|  |
| --- |
|  |
| Recruitment for MANE researchers |
|  |

|  |  |  |
| --- | --- | --- |
| **Ⅰ** |  | Candidates and Eligibility |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Position** | **Field** | **Expected number of people** | **Detail Description** | **Eligibility and**  **Preferences** |
| Postdoctoral Researcher | Manufacturing | 1 | ￮ Research on manufacturing systems and machining processes (Development of numerical model for cryogenic machining process, development of mobile machining platform, Machining-based finite element method) | **[Eligibility]**  ￮ A holder of a Ph.D degree or planned to receive Ph.D in Feb 2020  **[Preferences]**  ￮ Related field majors  ￮ Related research experience  ￮ Special treatment for foreign language (English) fluent |
| Computational Solid Mechanics | 2 | ￮ stress wave propagation in metasystems  ￮ Data-Driven Computational Mechanics  ￮ Bridging of nano-meso scales (multiscale) in dislocation analysis |
| magnetic sensor | 1 | ￮ Research on magnetic sensor for biomedical applications ( magnetic induction tomography based on multi physics) |
| Nuclear reactor physics | 2 | ￮ Research on nuclear reactor physics  (Analysis of nuclear subcriticality and improvement of boron meter accuracy, MOC 2D/3D coupling method and CPU-GPU heterogeneous parallelization) |
| Researcher | Nuclear reactor physics | 1 | ￮ Research on nuclear reactor physics  (Nuclear reactor core loading pattern optimization) | **[Eligibility]**  ￮ A holder of a Master’s degree or planned to receive Master’s in Feb 2020.  **[Preferences]**  ￮ Related field majors  ￮ Related research experience  ￮ Special treatment for foreign language (English) fluent |
| Vibration & Seismic Metamaterials | 1 | ￮ Research on Vibration and Seismic Metamaterials(Metamaterials and Metasurfaces for Vibration and Seismic reduction - Theoretic investigation, design, numerical and experimental validations) |
| Carbon materials | 1 | ￮ Thermaly & electrical properties analysis of carbon based materials, mechanical properties analysis of carbon and metal composited material, efficiency enhancement of application on carbon based materials. |
| Nano Patterning | 1명 | ￮ Research on the synthesis of large area of 3D multiscale micro/nano patterns and structures |

**※ Notice**

1) No age and sex limit

2) A degree in Master for Researcher and Ph.D for Postdoctoral Researcher required for the job.

3) Applicants can apply only one field.

4) Candidates can be selected as candidates for employment, and candidates can be hired according to the candidates' rankings if the candidates for recruitment are found out or there are vacancies in the same field within six months of appointment.

|  |  |  |
| --- | --- | --- |
| **Ⅱ** |  | Contract |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Position** | **Term** | **Working hours** | **Monthly Pay** | **Remarks** |
| Postdoctoral Researcher | March or April  On 2020  \* Contract can last for maximum 1 year and can be renewed based on evaluation | -The five-day week -Working Hour:  9:00~18:00  -Recess: 12:00~13:00 | \2,500,000~\3,300,000 | \* Workplace: UNIST School of Mechanical and Nuclear Engineering  \* Salary can be changed depending on experiences in the field through discussion. Extra payment may occur.  \* Detail of contract can be revised by mutual consent with the Research PI. |
| Researcher  \*Nuclear reactor physics | 2020.03.16. ~ 2020.09.15 | -The five-day week  -Working Hour:  9:00~15:00  -Recess: 12:00~13:00 | \1,200,000 |
| Researcher  \*Vibration & Seismic Metamaterials | 2020.03.01 ~ 2020.08.31 | -The five-day week  -Working Hour:  10:00~18:00  -Recess: 12:00~13:00 | \1,600,000 |
| Researcher  \*Carbon materials | 2020.03.01 ~ 2020.08.31 | -The five-day week  -Working Hour:  9:00~14:00  -Recess: 12:00~13:00 | \900,000 |
| Researcher  \*Nano Patterning | 2020.03.01. ~ 2020.08.31 | -The five-day week  -Working Hour:  9:00~18:00  -Recess: 12:00~13:00 | \2,000,000 |

|  |  |  |
| --- | --- | --- |
| **Ⅲ** |  | Document Receipt and Selection Method |

○ Recruitment notice and documents submission period

- 2020.01.17.(Fri.) ~ 2020.01.31.(Fri) 18:00

○ Document Receipt Method: Recruiter E-mail(aloha@unist.ac.kr)

|  |
| --- |
| **※ How to apply**  **∙ The submitted documents are converted into PDF files (after scanning)**  **and sent by e-mail.**  **∙ Subject: 「Position-Recruitment Area: OOO(Applicant name)」**  **∙ Note: Applications should be received by 18:00 on the due date** |

○ Documents to be submitted

|  |  |  |
| --- | --- | --- |
| **Position** | **Submission documents** | **Remarks** |
| Postdoctoral Researcher | Applicant Form, Research Plan, Agreement to provide personal information to third parties | Refer to attachment |
| Researcher | Applicant Form, Personal Statement, Job and research performance report, Agreement to provide personal information to third parties |

○ When filling out the application form, the relevant documents must be prepared in advance. Successful applicants will be canceled due to erroneous input. All responsibility for harm lies with the applicant

○ According to blind employment, there is no entry of photograph, school name, credit, family relationship, family name, date of birth, and physical condition.

