

# Recruitment for MANE researchers

## I Candidates and Eligibility

Position	Field	Expected number of people	Main Tasks, Eligibility and Preferences
Researcher (Post-Doc)	System Control / Autonomous Driving / Smart Sensor Network	1	<p><b>[Main Tasks]</b></p> <ul style="list-style-type: none"> <li>- Autonomous driving key technology development including but not limited to perception, motion planning, and control</li> <li>- Integrated autonomous driving platform implementation and main S/W &amp; H/W module integration</li> <li>- A.I. and control theory integrated algorithm development and demonstration</li> <li>- Smart sensor module development and design</li> </ul> <p><b>[Eligibility]</b></p> <ul style="list-style-type: none"> <li>- Holding or expected to hold a Ph.D degree by Aug. 2020</li> <li>- Publishing at least one paper during recent 3 years</li> </ul> <p><b>[Preferences]</b></p> <ul style="list-style-type: none"> <li>- Smart sensor module and/or autonomous vehicle related research and development experience</li> <li>- A.I. related research experience</li> <li>- Journal/conference publication record and/or patent</li> <li>- S/W development experience with diverse programming Language</li> </ul>
	Numerical Analysis of Engine Combustion	1	<p><b>[Main Tasks]</b></p> <ul style="list-style-type: none"> <li>- Simulations of Engine Combustion Using OpenFOAM</li> <li>- Simulations of Dual Fuel Engine Combustion Using a DNS Code and Write Papers</li> </ul> <p><b>[Eligibility]</b></p> <ul style="list-style-type: none"> <li>- A person who has a Ph.D. in science and engineering or is expected to obtain a Ph.D. in August 2020</li> </ul> <p><b>[Preferences]</b></p> <ul style="list-style-type: none"> <li>- A experienced person in OpenFOAM</li> <li>- English-speaking person</li> </ul>

### ※ Notice

- 1) No preference given to age or sex;
- 2) A Ph.D. for Postdoctoral Researcher is required;
- 3) Applicants can apply to only one field;
- 4) Candidates may be selected for employment and may be hired according to their rankings if other vacancies in the same field become available within six months of appointment; and
- 5) Career or qualifications in each fields' requirement or preferred conditions must be supported with proofs such as certificates. In case submitted proofs are confirmed as false documents, acceptance can be cancelled.

## II Contract

Position	Term	Working hours	Monthly Pay	Remarks
System Control / Autonomous Driving / Smart Sensor Network	2020.09.01 ~ 2021.08.31	-The five-day week -Working Hour 9:00~18:00 -Recess 12:00 ~ 13:00	₩4,000,000	* Workplace: UNIST School of Mechanical and Nuclear Engineering
Numerical Analysis of Engine Combustion	2020.09.01 ~ 2021.02.28	-The five-day week -Working Hour 10:00~15:00 -Recess 12:00 ~ 13:00	₩1,000,000	

\* Salary can be changed depending on experiences in the field through discussion. Extra payment may occur.

\* Details of the contract can be revised by mutual consent with the Project PI .

## III Document Receipt and Selection Method

○ Recruitment notice and documents submission period

- 17th July 2020 – 31th July 2020 @ 18:00

○ **Document Receipt Method:** Recruiter E-mail([invitation-ns@unist.ac.kr](mailto:invitation-ns@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
Researcher (Post-doc)	Applicant Form, Research Plan, Agreement to provide personal information to third parties	Refer to attachment

- 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 to be no submission 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, 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)
- Additional points are granted to the disabled in order to promote employment of persons with disabilities (5% of perfect scores by stage)

○ **Final appointment**

- Under article 33 of the National Civil Service Act regarding the disqualification conditions of the appointment of national civil services, successful candidates who are applicable of the disqualification conditions or failed in physical examination will be 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 have submitted false information, application forgery, or fraudulent employment, the appointment may be canceled as per Article 33 of the Civil Service Act.
- If an unsuccessful candidate wishes to retrieve one's application document, request can be made within 2 weeks of announcement.

## **IV Recruitment Schedule**

<b>Step</b>	<b>Schedule</b>	<b>Remarks</b>
Application Period	2020.07.17 ~ 2020.07.31	~18:00 on 31th July
Documents review	2020.08.05 ~ 2020.08.07	Announcement of successful candidates: 2020.08.11
Interview	2020.08.12 ~ 2020.08.14	Announcement of successful candidates: 2020.08.18
Appointment	September on 2020	

\* Schedules are subject to change.

## V Contact

- Ulsan Institute of Science and Technology (UNIST) School of Mechanical, Aerospace and Nuclear Engineering
- Tel: (052) 217-3502, [invitation-ns@unist.ac.kr](mailto:invitation-ns@unist.ac.kr)
- Address: 401-13, Bldg.112, Unist-gil 50, Eonyang-eup, Ulju-gun, Ulsan