



Memorandum of Understanding

between

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, India
and Algebra University College, Croatia

This agreement is made between the **Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, 400 Feet Outer Ring Road, Avadi, Chennai – 600 062, Tamil Nadu, India** hereafter referred to as (Vel Tech), and the **Algebra University College, Croatia, Ilica 242, HR-10000, Zagreb**, hereafter referred to **Algebra**.

Purpose of the Agreement

Vel Tech and **Algebra** agree by mutual consent to cooperate in following activities :

- Student exchange
- Mutual promotion of Summer / Winter schools
- Teacher exchange
- Joint funding proposal
- Research collaborations
- Internationalization of Curriculum Development

Responsibility of Both Parties

Vel Tech will cooperate with Algebra in applying joint funding proposal for research grant, research workshop, and international travel grants for visiting each universities. The main purpose of the collaboration is to establish and develop scientific collaboration in the field of education and research as well as exchange students and teachers.

On behalf of

Algebra University College



Visoko učilište Algebra
Ilica 242, 10000 Zagreb
O.B: 14575159920

Mislav Balković, PhD 10/9/2018

On behalf of

Vel Tech Rangarajan Dr.Sagunthala
R&D Institute of Science & Technology,
India



Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Est. u/s of UGC Act, 1956)

Col. Prof. Vel. Dr. R. Rangarajan
Founder Chancellor
& President

Prof.R.Rangarajan
Founder President

06 SEP 2018



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

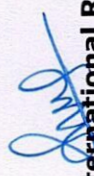
Algebra University College, Croatia

Name of the Research Institute/University/ Organization	Country	Duration of the Agreement	Academic Year	Date of Signing	Date of Expiry	Purpose/Activities
Algebra University College	Croatia	Not Specified	2018-19	10.09.2018	Not Specified	To cooperate in student exchange; Mutual promotion of summer / winter schools; Teacher exchange; Joint funding proposal; Research collaborations; Internationalization of curriculum development

Actual Activities with Algebra University College, Croatia	
A.Y. 2018-19	Faculty Mobility (Incoming - Short Courses) - 1
A.Y. 2019-20	Faculty Mobility (Incoming - Short Courses) - 1 Faculty Mobility (Incoming - Guest Lecture) - 1


MoU Coordinator




Dean - International Relations

Dr. P. Suresh
Dean -International Relations

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

School of computing

Department of Computer Science Engineering

Specialized one credit course on

“New Game Development Paradigm with Unity”

(1157CS942)

by

Prof. Dr. Goran Dambic

Algebra University, Croatia



Held on

Date: February 4 to 8, 2019

goran.djambic@gmail.com
+385 95 818 6740

Goran Djambic, PhD, is the Head of the Software Engineering Department at the University College Algebra. He previously worked as a Software Architect at M San Group and Croatia Airlines. He earned his BSc and MSc at the Faculty of Electrical Engineering and Computing and his PhD at the Faculty of Humanities and Social Sciences at the University of Zagreb. He is the author of several research and professional papers in topics of programming, databases, information systems and higher education qualifications frameworks. His current areas of interest include designing and developing modern web information systems, application of machine learning models in higher education and development in Internet of Things area.

In his professional career, Goran has been mostly working with web applications, as he has been designing, building and supporting them since 1999. Today, his favourite web application architecture includes SQL Server, ASP.NET C# MVC, LLBLGEN Pro ORM and jQuery+Bootstrap.

Together with programming skills, Goran has been brushing up on his teaching skills by holding numerous professional programming courses, high school courses and technical conference sessions in Croatia, Serbia, Slovenia and Malta.

Currently, Goran's intensively studying machine learning applications in MATLAB, C# and Python and Internet of Things applications with Arduino/C++ and RaspberryPi/Python.

Education

Doctor of Philosophy (PhD) 2007 – 2011

Faculty of Humanities and Social Sciences, Zagreb

Thesis title: Database optimization in multiuser environment

Master of Science (M.Sc.) 2001 – 2007

Faculty Of Electrical Engineering and Computing, Zagreb

Final work title: Analysis of multiple access control protocols in WDM networks

Bachelor of Science (B.Sc.) 1996 – 2001

Faculty Of Electrical Engineering and Computing, Zagreb

Final work title: Implementation of application based on H.323 protocol for carrying Voice over IP

Relevant papers

Mateljan, Vladimir; Đambić, Goran. **Decomposition of relational schema without loss of information** // The Future of Information Sciences INFUTURE2007: Digital Information and Heritage / Seljan, Sanja ; Stančić (ur.). Zagreb : Odsjek za informacijske znanosti, Filozofski fakultet, 2007. Str. 335-341.

Mateljan, Vladimir; Đambić, Goran; Juričić, Vedran. **Modern Presentation Technologies in Distant Learning Systems** // Infomedia, The International Journal on Informatics and New Media in Education. 2 (2009) , 1; 48-51 (pregledni rad, znanstveni).

Mateljan, Vladimir; Juričić, Vedran; Đambić, Goran. **Content Management Systems in Education.** // The International Journal on Informatics and new Media in Education INFOMEDIA. 1 (2008) ; 103-108 (članak, znanstveni)

Mateljan, Vladimir; Drenovac, Sergej; Đambić, Goran. **System for the Introduction of Information systems to Higher Education Administrations Conforming to the Bologna Process** // The International Journal On Informatics and New Media in Education INFOMEDIA / Milan Stepanović (ur.). Sombor : Pedagoški fakultet u Somboru Centar za izdavačku delatnost, 2008. 197-201 (međunarodna recenzija,objavljeni rad,znanstveni).

