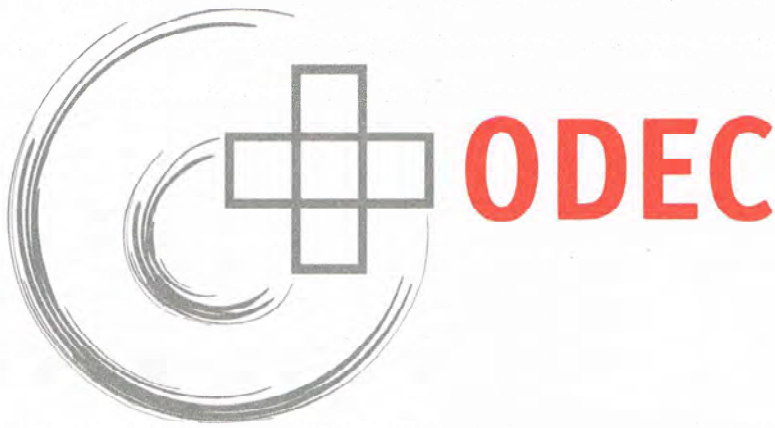




This is to certify that

**Kartik Isaac**

Date of birth: 01-Mar-1980 | Origin: Zürich ZH

is a member and has been registered by

**ODEC**

swiss association of graduates of colleges higher education

Schweizerischer Verband der dipl. HF

Association Suisse des dipl. ES

Associazione Svizzera dei dipl. SSS

and is hereby authorised to use the international association title of

**Professional Bachelor ODEC**

**in Engineering**

main field of study:

**Energy and Environmental Engineering**

abbreviation:

**pBac-Eng ODEC**

  
President

  
Executive Director

Date of Registration: 02-May-2016

Date of Issue: 10-May-2016

Registration No. **R450407**

This certificate is the property of ODEC

[www.odec.ch/register](http://www.odec.ch/register)

Professional Bachelor ODEC® is a Trademark of ODEC

# Diplom Höhere Fachschule

Herr

**Kartik Isaac**

geboren am 01.03.1980, von Zürich

hat den Bildungsgang Techniker HF Energie und Umwelt an der Höheren Fachschule Uster absolviert und das abschliessende Qualifikationsverfahren am 2. April 2016 erfolgreich abgeschlossen.

Er ist berechtigt den geschützten Titel zu tragen:

**dipl. Techniker  
HF Energie und Umwelt**

Gestützt auf der Verordnung des WBF über Mindestvorschriften für die Anerkennung von Bildungsgängen und Nachdiplomstudien der höheren Fachschulen (MiVo-HF; in der Fassung vom 11 März 2005) und den Rahmenlehrplan Technik vom 24.11.2010 (inkl. Änderungen), sowie der Anerkennungsverfügung des Staatssekretariats für Bildung, Forschung und Innovation SBFJ vom 29. Mai 2020 ist der Studiengang eidgenössisch anerkannt.

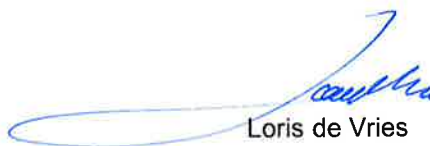
Uster, 2. Juni 2020



Peter Claus  
Präsident



Uwe Singer  
Leiter Verwaltung



Loris de Vries  
Experte



## DIPLOM

# Techniker HF Energie und Umwelt Erneuerbare Energien

**Isaac Kartik**

von Zürich, geboren am 01.03.1980

hat die berufsbegleitende, sechssemestrige Ausbildung  
an der eidgenössisch anerkannten Höheren Fachschule Uster  
besucht und das abschliessende Qualifikationsverfahren mit Erfolg bestanden.

Diese Ausbildung schafft die Voraussetzungen, die zur Ausübung von Berufen  
auf dem Gebiet der erneuerbaren Energien notwendig sind.

Uster, 12. April 2016

Peter Claus, Präsident

Uwe Singer, Leiter Verwaltung

Loris de Vries, Experte



Herr  
Isaac Kartik  
Letzigraben 135  
8047 Zürich

Zürich, 15.08.2008

### Fähigkeitszeugnis

Sehr geehrter Herr Isaac

Wir freuen uns, dass Sie die Abschlussprüfung erfolgreich bestanden haben, und gratulieren Ihnen herzlich.  
Angefügt erhalten Sie von uns das Fähigkeitszeugnis.

