;***18.* *Statutory statement*** regarding the conformity of the submitted documents. |