Đambić, Goran; Bažant, Alen. **Performance Analysis of Aloha-based MAC Protocols for Optical WDM Networks** // Proceedings of 27th International Conference on INFORMATION TECHNOLOGY INTERFACES / Lužar-Stifler, Vesna ; Hljuz Dobrić, Vesna (ur.). Zagreb : SRCE, 2005. 537-542 (predavanje,međunarodna recenzija,objavljeni rad,znanstveni)

M. Balković, G. Đambić and Z. Jančić. **Model of Information System for recognition of non-formal and informal learning in higher education.** MIPRO 2015.

Head of the Software Engineering Department, System Architect, Lead Software Engineer

May 2009 –
present

Algebra Company, Zagreb, Croatia

Has dual responsibilities in this company: an architect and lead developer of ALPS information system and the head of the software engineering department.

Most important project: **ALPS information system**

C# ASP.NET Web Forms Entity Framework ORM SQL Server SQL query optimization
JavaScript jQuery AJAX CSS HTML WCF web service SVN legacy upgrade

Began in 2007 as a contractor in planning and executing upgrade from legacy ASP+Access application to modern web information system. After that, in charge of writing functional specifications, designing architectural changes and leading a team of developers and testers in implementing new features. Information system is comprised of back-office C# ASP.NET Web Forms web application, four front-end web applications (currently servicing just above 100.000 registered users) and one WCF web service, all backed up by a SQL Server OLTP and reporting databases.

System Architect, Lead Software Engineer

2007 –
May 2009

Keito Systems Company, Zagreb, Croatia

Involved in requirement analysis, architectural design and programming as part of a team and in testing, delivering and managing lifecycle for our clients.

Most important project: **PRESSCUT** (<https://www2.presscut.hr/en/>)

C++ MFC OCR ActiveX C# Windows Forms DevExpress ASP.NET Web Forms SQL Server
SQL query optimization large scale ETL

Involved in envisioning, planning and implementing of an information system for daily newspaper analysis and delivery. System consists of multiple C# desktop applications that scan newspaper pages and deliver them to a network message queue; another set of C++ MFC desktop applications take one page at a time, recognize articles and pictures on it, perform an OCR (using Abbyy OCR engine) and place them in SQL Server database; finally, third set of C# desktop applications analyse the articles and prepare them to be sold and delivered on C# webshop.

System Architect, Lead Software Engineer

2005 – 2007

Croatia Airlines Company, Zagreb, Croatia

Involved in gathering user requirements and proposing solution based on existing IT landscape, creating an architecture and work as part of a team on implementing it and delivering to production.

Most important project: **MILES&MORE INTEGRATION WITH LUFTHANSA**

C# background service FTP SQL Server scheduled SQL job auto error correction stored procedure Lufthansa communication protocol ASP.NET Web Forms

Involved in envisioning, planning and implementing of a semi-automated workflow information system for collecting textual messages containing Miles&More passenger data for Croatia Airlines flights. C# background service collects messages from various airports and stores them in SQL Server database. In the database, scheduled SQL job automatically corrects well-known errors, cross-references data with other Croatia Airlines systems (Ticketing, Boarding ...) and finally delivers data to Lufthansa Systems for mileage accrual. Web application was built on top in order to allow corrections for specific errors and for data rejected from Lufthansa.

Senior software developer

2004 – 2005

M SAN / King ICT, Zagreb, Croatia

Involved in numerous smaller and some larger internal projects as a senior software developer with responsibilities of working as part of a programming team on implementing functional specification and delivering to production.

Most important project: **SEMI-AUTOMATED ASSEMBLY LINE**

C embedded system network programming C# ASP.NET Web Forms SQL Server web service

Involved in implementing the semi-automated desktop computer assembly line. System consists of one central control C# Web forms application that communicates by UDP protocol with multiple embedded systems that control line's hardware (lifts, stoppers, semaphores, RFID readers ...) Embedded systems have 1 MB of RAM and run C applications that send and receive UDP packages and communicate with line's hardware. Central control application communicates by means of web service with company's ERP system and by UDP with embedded systems.

Junior software developer

2000 – 2004

IT Center

Involved in numerous projects as a junior developer.

Freelancer

2004 –
present

Most important project: **MEDICALBIT (Hospital Information System)**

C# ASP.NET MVC LLBLGEN Pro PostgreSQL JavaScript jQuery jQueryUI HTML CSS XML
AJAX Knockout.js Mono jqgrid.js Highcharts.js iTextSharp SVN

Joined Acrobyte's team as a programmer in 2013 and been working on implementing new features since. MedicalBit is a web application for supporting hospital processes and is currently used at Hospital For Pulmonary Diseases in Zagreb, Croatia.

Most important project: **PHARMA EXPERT MATRIX (matrix.pharmaexpert.hr)**

C# ASP.NET MVC LLBLGEN Pro PostgreSQL JavaScript jQuery jQueryUI Bootstrap.js
HTML CSS XML AJAX Knockout.js jqgrid.js Chart.js iTextSharp SVN

Together with four more owners, Goran started a Pharma Expert Matrix project in 2015 in order to support quality assurance processes in pharmacies in Croatia, Turkey and Oman. Currently, project is in its final development stages and will be ready for the production by the end of 2016.

Professional skills

	Experience	Level (1 – 10)
C#	14 yrs	9
C++	16 yrs	5
ASP.NET Web Forms	14 yrs	9
ASP.NET MVC	5 yrs	7
Windows Forms	16 yrs	8
WPF	9 yrs	5
JavaScript	16 yrs	8
CSS	16 yrs	8
Entity Framework	6 yrs	8
LLBLGEN Pro	2 yrs	4
MS SQL Server	16 yrs	10
PostgreSQL	1 yrs	2
Machine Learning	2 yrs	3

Social Skills

Positive, optimistic, ambitious, organized, enjoys to work with more experienced people. Always ready to learn.