Prüfungskommission  
Berufe im Autogewerbe  
www.lap.zh.ch



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

### Fähigkeitszeugnis Certificat de capacité Attestato di capacità Attestat da qualificaziun

Name  
Nom  
Cognome  
Num Isaac

Vorname  
Prénom  
Nome  
Prenum Kartik

geboren am  
Date de naissance  
nato/a il  
Data da nasch. 01.03.1980

Bürgerort (CH) / Staatsangehörigkeit  
Lieu d'origine (CH) / nationalité  
Luogo di origine (CH) / nazionalità  
Lieu da burgais (CH) / naziunalitad

Zürich ZH

hat das Qualifikationsverfahren bestanden als  
a réussi la procédure de qualification de  
ha superato la procedura di qualificazione di  
ha fatg cun success la procedura da qualificaziun sco

### Motorradmechaniker

Lehrbetrieb / Institution  
Entreprise formatrice / institution  
Azienda di tirocinio / istituzione  
Manaschi d'emprendissadi / instituziun

Zoran Patkovic Motos  
Zürich

Ort und Datum  
Lieu et date  
Luogo e data  
Lieu e data

Zürich, 15.08.2008

Kantonale Behörde  
Autorité cantonale  
Autorità cantonale  
Autoritad chantunala

Mittelschul- und Berufsbildungsamt  
des Kantons Zürich

Marc Kummer  
Amtschef



# Stanford | ONLINE

05/10/2018

## Kartik Isaac

has successfully completed

### Writing in the Sciences

an online non-credit course authorized by Stanford University and offered through Coursera



Kristin Sainani, PhD  
Associate Professor  
Health Research and Policy

## COURSE CERTIFICATE



Verify at [coursera.org/verify/Z4XTL78ZB2CZ](https://coursera.org/verify/Z4XTL78ZB2CZ)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



# National Accreditation Authority for Translators and Interpreters Ltd

## CERTIFICATE OF ACCREDITATION

This is to certify that

***Kartik Isaac***

has satisfied the Authority's requirements for the award of  
Accreditation

*as a One-way Translator  
from the German language into the  
English language.*

This award was granted on 30/08/2017  
and expires on 30/08/2020



Chairperson

Chief Executive Officer



CERTIFICATE  
Issued Feb. 24th, 2013

This is to certify that

**Kartik Isaac**

successfully completed

**German to English Translation**

a course of study offered by **BerkeleyX**, an online learning  
Initiative of **The University of California At Berkeley** through **edX**

**Armando Fox**  
Academic Director for Online Education  
Professor in Residence  
UC Berkeley

**Diana Wu**  
Executive Director for Online Education  
UC Berkeley

**David Patterson**  
Professor, Dept of Foreign Languages  
UC Berkeley

HONOR CODE CERTIFICATE

\*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/fd2097acbb7c48edb224928561a5701>



CERTIFICATE  
Issued Apr. 23rd, 2013

This is to certify that

**Kartik Isaac**

successfully completed

**French to English Translation**

a course of study offered by **BerkeleyX**, an online learning  
initiative of **The University of California At Berkeley** through **edX**

**Armando Fox**  
Academic Director for Online Education  
Professor in Residence  
UC Berkeley

**Diana Wu**  
Executive Director for Online Education  
UC Berkeley

**David Patterson**  
Professor, Dept of Foreign Languages  
UC Berkeley

HONOR CODE CERTIFICATE

\*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/fd2097acbb7c48edb224928561a57097>



CERTIFICATE  
Issued Feb, 1st, 2013

This is to certify that

**Kartik Isaac**

successfully completed

**Technical Writing Specialization**

a course of study offered by **MITx**, an online learning  
initiative of **The Massachusetts Institute of Technology** through **edX**.

**Eric Grimson**  
Professor,  
Dept of Academic English  
Massachusetts Institute of Technology

**John Guttag**  
Professor,  
Dept of Physics and Technology  
Massachusetts Institute of Technology

**Sanjay Sarma**  
Director of Digital Learning  
Massachusetts Institute of Technology

HONOR CODE CERTIFICATE

\*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/811c0a95d4d74c2eaffc26308d15140>



# RICE UNIVERSITY

Nov 28, 2021

## Kartik Isaac

has successfully completed

### Oral Communication for Engineering Leaders

an online non-credit course authorized by Rice University and offered through Coursera

Beata Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Gayle Moran  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

## COURSE CERTIFICATE



Verify at [coursera.org/verify/R32JC3QM545J](https://coursera.org/verify/R32JC3QM545J)

Coursera has confirmed the identity of this individual and their participation in the course.



