

[ ४ ] सोलापूर विद्यापीठ, सोलापूर व Arm University Alliance Program, bangalore यांचेमध्ये करण्यात आलेल्या सामंजस्य कराराची Memorandum of Understanding (MoU) मा. कुलगुरु महोदयांनी केलेली कार्यवाही व्यवस्थापन परिषदेच्या माहितीस्तव.

(टिपणी: Dr. Sachin R. Gengaje, Head and Professor, Dept. of Electronics Engineering, Walchand Institute of Technology, Solapur यांनी दि. १८/०७/२०१८ रोजीच्या ईमेलद्वारे सोलापूर विद्यापीठ व Arm University Alliance Program यांचेमध्ये Memorandum of Understanding (MoU) चा मसूदा खालील कामांसाठी तयार केला असून त्यास मान्यता मिळावी, अशी विनंती केलेली होती.

Encourage 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 faculty to provide the AUP with reedback on the teaching materials in the Education Kits.

Encourage students to participate in the Annual Arm Student Design Challenge organized and conducted by Advanced Computing and Communications Society (ACCS) on behalf of Arm and its ecosystem of partner companies.

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. Solapur 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.

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 [Solapur University], subject always to export control laws and the applicable licence terms:

Teaching materials for the following courses :

Efficient Embedded Systems

Rapid Embedded Systems

Digital Signal Processing

Real-time Operating Systems

Basic SoC Design around a real ARM Cortex-M0 core

Advanced SoC Design around the dual-core ARM Cortex-A9

Internet of Things

Graphics and Gaming

Embedded Linux

Mechatronics and Robotics

One hundred floating licenses of Arm Keil Pro Software Development Tools for a period of 1 year. The commercial Value of these licenses is approximately US \$50,000.00.

उपरोक्त MoU चा मसूदा दि. २४/०७/२०१८ रोजीच्या टिपणीच्या विधी व सल्लागार विभागाचा अभिप्राय मिळणेस्तव मा. कुलगुरु महोदयांची मान्यता घेवून दि.२५/०७/२०१८ रोजी विधी व सल्लागार विभागास पाठविण्यात आले होते. विधी व सल्लागार विभागाचे सदर कराराच्या मसूद्याबाबतचे मत खालीलप्रमाणे आहे.

2



Arm University Program  
Arm Limited, Bagmana World technology  
Center- SEZ, Citrine Block,  
11th Floor, Marathahalli Outer Ring Road,  
Doddanakundi Village,  
Mahadevapura,  
Bangalore -560048,  
Karnataka, India

Solapur University, Solapur  
Dnyanteerth Nagar, Kegaon,  
Solapur-Pune National Highway,  
Solapur- 413255,  
Maharashtra, India

### 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 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.

Solapur University is set up to create students of impeccable quality through a combination of high quality curricula, innovative pedagogy of higher education and cutting edge research to fearlessly face the challenges of the ever changing world scenario and to contribute towards creation of a benevolent and compassionate society.

The Arm University Program (AUP) and Solapur 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 Solapur University with its affiliated colleges of Engineering & Technology 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

Solapur University(with its affiliated colleges of Engineering & Technology) to:

- Encourage 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 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 organized and conducted by Advanced Computing and Communications Society (ACCS) on behalf of Arm and its ecosystem of partner companies.
- Provide updates to the AUP every six months on courses/labs using the Education Kits and /or software resulting into number of projects completed / in process and research papers published / in process by students and faculty.

- 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 also on the website of the affiliated colleges benefited through this MOU and carry a description of the Education Kits. Solapur 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.

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 of Solapur University with its affiliated colleges of Engineering & Technology, 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 System on Chip Design
6. Advanced System on Chip Design
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 for a period of 1 year. The commercial value of these licenses is approximately US \$50,000.00.

If you have any queries, please contact [apurva.varma@arm.com](mailto:apurva.varma@arm.com).

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

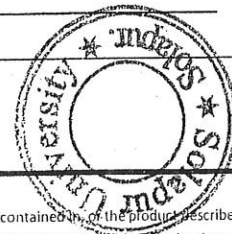
Yours sincerely,

*Apurva Varma*

Apurva Varma  
Regional Manager, Arm University Program, India  
Date: 12<sup>th</sup> September, 2018



For Solapur University
Signature: _____ <i>Dr. G.R. Manza</i>
Name: <u>Dr. G.R. Manza</u>
Designation: <u>Registrar</u>
Date: <u>12 SEP 2018</u>
Place: _____



All brand names or product names are the property of their respective holders. Neither the whole nor any part of the information contained in this document may be adapted or reproduced in any material form except with the prior written permission of the copyright holder. The product described in this document is subject to continuous developments and improvements. All particulars of the product and its use contained in this document are given in good faith. All warranties implied or expressed, including but not limited to implied warranties of satisfactory quality or fitness for purpose are excluded. This document is intended only to provide information to the reader about the product. To the extent permitted by local laws Arm shall not be liable for any loss or damage arising from the use of any information in this document or any error or omission in such information.

**arm**