Hobbies

Football, Education, Reading, Cycling

Languages

English	Excellent
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German	Fair
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Russian	Poor
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Name of the professor: Prof. Dr. Goran Djambic (CV Attached)

University & country: Algebra University, Croatia

Proposed Title: New Game development Paradigm with Unity

Course Description: In this course we will cover the new Entity Component System (ECS) for Unity game development framework. The new framework presents a significant change to current approach to game development with Unity by forcing us to write high-performance code by default, instead of worrying about performance later. In order to illustrate these new key concepts of ECS, a functional game will be developed fully in ECS.

Level: intermediate

Target audience: student who have some experience in game development with Unity. Alternatively, this course can be taught at beginner level, concentrating more on basic concepts and less on changes to current programming paradigms in Unity.

Proposed dates: April 3-7, 2020 (300Hrs)

Dear Dr. S. Sivaperumal,

Here is a list of topics for the course:

- Unity classic model: scene, GameObjects, MonoBehaviours
- Coordinate system, translation, rotation, scaling
- Sprites and animations
- Levels and level design
- UI layer
- Collisions
- Object pooling, Singleton pattern
- Particle system
- Music and audio effects
- Unity ECS model
- Unity ECS and jobs

DA/8001
24/09/18.



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. n/s 3 of UGC Act, 1956)

Directorate of International Relations
Visiting Professor Programmes

Details of Professor & Course:

Name of the Professor	Prof. Dr. Goran Djambic (CV Attached)
University & Country	Algebra University, Croatia
Title of the Course	New game development paradigm with Unity ECS
Department	Computer Science and Engineering
Dates of the Course	February 4-8, 2019
Total No. of Hours	20
No. of Credits	1
Course Content	Attached

Prepared by:

[Signature]

Coordinator – Directorate of Intl. Relations

Forwarded by:

[Signature]
17/08/18.

Director – Directorate of Intl. Relations

[Signature]
24/9/18
HOD

Dean

[Signature]
Director (Academic)
Director Academics

[Signature]
3/10/2018
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. n/s 3 of UGC Act, 1956)

Course: 1157 CS942

SNo	Stu_Id	Stu_Name	Stu_Degree	Stu_Branch	Stu_Test_SubjectCode	Stu_Test_SubjectName	Stu_Subject_PassFail	Stu_Grade
1	VTU6349	SATHYA. S	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
2	VTU8538	BINNI KUMARI	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	C
3	VtU8251	PENDELA PRUDHVINATH	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	S
4	VtU7076	NIRAJ KUMAR PATEL	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	C
5	VtU7118	PRASETA DAS	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
6	VtU7123	GUDHATI PRANAY KUMAR REDDY	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
7	VtU7162	DODDALA NAGARAJU	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
8	VtU7925	SHAIK MOHAMMAD SOHAIL	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
9	VtU7984	VADAKATTU PRAVEEN KUMAR	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
10	VtU8011	VUYYURU SRAVANI	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
11	VtU8786	DANDURI VINDHYA	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
12	VtU7042	MARREDDY SRI HARSHAVARDHAN REDDY	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
13	VtU10545	RIJAN ACHARYA	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
14	VtU10600	RAUSHAN KUMAR	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
15	VtU10666	ADARSH ROUNIYAR	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
16	VTU6176	THATHA SIVA	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
17	VtU10242	K.RAJA SEKHAR	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
18	VtU10262	RAVI RANJAN	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
19	VtU10266	LOYE SAI SUBHASH YADAV	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
20	VtU10291	PIDIKITI VENKAT RAMANJANEYULU	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	C
21	VtU12912	BHUVANESH V	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
22	VtU9526	NAGARAM HEMA MADHURI	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
23	VtU8789	K.UMA SUDAN	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
24	VtU8793	SURIYAA V	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
25	VtU8891	SRIDHAR.R.V	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
26	VtU9825	VANGA RAJU YADAV	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
27	VtU9885	NAVALUR YUVARAJ NAIDU	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
28	VtU10765	KARAN THAPA	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
29	VtU10798	ATISH PRATAP SINGH RATHOUR	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	S
30	VtU10799	MANISH AGARWAL	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
31	VtU10879	NITISH	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
32	VtU10883	AKULA MONIKA	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
33	VtU10922	MOHAMED SALIK F	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
34	VtU8613	NALLA REDDY JISHNU	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	RA	AB
35	VtU8623	ANUBOLU HARISAI	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	A
36	VtU9964	P.V.GANGADHAR REDDY	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
37	VtU8813	GOWRI SHANKAR.R	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	S
38	VtU10367	SHARMA VISHAL GAJANAND	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
39	VtU9102	P.ANIL	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
40	VtU9555	VADLAMUDI VAMSIDHAR	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	Pass	B
41	VtU10054	PONNAPALLI VINOD KUMAR	B.Tech	CSE	1157CS942	New Game Development Paradigm with Unity	NE	NE
98	VtU10299	N.MIDHUNRAJ	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	A

