

## Transcript of Records

Student Registration Number

1410284010

First Name(s) FAMILY NAME <b>Pratap RENUKASWAMY</b>	Date of Birth <b>27 September 1990</b>
Master Degree Program <b>Integrated Systems and Circuits Design</b>	Degree Program Number: <b>0284</b>

Pratap RENUKASWAMY, enrolled as a student at Carinthia University of Applied Sciences on 30 September 2014, achieved the following results by 13 June 2016:

Course Unit Code (1)	Course title	Course type (5)	Sem.	Hrs/W	ECTS credits (4)	Duration (2) / Date	Grade (3)
M-ISCD-1.06	Basics in Systems and Circuits Theory	ILV	1	2	2.50	1S / 29.01.2015	1
M-ISCD-1.04	Design of Analog Integrated Circuits	ILV	1	5	7.50	1S / 25.02.2015	1
M-ISCD-1.02	Design of Digital Integrated Circuits	ILV	1	4	6.00	1S / 10.02.2015	1
M-ISCD-1.07c	German 1	SE	1	2	2.00	1S / 18.02.2015	1
M-ISCD-1.03	Integrated Circuits Technology	ILV	1	2	3.00	1S / 17.12.2014	1
M-ISCD-1.01	Introduction to Computer Aided Design	ILV	1	4	6.00	1S / 23.01.2015	2
M-ISCD-1.05	Introduction to Project	PT	1	2	3.00	1S / 05.03.2015	1
M-ISCD-2.01	Advanced Topics in Analog Integrated Circuits	ILV	2	5	7.50	1S / 15.07.2015	1
M-ISCD-2.03	Computer Aided Design	ILV	2	2	3.00	1S / 27.05.2015	1
M-ISCD-2.04	Digital Design with HDL	ILV	2	5	7.50	1S / 27.07.2015	2
M-ISCD-2.05	IC Design and Implementation	PT	2	4	5.50	1S / 30.06.2015	1
M-ISCD-2.02	System Modeling and Verification - Digital	ILV	2	3	4.50	1S / 08.05.2015	2
M-ISCD-3.03	Analog and Mixed Signal ICs for Communication Systems	ILV	3	3.50	5.00	1S / 23.02.2016	1
M-ISCD-3.10	Arithmetic Modules for VLSI/SoC Design	ILV	3	3.50	5.00	1S / 11.02.2016	1
M-ISCD-3.02	IC Evaluation	PT	3	1.50	2.50	1S / 03.02.2016	1
M-ISCD-3.05	Integrated Data Converters	ILV	3	3.50	5.00	1S / 27.11.2015	1
M-ISCD-3.12	Smart Power	ILV	3	3.50	5.00	1S / 16.02.2016	1
M-ISCD-3.07	System Modeling and Verification - Analog	ILV	3	2	3.00	1S / 22.01.2016	1
M-ISCD-3.01	Testing of Integrated Circuits	ILV	3	3.50	4.50	1S / 29.01.2016	2


**TOTAL 88.0 ECTS credits.**

Date of Issue

13 June 2016

Program Director

FH-Prof. Dipl.-Ing. Erwin Ofner

Signature Value	dC59avTzy5BDSj3Umq785hV4ukKB2xvjL/g+palXnTzCwIbDRccPOLdbmltK6KREb5Q6dWhGprKXcbhD+qv891rPpIxnBs wBcxOqM2nCH/pGuf/ayuz+HHd5FnhBNY9ykKzKC6Y4DeES+owxumctY52SiEh40trATHni j2fWygMtbQNWEAs3r/4qjngn LmQY/u9QxHz5i9lLg9VzyVdPdWouK7t1WirT8qoV4v1P6v6qygFSqaJ9m+TuL/9cgvJWPsPVKRLjv6141B6ehw8pSyAEPQ p1KDBBttuDI/iOSZ/p//Jbir+G02EncQXCDkSorKtJStCzKmlT4bI4ii6OGg==	
	Signatory	Fachhochschule Kärnten - gem. PS
	Issuer-Certificate	CN=a-sign-corporate-light-02,OU=a-sign-corporate-light-02,O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH,C=AT
	Serial-No.	1209299
	Method	urn:pdfsigfilter:bka.gv.at:text:v1.2.0
	Parameter	etsi-bka-moa-1.0
Verification	Signature verification at: <a href="http://www.signature-verification.gv.at">http://www.signature-verification.gv.at</a>	
Date/Time-UTC	2016-06-13T21:10:46+02:00	

## Explanations

- (1) Course Unit Code  
Information available via Internet under <http://www.cuas.at>
- (2) Duration of course unit  
Y - 1 academic year  
1S - 1 semester
- (3) Description of the grading system

Austrian Grading scheme	Definition
1	EXCELLENT: Outstanding performance
2	GOOD: Generally good, but with some errors
3	SATISFACTORY: Generally sound work with a number of substantial errors
4	SUFFICIENT: Performance meets the minimum criteria
5	INSUFFICIENT: < 50% Substantial improvement necessary; requirement of further work
Successfully completed	Positive performance, where a strict differentiation is not adequate
Not completed	Negative performance, where a strict differentiation is not adequate

- (4) ECTS credits  
1 academic year = 60 credits  
1 semester = 30 credits
- (5) Course type  
ILV - Integrated Course  
PT - Project Work  
SE - Seminar

### List of abbreviations

Sem. - Semester according to curriculum  
Hrs/W - Hours per week  
m.E.t. - Successfully completed  
rec<sup>1</sup> - recognized  
rec<sup>2</sup> - recognized, study abroad  
rec<sup>3</sup> - recognized, prior learning achievements  
rec<sup>4</sup> - recognized within a Double Degree Program