University of Kashmir
Hazratbal, Srinagar,
Jammu & Kashmir,
India, 190006
(**"University"**)

Arm India University Program
Arm Embedded Technologies Pvt. Ltd.,
Bagmane World technology Center-
SEZ, Citrine Block,
5th Floor, Marathahalli Outer Ring Road,
Mahadevapura,
Bangalore -560048, Karnataka, India
(**"Arm"**)

Memorandum of Understanding (MOU)

Arm is a leader in microprocessor intellectual property and designs and licenses fast, low-cost, power-efficient processors, peripherals, 'system-on-chip' solutions for embedded control, graphics processors, subsystems, physical IP and tools. The Arm India University Program (**"AUP"**) encourages the use of Arm technology in education by the provision of education kits comprising teaching materials and software tools for educational purposes.

The **University of Kashmir** was founded in the year 1969 after the bifurcation of the erstwhile University of Jammu and Kashmir established in 1948. The University is committed to provide an intellectually stimulating environment for productive learning to enhance the educational, economic, scientific, business and cultural environment of the region. The University offers programmes in all the major faculties; Arts, Business & Management Studies, Education, Law, Applied Sciences & Technology, Biological Sciences, Physical & Material Sciences, Social Sciences, Medicine, Dentistry, Engineering, Oriental Learning and Music & Fine Arts. It has been constantly introducing innovative/ new programmes to cater to the needs and demands of the students and the society. Over the University has expanded substantially with its campuses at Anantnag, Baramulla, Kupwara, Kargil, Leh and Jammu having representation in all three regions of the state of Jammu and Kashmir.

The Arm India University Program (AUP) and University wish to engage with one another in order to provide students with a better understanding of fundamental engineering concepts and enable them to apply these concepts to overcome challenges of society. The AUP enables the use of Arm technology by academics (**"faculty"**) in a university curriculum for the elucidation of these concepts.

The purpose of this MOU is to record the mutual interest of the AUP and University in promoting and furthering the relationship with each other. While the parties wish to make clear their support of, and enthusiasm for, the activities outlined in this MOU, this MOU is not intended to create any legally binding relationship between the parties.

Roles and responsibilities

University to:

- Encourage their faculty to use the teaching materials provided in the Education Kits.
- Provide a letter of approval from authorized university personnel to the AUP for courses to be augmented with the Education Kits.
- Encourage their faculty to provide the AUP with feedback on the teaching materials in the Education Kits.
- Encourage students to participate in the Annual Arm Student Design Challenge.
- Provide updates to the AUP every six months on courses/labs using the Education Kits.
- Install the Arm Keil Pro software development tool licenses provided in the Kits, and, whenever required, request renewals of the licenses a month before the licenses expire.
- Provide a link to **https://www.arm.com/resources/education/education-kits** on its website and carry a description of the Education Kits. University shall coordinate with the AUP on the text to be used and shall make such updates as Arm may reasonably request from time to time.
- University to provide updates to the AUP through quarterly reports and face to face review meetings.

Arm to:

- Support the pedagogy used in teaching the core subject areas of Electrical/Electronics and Computer Engineering, and Computer Science with the help of the following materials to be licensed free of charge to the teaching faculty at University subject always to export control laws and the applicable licence terms:

  Teaching materials for the following courses:

  1. Efficient Embedded Systems
  2. Rapid Embedded Systems
  3. Digital Signal Processing
  4. Real-time Operating Systems
  5. Basic SoC Design around a real ARM Cortex-M0 core
  6. Advanced SoC Design around the dual-core ARM Cortex-A9
  7. Internet of Things
  8. Graphics and Gaming
  9. Embedded Linux
  10. Mechatronics and Robotics

  One hundred floating licenses of Arm Keil Pro Software Development Tools to be licensed free of charge for a period of 1 year. The commercial value of these licenses is approximately US $50,000.00 for each Institute.

If for any reason Arm and University are unable to resolve a dispute between them arising under this MoU, either party shall notify the other in writing that a dispute exists and request a final determination. Any such request by the party shall be clearly identified by reference to this clause and shall summarize the facts in dispute and the party's proposal for resolution. The validity, construction and performance of this MoU shall be governed by the laws of India. The validity

period of the MOU shall depend upon the mutual consent of the parties, however, in case any party intends to discontinue with the MOU, it shall give one month prior notice to the other party for such purpose.

If you have any queries, please contact apurva.varma@arm.com.

Please sign and return a copy of this MOU to indicate your acknowledgment and acceptance of its terms.

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For Arm India University Program, India, on behalf of Arm Embedded Technologies Pvt. Ltd.

Signature: _____

Name: SATHYANARAYANAN SARGUNESAN

Designation: DIRECTOR

Date: _____

Place: BANGALORE

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<td>

For University of Kashmir

Signature: _____

Name: Prof. Akbar Masood

Designation: Dean Academic Affairs

Date: 2nd April, 2019

Place: Kashmir University, Srinagar

Dean Academics
University of Kashmir
Srinagar-190006

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