SNo	Stu_Id	Stu_Name	Stu_Degree	Stu_Branch	Stu_Test_SubjectCode	Stu_Test_SubjectName	Stu_Subject_PassFail	Stu_Grade
99	VtU10655	ROOSA MAZOOMDAR	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	C
100	VtU10906	BALACHANDAR K	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	C
101	VtU9146	D.HEMANTH	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	A
102	VtU9281	BHAVANI AMAR SAI TEJA	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	B
103	VtU9647	SIVASUBRAMANIYAN S	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	B
104	VtU9871	SUDEEP SINGH	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	S
105	VtU9988	YUVRAJ TILOTIA	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	A
106	VtU9992	B.S. MANEESH	B.Tech	CSE(A&GD)	1157CS942	New Game Development Paradigm with Unity	Pass	A
113	VtU7073	SAVARAM NAGA VARDHANI	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	B
114	VtU7773	RAYIDI SAHITHI	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	A
115	VtU7102	MACHAVOLU CHENGALA SAI SRIRAM	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	S
116	VtU7251	MADDIREDDY VIJAYA BASKARA REDDY	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	A
117	VtU6878	DIVI NIKHITHA	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	D
118	VtU6924	BHAVANAM VENKATA KRISHNA REDDY	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	B
119	VtU7681	ISKALA VENKATA PARDHU	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	A
120	VtU7743	RATAKONDA SAI SRAVANI	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	A
121	VtU7510	N SAI SNEHA	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	A
122	VtU9005	A HARI CHANDANA	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	Pass	B
123	VtU9027	S.ANJANI KUMAR	B.Tech	CSE(DA)	1157CS942	New Game Development Paradigm with Unity	NE	NE
126	VtU6928	THOTA POORNITH SUNDAR	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	NE	NE
127	VtU7993	CHALIKANTI RAGHAVENDRA	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	Pass	A
128	VtU8008	JAMALPUR TINNU HARAN	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	Pass	A
129	VtU10260	SHAILESH KUMAR	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	RA	AB
130	VtU10422	VISHWAJEET CHAURASIA	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	Pass	A
131	VtU8668	KANYADHARA NAVYA	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	Pass	B
132	VtU8732	NARESH KUMAR.D	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	Pass	S
133	VtU9046	G.REETHIKA	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	Pass	A
134	VtU9319	NAAGANARASIMHA.M	B.Tech	CSE(NW&CS)	1157CS942	New Game Development Paradigm with Unity	Pass	A
42	VtU7141	AKASH DEEP	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
43	VtU7097	SARAVANA PRASAD M	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	NE	NE
44	VtU9925	PARLA SAI KIRAN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
45	VtU9927	JUTHUKA SUJITH FRANCIS	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
46	VtU8883	GANDHAM GAGANDEEP REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
47	VtU8915	GURRAM SURESH KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
48	VtU8917	DASARI NAGA GOPALA KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
49	VtU8935	SAGILI THIMMAREDDY NIKHIL REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
50	VtU9041	THATHIREDDY ARUNKUMAR REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
51	VtU9057	LAISHETTI AKHIL KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
52	VtU14244	NISHANT KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
53	VtU9999	SOWTANI SAI SIVA SANDEEP KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
54	VtU10227	ANISETTY KRISHNA TEJA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
55	VtU10262	RAVI RANJAN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S

SNo	Stu_Id	Stu_Name	Stu_Degree	Stu_Branch	Stu_Test_SubjectCode	Stu_Test_SubjectName	Stu_Subject_PassFail	Stu_Grade
56	VtU10282	KAVURI KARTHIK	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
57	VtU10335	AKSHITA RAI	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
58	VtU10374	IMMADISETTY V V M B SURESH KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
59	VtU10386	PRASHASTI SINGH	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
60	VtU10421	SUMANTH REDDY M	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
61	VtU9283	PALAMPALLE PRABHODAN REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
62	VtU9313	KOLAVENNU VINAY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
63	VtU9793	MEDAM SIREESHA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
64	VtU10078	TIRUKKOVALLURI PAVAN KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	A
65	VtU10092	ANNA VENKATA SAI AJITH	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
66	VtU10133	MANDAPATI JAYADEEP RAJU	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	A
67	VtU10175	MADDUKURI TEJA SAI TARUN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
68	VtU10217	BOLLI SAI TEJA KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
69	VtU11110	YOKESHWAR Y	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
70	VtU11117	SAKTHIVEL L K	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
71	VtU11257	NARISSETTI DINESH BABU	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
72	VtU11337	RAMSANKAR S S	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
73	VtU11360	NITISH KRISHNA B	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
74	VtU11665	AZEEM SALMAN A	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
75	VtU11709	NORBU ZANGPO LEPCHA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
76	VtU14413	ARIJIT MUKHERJEE	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
77	VtU14446	HIMANSHU KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
78	VtU14625	ATTADA ADITHYA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
79	VtU8770	RAMYA J	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
80	VtU11774	YASIR AHMAD KHAN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
81	VtU12305	SRAVANI DIVVELA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
82	VtU12556	GEENUKUNTALA TARUN GOUD	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
83	VtU13144	KASULA VISHAL KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
84	VtU10449	SUDHEER KUMAR GUPTA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
85	VtU10476	BODDOJU VENKATA NAGA SAI PRIYANKA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
86	VtU10513	NALLABOTHULA PAVAN KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
87	VtU10594	SHUBHAM KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
88	VtU10598	SUNIL KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
89	VtU10769	PRAMOD ACHARAYA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
90	VtU10781	SACHIN KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
91	VtU13217	YELURU VAIBHAV	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
92	VtU13342	GUGGULLA SIVA SANDEEP REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
93	VtU13620	OYEBANJI FIYINFOLUWA OLUSEYI	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
94	VtU14175	KOKKONDA LASYA NANDINI	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
95	VtU10771	SUDHIR SINGH	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	NE	NE
96	VtU8684	AJAY SS	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	NE	NE
97	VtU8806	B MANEESH KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S