○ Selection Method: Document Screening, Interview

- If there is no qualified person as a result of the interview, the original number of candidates may be reduced or not selected.

- Those who are eligible for work protection are given additional points according to related laws (5% or 10% of the perfect scores by stage)

- In case of the disabled, additional points are granted to promote employment of persons with disabilities (5% of perfect scores by stage)

○ Recruitment candidate

- Job candidates are selected within the scope of the number of applicants in the order of the high score of the interview.

- In case of tie in each stage of the selection, (priority 1) veterans, (priority 2) persons with disabilities, (Priority 3) Non- metropolitan area talents, (Priority 4) female candidate (Priority 5) All applicants who are tied in the above stages will pass.

○ Final appointment

- Eligible physical examination or reasons for disqualification of employment under Article 33 of the National Civil Service Act. Those who have been rejected as a result are excluded from appointment.

- Persons whose identity has been identified as a result of an inquiry and a survey of candidates for recruitment (final interview candidates) in accordance with the original rules may be canceled through discussion.

- If a person is found to have a final appointment and has been found to be false, application forgery, or fraudulent employment is found, the appointment may be canceled if a reason for disqualification under Article 33 of the Civil Service is found.

- If an unsuccessful candidate wishes to retrieve one’s application document, request can be made within 2 weeks of announcement.

|  |  |  |
| --- | --- | --- |
| **Ⅳ** |  | Recruitment Schedule |

|  |  |  |
| --- | --- | --- |
| **Step** | **Schedule** | **Remarks** |
| Application Period | 2020.01.17. ~ 2020.01.31. | ~18:00 on 31st (15 days) |
| Documents review | 2020.02.03. ~ 2020.02.06. | Announcement of successful candidates: 2019.02.07.(Fri) |
| Interview | 2020.02.10. ~ 2020.02.13. | Announcement of successful candidates: 2020.02.14.(Fri) |
| Appointment | March or April on 2020 |  |

- Announcement will be individually sent to the successful candidates.

- Schedules may change depending on circumstances.

|  |  |  |
| --- | --- | --- |
| **Ⅴ** |  | Contact |

○ Ulsan Institute of Science and Technology (UNIST) School of Mechanical, Aerospace and Unclear Engineering