# RICE UNIVERSITY

Dec 25, 2021

## Kartik Isaac

has successfully completed

### Writing Skills for Engineering Leaders

an online non-credit course authorized by Rice University and offered through Coursera

Gayle Moran  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Beata Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

## COURSE CERTIFICATE



Verify at [coursera.org/verify/9E54ZGTCAW8K](https://coursera.org/verify/9E54ZGTCAW8K)

Coursera has confirmed the identity of this individual and their participation in the course.



# RICE UNIVERSITY

02-Dec-2021

## Kartik Isaac

has successfully completed

### Interpersonal Communication for Engineering Leaders

an online non-credit course authorized by Rice University and offered through Coursera

A stylized, cursive signature of Gayle Moran in blue ink.

Gayle Moran  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

A stylized, cursive signature of Beata Krupa in blue ink.

Beata Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

## COURSE CERTIFICATE



Verify at [coursera.org/verify/7XSUL43NMK99](https://coursera.org/verify/7XSUL43NMK99)

Coursera has confirmed the identity of this individual and their participation in the course.



3 Courses

Oral Communication for  
Engineering Leaders

Interpersonal  
Communication for  
Engineering Leaders

Writing Skills for Engineering  
Leaders



Dec 25, 2021

**Kartik Isaac**

has successfully completed the online, non-credit Specialization

# Communication Skills for Engineers

Engineers who want to advance in their profession need to be effective communicators. They need to clearly communicate complex ideas and technical project plans. They also need to be strong persuaders, able to convince different audiences about the need to implement the solutions they propose. In this Specialization, you will develop the essential communication skills you need to lead teams and projects in engineering organizations. You'll practice designing and giving strong, persuasive presentations; you'll learn how to communicate using online tools and how to hold effective meetings and videoconferences with global teams; you will learn how to handle difficult conversations and crisis communication, you'll also learn writing skills immediately applicable in your daily activities.

*Beata Krupa*

Beata Krupa  
Lecturer in Professional  
and Engineering  
Communication  
Rice Center for  
Engineering Leadership

*Gayle Moran*

Gayle Moran  
Lecturer in Professional  
and Engineering  
Communication  
Rice Center for  
Engineering Leadership

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:  
[coursera.org/verify/specialization/CSP5TW99W63L](https://coursera.org/verify/specialization/CSP5TW99W63L)

# Autodesk Certified Credential in CAD and Digital Manufacturing

ISSUED TO

Kartik Isaac



Issued on: 06 NOV 2021

Issued by: Coursera | Authorized by: Autodesk

Verify: <https://www.credly.com/go/KVQIrdpH>

The Coursera logo, which consists of the word 'coursera' in a lowercase, sans-serif font, centered within a white circle. This circle is set against a dark gray square background.



5 Courses

Intro to Digital  
Manufacturing with  
Autodesk Fusion 360

Autodesk Fusion 360  
Integrated CAD/CAM/CAE

3D Model Creation with  
Autodesk Fusion 360

Engineering Design Process  
with Autodesk Fusion 360

Manufacturing Process with  
Autodesk Fusion 360



Nov 6, 2021

**Kartik Isaac**

has successfully completed the online, non-credit Specialization

# CAD and Digital Manufacturing

Through this specialization, learners were introduced to the latest technology trends across the manufacturing industry, including machine learning, sustainable design, generative design, and collaboration. Learners explored the manufacturing process in depth, and completed hands-on projects for practice of important skills, including computer aided design (CAD) and computer aided engineering (CAE). The specialization also focused on foundations of product innovation and digital manufacturing, while developing learners' technical skills in 3D modeling within Autodesk® Fusion 360™.

Andrew Anagnost,  
President and Chief  
Executive Officer of  
Autodesk, Inc.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:  
[coursera.org/verify/specialization/7F59YM7WBPTV](https://coursera.org/verify/specialization/7F59YM7WBPTV)



Jun 7, 2021

**Kartik Isaac**

has successfully completed

**3D Model Creation with Autodesk Fusion 360**

an online non-credit course authorized by Autodesk and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Anagnost', positioned above a dotted line.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3TJZ58JTTMSJ](https://coursera.org/verify/3TJZ58JTTMSJ)

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 15, 2021

**Kartik Isaac**

has successfully completed

**Autodesk Fusion 360 Integrated CAD/CAM/CAE**

an online non-credit course authorized by Autodesk and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/UJL8CFRYCARB](https://coursera.org/verify/UJL8CFRYCARB)  
Coursera has confirmed the identity of this individual and their participation in the course.