SNo	Stu_Id	Stu_Name	Stu_Degree	Stu_Branch	Stu_Test_SubjectCode	Stu_Test_SubjectName	Stu_Subject_PassFail	Stu_Grade
107	VtU8946	KANUPARTHI LAKSHMI DURGA PRASAD	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
108	VtU11202	C H SAI KIRAN	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
109	VtU11216	ARJUN BAANESH AG	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
110	VtU11236	VAITHIYANATHAN P	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
111	VtU11240	SURIYAKANTH R	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
112	VtU9281	BHAVANASI AMAR SAITEJA	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	NE	NE
124	VtU9103	M VAIBHAV KIRAN REDDY	B.Tech	CSE(DA)	1152CS185	New Game Development Paradigm with Unity	Pass	S
125	VtU13247	SIMRAN KUMARI	B.Tech	CSE(DA)	1152CS185	New Game Development Paradigm with Unity	Pass	S
135	VtU6876	KALE SAI KUMAR	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	NE	NE
136	VtU7300	VEERA SELVAM S	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
137	VtU10260	SHAILESH KUMAR	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
138	VtU10377	SAI DIWAKAR SARAGADAM	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
139	VtU9997	R MANIDEEP	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
140	VtU10425	SHUBHAM SANTOSH UPADHYAY	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
141	VtU10780	AZAHARUDDIN ANSARI	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
142	VtU8231	MANISH P	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S



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Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Our Ref. No: 2018/ VF 135

Your Ref. No:

Submitted for the Approval:

Name of the Professor: Prof. Dr. Goran Dambic

University & Country : Algebra University College, Croatia

Course Titles : New game development paradigm with Unity ECS (20 Hrs)

Department : Computer Science and Engineering

Students : 2017-2021- 34 Students
2016-2020- 19 Students
2015-2019- 02 Students
Total: 55 Students

Program date : February 6 to 8, 2019

Sl.No	Description	Amount in INR	Amount in HRK
1	Course Honorarium (Rs.3000 * 20 Hrs) (Net Amount & Tax Free)	60000	5562
	Total	60000	5562

(Rupees Sixty thousand only)

G18

In this regard, I request your approval for transferring the amount in Croation Kuna (HRK) to the following Account,

Name: Goran Dambic

Bank Name: ZAGREBACKA BANKA d.d.

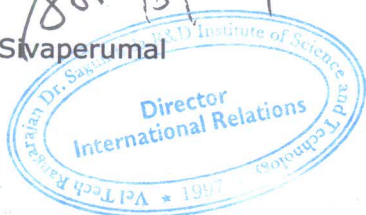
Acc. No: HR1423600003117770917

Bank Code: 2360000

SWIFT Code: ZABA HR 2X

Thank You,

S. Sivaperumal



16/2/19

Entered in Budget Register

Pg. 28, 81.70

15/2/19



Vel Tech
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R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

School of Computing
Department of Computer Science and Engineering

Specialized course on
“New Game development Paradigm with Unity”
(1152CS185)

by
Prof. Dr. Goran Dambic
Algebra University, Croatia



Held on
Date: February 3 to 7, 2020

goran.djambic@gmail.com

+385 95 818 6740

Goran Djambic, PhD, is the Head of the Software Engineering Department at the University College Algebra. He previously worked as a Software Architect at M San Group and Croatia Airlines. He earned his BSc and MSc at the Faculty of Electrical Engineering and Computing and his PhD at the Faculty of Humanities and Social Sciences at the University of Zagreb. He is the author of several research and professional papers in topics of programming, databases, information systems and higher education qualifications frameworks. His current areas of interest include designing and developing modern web information systems, application of machine learning models in higher education and development in Internet of Things area.

In his professional career, Goran has been mostly working with web applications, as he has been designing, building and supporting them since 1999. Today, his favourite web application architecture includes SQL Server, ASP.NET C# MVC, LLBLGEN Pro ORM and jQuery+Bootstrap.

Together with programming skills, Goran has been brushing up on his teaching skills by holding numerous professional programming courses, high school courses and technical conference sessions in Croatia, Serbia, Slovenia and Malta.

Currently, Goran's intensively studying machine learning applications in MATLAB, C# and Python and Internet of Things applications with Arduino/C++ and RaspberryPi/Python.

Education

Doctor of Philosophy (PhD) 2007 – 2011

Faculty of Humanities and Social Sciences, Zagreb

Thesis title: Database optimization in multiuser environment

Master of Science (M.Sc.) 2001 – 2007

Faculty Of Electrical Engineering and Computing, Zagreb

Final work title: Analysis of multiple access control protocols in WDM networks

Bachelor of Science (B.Sc.) 1996 – 2001

Faculty Of Electrical Engineering and Computing, Zagreb

Final work title: Implementation of application based on H.323 protocol for carrying Voice over IP

Relevant papers

Mateljan, Vladimir; Đambić, Goran. **Decomposition of relational schema without loss of information** // The Future of Information Sciences INFUTURE2007: Digital Information and Heritage / Seljan, Sanja ; Stančić (ur.). Zagreb : Odsjek za informacijske znanosti, Filozofski fakultet, 2007. Str. 335-341.

Mateljan, Vladimir; Đambić, Goran; Juričić, Vedran. **Modern Presentation Technologies in Distant Learning Systems** // Infomedia, The International Journal on Informatics and New Media in Education. 2 (2009) , 1; 48-51 (pregledni rad, znanstveni).