- Tel: (052) 217-3502, aloha@unist.ac.kr

- Address: 401-13, Bldg.112, Unist-gil 50, Eonyang-eup, Ulju-gun, Ulsan

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Applicant Form(Researcher) | | | | | | | | | | | | | | |
| Individual Information | Name | |  | | | | | | | | | | | |
| Address | |  | | | | | | | | | | | |
| Contact | | Tel(☏) | | |  | | | | Mobile Phone | | |  | |
| E-mail | | |  | | | | | | | | |
| Education | Period | | | Education | | | | | | | | | | |
| . . ~ . . | | |  | | | | | | | | | | |
| . . ~ . . | | |  | | | | | | | | | | |
| . . ~ . . | | |  | | | | | | | | | | |
| It is a principle to recruit without any educational background restrictions.  If there is no educational limit, after cell integration, “Not listed” | | | | | | | | | | | | | |
| WORK EXPERIENCE  AND  EMPLOYMENT  ACTIVITIES | Work | | PERIOD | | | | | | Department | | Task | | | Position |
|  | | . .～ . ( Y M) | | | | | |  | |  | | |  |
|  | | . .～ . ( Y M) | | | | | |  | |  | | |  |
|  | | . .～ . ( Y M) | | | | | |  | |  | | |  |
|  | | . .～ . ( Y M) | | | | | |  | |  | | |  |
| Certification | Qualifications/Licenses | | Acquisition date | | | | Issuer | | | Available programs | | | | |
|  | |  | | | |  | | | O.A | |  | | |
|  | |  | | | |  | | | Tools | |  | | |
|  | |  | | | |  | | | Etc | |  | | |
| Award | Date of winning | Name of Award | | | Awarding Institution | | | Language | Division | Conversation Level | | | | |
|  |  | | |  | | | English | Upper, middle, lower | | | | |
|  |  | | |  | | | Etc( ) | Upper, middle, lower | | | | |
|  |  | | |  | | | Official English Score | Testing institution : Grade Notification Date: | | | | |
|  |  | | |  | | | Grade: ( / ) | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Applicant Form(Postdoctoral Researcher) | | | | | | | | | | | | | | |
| Individual Information | Name |  | | | | | | | | | | | | |
| Address |  | | | | | | | | | | | | |
| Contact | Tel(☏) | | | |  | | | Mobile Phone | |  | | | |
| E-mail | | | |  | | | | | | | | |
| Education | Period | | Education | | | | | | | | | | | |
| . . ~ . . | |  | | | | | | | | | | | |
| . . ~ . . | |  | | | | | | | | | | | |
| . . ~ . . | |  | | | | | | | | | | | |
| Title of dissertation | |  | | | | | | | | | | | |
| It is a principle to recruit without any educational background restrictions.  If there is no educational limit, after cell integration, “Not listed” | | | | | | | | | | | | | |
| WORK EXPERIENCE  AND  EMPLOYMENT  ACTIVITIES | Work | PERIOD | | | | | Department | | | Task | | | | Position |
|  | . .～ . ( Y M) | | | | |  | | |  | | | |  |
|  | . .～ . ( Y M) | | | | |  | | |  | | | |  |
|  | . .～ . ( Y M) | | | | |  | | |  | | | |  |
|  | . .～ . ( Y M) | | | | |  | | |  | | | |  |
| Paper | Kinds | | | First Author | | | Corresponding Author | | | Co-Author | | | Remarks | |
| International | SCI | |  | | |  | | |  | | |  | |
| Non-SCI | |  | | |  | | |  | | |  | |
| Domestic | KCI | |  | | |  | | |  | | |  | |
| Award | Date of winning | | | | Name of Award | | | Awarding Institution | | | | Remarks | | |
|  | | | |  | | |  | | | |  | | |
|  | | | |  | | |  | | | |  | | |
|  | | | |  | | |  | | | |  | | |
|  | | | |  | | |  | | | |  | | |

**Personal Statement(Researcher)**

|  |  |  |  |
| --- | --- | --- | --- |
| Name |  | Field of Examination |  |

*※ Please feel free to write your motivation and application plan within 2 pages.*

*※ When writing a personal introduction, please do not include any information that directly or indirectly identifies the region of origin, gender, age, family relationship, physical condition (height, weight, appearance, etc.), and the name of the school.*

*※ When filling in this form, please delete all the blue colored lines.*

□ Motivation

□ Growth process

□ Personality (Pros and Cons)

□ Specialty

□ Internal and External Activities

□ Planning after joining

2020. .

Applicant (Signature)

**Job and research performance report(Researcher)**

*※ When writing a personal introduction, please do not include any information that directly or indirectly identifies the region of origin, gender, age, family relationship, physical condition (height, weight, appearance, etc.), and the name of the school.*

*※ When filling in this form, please delete all the blue colored lines.*

**□ Performance of Job**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **position** | **term** | **Tasks and contents** | **result** | **Remarks** |
|  |  |  |  |  |
|  |  |  |  |  |

- Etc.:

**□ Research Performance(paper or presentation)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Title** | **Journal or Conference Title** | **Publication or Presentation Date** | **Number of Authors** | **Remakrs** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

- Etc.:

2020. . .

Applicant: (Signature)

**Research Plan(Postdoctoral Researcher)**

|  |  |  |  |
| --- | --- | --- | --- |
| Name |  | Field of Examination |  |

*※ Please write your previous research performances and research plans within 2 pages.*

*※ Do not include any direct/indirect information about your region of origin, gender, age, family relation, physical conditions(height, weight, appearance etc), name of graduated school and name of advisor in the research plan.*

*※ When filling in this form, please delete all the blue colored lines.*

**1. Previous research performance**

**- Representative Journal Publication (Maximum 3)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Journal** | **Date of Publication** | **Number of Authors** | **Contribution**  **(First/Co/Corresponding)** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |

*Please write your previous research projects and performances including researches in your Master/Ph.D program. (Do not include any specific personal information)*

**2. Research Plans**

*Please write your research plan during Postdoc in UNIST School of Mechanicals and Nuclear Engineering.*

2020. ○○. ○○.

Name : (Signature)

**Agreement to provide personal information to third parties**

|  |  |  |  |
| --- | --- | --- | --- |
| **Agency** | **Collected Items** | **Purpose of Collection** | **Possession · Usage Period** |
| UNIST | Name, Address, Mobile phone number, E-Mail | Confirm your identity and fill out the application form | Until recruitment |

○ You have the right to refuse to provide personal information.

○ The above personal information is necessary for the personal identification and service provision of the UNIST OOO department. If you refuse to provide a third party, there may be disadvantages in determining eligibility for support.

**Name:**

**Address:**

**Mobile phone number:**

**E-Mail:**

□ Agree □ I do not agree

|  |
| --- |
|  |

2020. . .

Name: (Signature)