Mateljan, Vladimir; Juričić, Vedran; Đambić, Goran. **Content Management Systems in Education.** // The International Journal on Informatics and new Media in Education INFOMEDIA. 1 (2008) ; 103-108 (članak, znanstveni)

Mateljan, Vladimir; Drenovac, Sergej; Đambić, Goran. **System for the Introduction of Information systems to Higher Education Administrations Conforming to the Bologna Process** // The International Journal On Informatics and New Media in Education INFOMEDIA / Milan Stepanović (ur.). Sombor : Pedagoški fakultet u Somboru Centar za izdavačku delatnost, 2008. 197-201 (međunarodna recenzija,objavljeni rad,znanstveni).

Đambić, Goran; Bažant, Alen. **Performance Analysis of Aloha-based MAC Protocols for Optical WDM Networks** // Proceedings of 27th International Conference on INFORMATION TECHNOLOGY INTERFACES / Lužar-Stifler, Vesna ; Hljuz Dobrić, Vesna (ur.). Zagreb : SRCE, 2005. 537-542 (predavanje,međunarodna recenzija,objavljeni rad,znanstveni)

M. Balković, G. Đambić and Z. Jančić. **Model of Information System for recognition of non-formal and informal learning in higher education.** MIPRO 2015.

Head of the Software Engineering Department, System Architect, Lead Software Engineer

May 2009 –
present

Algebra Company, Zagreb, Croatia

Has dual responsibilities in this company: an architect and lead developer of ALPS information system and the head of the software engineering department.

Most important project: **ALPS information system**

C# ASP.NET Web Forms Entity Framework ORM SQL Server SQL query optimization
JavaScript jQuery AJAX CSS HTML WCF web service SVN legacy upgrade

Began in 2007 as a contractor in planning and executing upgrade from legacy ASP+Access application to modern web information system. After that, in charge of writing functional specifications, designing architectural changes and leading a team of developers and testers in implementing new features. Information system is comprised of back-office C# ASP.NET Web Forms web application, four front-end web applications (currently servicing just above 100.000 registered users) and one WCF web service, all backed up by a SQL Server OLTP and reporting databases.

System Architect, Lead Software Engineer

2007 –
May 2009

Keito Systems Company, Zagreb, Croatia

Involved in requirement analysis, architectural design and programming as part of a team and in testing, delivering and managing lifecycle for our clients.

Most important project: **PRESSCUT** (<https://www2.presscut.hr/en/>)

C++ MFC OCR ActiveX C# Windows Forms DevExpress ASP.NET Web Forms SQL Server
SQL query optimization large scale ETL

Involved in envisioning, planning and implementing of an information system for daily newspaper analysis and delivery. System consists of multiple C# desktop applications that scan newspaper pages and deliver them to a network message queue; another set of C++ MFC desktop applications take one page at a time, recognize articles and pictures on it, perform an OCR (using Abbyy OCR engine) and place them in SQL Server database; finally, third set of C# desktop applications analyse the articles and prepare them to be sold and delivered on C# webshop.

System Architect, Lead Software Engineer

2005 – 2007

Croatia Airlines Company, Zagreb, Croatia

Involved in gathering user requirements and proposing solution based on existing IT landscape, creating an architecture and work as part of a team on implementing it and delivering to production.

Most important project: **MILES&MORE INTEGRATION WITH LUFTHANSA**

C# background service FTP SQL Server scheduled SQL job auto error correction stored procedure Lufthansa communication protocol ASP.NET Web Forms

Involved in envisioning, planning and implementing of a semi-automated workflow information system for collecting textual messages containing Miles&More passenger data for Croatia Airlines flights. C# background service collects messages from various airports and stores them in SQL Server database. In the database, scheduled SQL job automatically corrects well-known errors, cross-references data with other Croatia Airlines systems (Ticketing, Boarding ...) and finally delivers data to Lufthansa Systems for mileage accrual. Web application was built on top in order to allow corrections for specific errors and for data rejected from Lufthansa.

Senior software developer

2004 – 2005

M SAN / King ICT, Zagreb, Croatia

Involved in numerous smaller and some larger internal projects as a senior software developer with responsibilities of working as part of a programming team on implementing functional specification and delivering to production.

Most important project: **SEMI-AUTOMATED ASSEMBLY LINE**

C embedded system network programming C# ASP.NET Web Forms SQL Server web service

Involved in implementing the semi-automated desktop computer assembly line. System consists of one central control C# Web forms application that communicates by UDP protocol with multiple embedded systems that control line's hardware (lifts, stoppers, semaphores, RFID readers ...) Embedded systems have 1 MB of RAM and run C applications that send and receive UDP packages and communicate with line's hardware. Central control application communicates by means of web service with company's ERP system and by UDP with embedded systems.

Junior software developer

2000 – 2004

IT Center

Involved in numerous projects as a junior developer.

Freelancer

2004 –
present

Most important project: **MEDICALBIT (Hospital Information System)**

C# ASP.NET MVC LLBLGEN Pro PostgreSQL JavaScript jQuery jQueryUI HTML CSS XML
AJAX Knockout.js Mono jqgrid.js Highcharts.js iTextSharp SVN

Joined Acrobyte's team as a programmer in 2013 and been working on implementing new features since. MedicalBit is a web application for supporting hospital processes and is currently used at Hospital For Pulmonary Diseases in Zagreb, Croatia.

Most important project: **PHARMA EXPERT MATRIX (matrix.pharmaexpert.hr)**

C# ASP.NET MVC LLBLGEN Pro PostgreSQL JavaScript jQuery jQueryUI Bootstrap.js
HTML CSS XML AJAX Knockout.js jqgrid.js Chart.js iTextSharp SVN

Together with four more owners, Goran started a Pharma Expert Matrix project in 2015 in order to support quality assurance processes in pharmacies in Croatia, Turkey and Oman. Currently, project is in its final development stages and will be ready for the production by the end of 2016.

Professional skills

	Experience	Level (1 – 10)
C#	14 yrs	9
C++	16 yrs	5
ASP.NET Web Forms	14 yrs	9
ASP.NET MVC	5 yrs	7
Windows Forms	16 yrs	8
WPF	9 yrs	5
JavaScript	16 yrs	8
CSS	16 yrs	8
Entity Framework	6 yrs	8
LLBLGEN Pro	2 yrs	4
MS SQL Server	16 yrs	10
PostgreSQL	1 yrs	2
Machine Learning	2 yrs	3

Social Skills

Positive, optimistic, ambitious, organized, enjoys to work with more experienced people. Always ready to learn.

Hobbies

Football, Education, Reading, Cycling

Languages

English Excellent

German Fair

Russian Poor

Name of the professor: Prof. Dr. Goran Dambic (CV Attached)

University & country: Algebra University, Croatia

Proposed Title: New Game development Paradigm with Unity

Course Description: In this course we will cover the new Entity Component System (ECS) for Unity game development framework. The new framework presents a significant change to current approach to game development with Unity by forcing us to write high-performance code by default, instead of worrying about performance later. In order to illustrate these new key concepts of ECS, a functional game will be developed fully in ECS.

Level: intermediate

Target audience: student who have some experience in game development with Unity. This course can be taught to them with hands on experience with current programming paradigms in Unity. Alternatively it can be taught at beginner level, concentrating more on basic concepts and less on changes to current programming paradigms in Unity.

Proposed dates: April 3-7, 2020(30Hrs)

Dear Dr. S. Sivaperumal,

Here is a list of topics for the course:

- Unity classic model: scene, GameObjects, MonoBehaviours
- Coordinate system, translation, rotation, scaling
- Sprites and animations
- Levels and level design
- UI layer
- Collisions
- Object pooling, Singleton pattern
- Particle system
- Music and audio effects
- Unity ECS model
- Unity ECS and jobs

CSE-PR-1151

12/9/19

DA/13069

12/09/19



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R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Directorate of International Relations

Visiting Professor Programmes

Details of Professor & Course:

Name of the Professor	Prof. Dr. Goran Dambic (CV Attached)
University & Country	Algebra University College, Croatia
Title of the Course	New Game development paradigms in Unity
Department	Computer Science and Engineering
Dates of the Course	February 3 to 7, 2020
Total No. of Hours	30
No. of Credits	2
Category	Programme Elective / Higher Institute Learning
Course Content	Attached

Prepared by:

Coordinator – Directorate of Intl. Relations

Forwarded by:

Director – Directorate of Intl. Relations

HOD

Dr. V. Srinivasa Rao
Head of the Department
Computer Science and Engineering

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Dean

Director (Academic)

Prof. Dr. techn. Koteswara Rao Anne
Director Academics

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R&D Institute of Science and Technology
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Vice Chancellor

Prof. V. S. S. Kumar
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

SNo	Stu_Id	Stu_Name	Stu_Degree	Stu_Branch	Stu_Test_SubjectCode	Stu_Test_SubjectName	Stu_Subject_PassFail	Stu_Grade
1	VtU7141	AKASH DEEP	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
2	VtU7097	SARAVANA PRASAD M	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	NE	NE
3	VtU9925	PARLA SAI KIRAN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
4	VtU9927	JUTHUKA SUJITH FRANCIS	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
5	VtU8883	GANDHAM GAGANDEEP REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
6	VtU8915	GURRAM SURESH KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
7	VtU8917	DASARI NAGA GOPALA KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
8	VtU8935	SAGILI THIMMAREDDY NIKHIL REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
9	VtU9041	THATHIREDDY ARUNKUMAR REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
10	VtU9057	LAISHETTI AKHIL KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
11	VtU14244	NISHANT KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
12	VtU9999	SOWTANI SAI SIVA SANDEEP KRISHNA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
13	VtU10227	ANISETTY KRISHNA TEJA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
14	VtU10262	RAVI RANJAN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
15	VtU10282	KAVURI KARTHIK	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
16	VtU10335	AKSHITA RAI	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
17	VtU10374	IMMADISETTY V V M B SURESH KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
18	VtU10386	PRASHASTI SINGH	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
19	VtU10421	SUMANTH REDDY M	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
20	VtU9283	PALAMPALLE PRABHODAN REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
21	VtU9313	KOLAVENNU VINAY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
22	VtU9793	MEDAM SIREESHA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
23	VtU10078	TIRUKKOVALLURI PAVAN KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	A
24	VtU10092	ANNA VENKATA SAI AJITH	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
25	VtU10133	MANDAPATI JAYADEEP RAJU	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	A
26	VtU10175	MADDUKURI TEJA SAI TARUN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
27	VtU10217	BOLLI SAI TEJA KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
28	VtU11110	YOKESHWAR Y	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
29	VtU11117	SAKTHIVEL L K	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
30	VtU11257	NARISSETTI DINESH BABU	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
31	VtU11337	RAMSANKAR S S	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
32	VtU11360	NITISH KRISHNA B	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
33	VtU11665	AZEEM SALMAN A	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
34	VtU11709	NORBU ZANGPO LEPCHA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
35	VtU14413	ARIJIT MUKHERJEE	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
36	VtU14446	HIMANSHU KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
37	VtU14625	ATTADA ADITHYA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
38	VtU8770	RAMYA J	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
39	VtU11774	YASIR AHMAD KHAN	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
40	VtU12305	SRAVANI DIVVELA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
41	VtU12556	GEENUKUNTLA TARUN GOUD	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
42	VtU13144	KASULA VISHAL KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S

SNo	Stu_Id	Stu_Name	Stu_Degree	Stu_Branch	Stu_Test_SubjectCode	Stu_Test_SubjectName	Stu_Subject_PassFail	Stu_Grade
43	VtU10449	SUDHEER KUMAR GUPTA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
44	VtU10476	BODDOJU VENKATA NAGA SAI PRIYANKA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
45	VtU10513	NALLABOTHULA PAVAN KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
46	VtU10594	SHUBHAM KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
47	VtU10598	SUNIL KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
48	VtU10769	PRAMOD ACHARAYA	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
49	VtU10781	SACHIN KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
50	VtU13217	YELURU VAIBHAV	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
51	VtU13342	GUGGULLA SIVA SANDEEP REDDY	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
52	VtU13620	OYEBANJI FIYINFOLUWA OLUSEYI	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
53	VtU14175	KOKKONDA LASYA NANDINI	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
54	VtU10771	SUDHIR SINGH	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	NE	NE
55	VtU8684	AJAY SS	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	NE	NE
56	VtU8806	B MANEESH KUMAR	B.Tech	CSE	1152CS185	New Game Development Paradigm with Unity	Pass	S
57	VtU8946	KANUPARTHI LAKSHMI DURGA PRASAD	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
58	VtU11202	C H SAI KIRAN	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
59	VtU11216	ARJUN BAANESH AG	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
60	VtU11236	VAITHIYANATHAN P	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
61	VtU11240	SURIYAKANTH R	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	Pass	S
62	VtU9281	BHAVANASI AMAR SAITEJA	B.Tech	CSE(A&GD)	1152CS185	New Game Development Paradigm with Unity	NE	NE
63	VtU9103	M VAIBHAV KIRAN REDDY	B.Tech	CSE(DA)	1152CS185	New Game Development Paradigm with Unity	Pass	S
64	VtU13247	SIMRAN KUMARI	B.Tech	CSE(DA)	1152CS185	New Game Development Paradigm with Unity	Pass	S
65	VtU6876	KALE SAI KUMAR	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	NE	NE
66	VtU7300	VEERA SELVAM S	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
67	VtU10260	SHAILESH KUMAR	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
68	VtU10377	SAI DIWAKAR SARAGADAM	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
69	VtU9997	R MANIDEEP	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
70	VtU10425	SHUBHAM SANTOSH UPADHYAY	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
71	VtU10780	AZAHARUDDIN ANSARI	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S
72	VtU8231	MANISH P	B.Tech	CSE(NW&CS)	1152CS185	New Game Development Paradigm with Unity	Pass	S



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. its of UGC Act, 1956)

DINT/09-19/036

Our Ref. No.: 2018-2019/VF 185

Your Ref. No.:

Submitting for the Approval:

Madam,

Sub: Requesting approval for Flight Ticket booking

The following professor accepted to deliver short course to our Computer Science and Engineering Students. Requesting approval for booking the following flight ticket.

Name : Prof. Dr. Goran Dambic (CV attached)

University & Country: Algebra University, Croatia

Course Dates : February 3- 7, 2020 ✓

Duration : 30 Hrs

No. of credits : 2

Course Titles : New game development paradigm with Unity ECS ✓

Flight Details:

Onward: February 02, 2020 by Qatar Airways

From Zagerb to Chennai

ZAG to DOH 08:50 16:00

Layover: 2hrs 45 Mins at DOHA

DOH to MAA 18:55 01:50(Feb., 3)

Return: February 9, 2020 by Qatar Airways

From Chennai to Zagreb

MAA to DOH 03:20 06:05

Layover: 1hour 45 Mins at Doha

DOH to ZAG 07:55 11:55

Fare around INR 62000 (Sixty two thousand only)

(INR 61,916/- As on 19.09.2019,3pm)

Thank you

Sivaperumal S



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Our Ref. No: 2019-2020/ VF 185

Your Ref. No:

Submitted for the Approval:

Name of the Professor: Prof. Dr. Goran Dambic

University & Country : Algebra University College, Croatia

Course Titles : New game development paradigm with Unity (30 Hrs/ 2 Credits)

Department : Computer Science and Engineering

Students : 66 students

Program date : February 3 to 7, 2020

Category : Programme elective

Sl.No	Description	Amount in INR	Amount in HRK
1	Course Honorarium (Rs.3000 * 30 Hrs) (Net Amount & Tax Free)	90000	8657
	Total	90000	8657

(Rupees ninety thousand only)

In this regard, I request your approval for transferring the amount in Croation Kuna (HRK) to the following Account,

Name: Goran Dambic

Bank Name: ZAGREBACKA BANKA d.d.

Acc. No: HR1423600003117770917

Bank Code: 2360000

SWIFT Code: ZABA HR 2X

Thank You

S. Sivaperumal
S. Sivaperumal
Director International Relations

Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Entered in Budget Register

12.11, 86.49

atshocum
22/2/2020

Algebra University, Croatia – Guest Lecture

Delegates Visited : Mr. Goran Balen, Accountant

University & Country : Algebra University College, Croatia

Date Visited : 05.02.2020

Purpose: Mr. Goran Balen, Accountant, Algebra University College, Croatia visited Vel Tech on 05th Feb., 2020 to deliver a Guest Lecture on "Servant Leadership - Leading by Serving" to MBA students. Students also had interaction towards clarification in their doubts.