Oct 22, 2021

**Kartik Isaac**

has successfully completed

**Engineering Design Process with Autodesk Fusion  
360**

an online non-credit course authorized by Autodesk and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/GT9DQFVEP5MY](https://coursera.org/verify/GT9DQFVEP5MY)  
Coursera has confirmed the identity of this individual and their participation in the course.



07-Jan-2022

**Kartik Isaac**

has successfully completed with honors

**Introduction to Mechanical Engineering Design  
and Manufacturing with Fusion 360**

an online non-credit course authorized by Autodesk and offered through Coursera

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at [coursera.org/verify/MLVG4YY4UZ7W](https://coursera.org/verify/MLVG4YY4UZ7W)

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 1, 2021

**Kartik Isaac**

has successfully completed

**Intro to Digital Manufacturing with Autodesk  
Fusion 360**

an online non-credit course authorized by Autodesk and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/U82JQPMCZJ9V](https://coursera.org/verify/U82JQPMCZJ9V)  
Coursera has confirmed the identity of this individual and their participation in the course.



06-Nov-2021

**Kartik Isaac**

has successfully completed

**Manufacturing Process with Autodesk Fusion 360**

an online non-credit course authorized by Autodesk and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/L9AW7N2YBJ27](https://coursera.org/verify/L9AW7N2YBJ27)

Coursera has confirmed the identity of this individual and their participation in the course.



09/07/2017

**Kartik Isaac**

has successfully completed

**The 3D Printing Revolution**

an online non-credit course authorized by University of Illinois at Urbana-Champaign  
and offered through Coursera

A handwritten signature in black ink that reads 'Aric Rindfleisch'.

Aric Rindfleisch  
John M. Jones Professor of Marketing  
Head of the Department of Business Administration  
College of Business  
University of Illinois at Urbana-Champaign

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/VS46MCYGNUYZ](https://coursera.org/verify/VS46MCYGNUYZ)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

# CERTIFICATE OF RECOGNITION

Reference: CH 147.0009

This certificate of recognition is issued to:

**Kartik ISAAC**

Date of Birth: 01.03.1980

Place of Birth: Indien

by SR Technics Switzerland Ltd., Zurich-Airport, CH-8058 Zurich

Reference: CH.147.0009

a maintenance training organisation approved to provide training and conduct examinations within its approval schedule and in accordance with Annex IV (Part-147) of Regulation (EC) No 2042/2003.

This certificate confirms that the above named person successfully passed the approved basic training course and the related basic examination as stated below in compliance with Regulation (EC) No 216/2008 of the European Parliament and of the Council and to Commission Regulation (EC) No 2042/2003 for the time being in force.

## Basic Module 15, Gas Turbine Engine B1

Theoretical elements

End Date: 21.08.2012

Issue Date: 31.08.2012

Certificate No. C17955

Signed:



For: SR Technics Technical Training

# VERIFIED

## CERTIFICATE of ACHIEVEMENT

# ETH zürich



Prof. Dr. Gerhard Schmitt  
Chair of Information Architecture  
Department of Architecture  
ETH Zürich

This is to certify that

## Kartik Isaac

successfully completed and received a passing grade in Future Cities

“Future Cities” is a series of urban MOOCs bringing the latest research results on planning, managing and transforming cities to those places in the world where they are needed most.

- “Future Cities” provides an overview.
- “Quality of Life: Livability in Future Cities” describes factors of livability in cities.
- “Smart Cities” presents realistic approaches, methods and techniques to increase the sustainability and resilience of cities.



VERIFIED CERTIFICATE  
Issued June 20, 2017

VALID CERTIFICATE ID  
ed90df94a7b941e080f82450f0ce7ad8



6 Courses

Introduction to the Internet of Things and Embedded Systems

The Arduino Platform and C Programming

Interfacing with the Arduino

The Raspberry Pi Platform and Python Programming for the Raspberry Pi

Interfacing with the Raspberry Pi

Programming for the Internet of Things Project



10/11/2017

**Kartik Isaac**

has successfully completed the online, non-credit Specialization

# An Introduction to Programming the Internet of Things (IOT)

Design, create, and deploy a fun IoT device using Arduino and Raspberry Pi platforms. In this Specialization covers embedded systems, the Raspberry Pi Platform, and the Arduino environment for building devices that can control the physical world. In the final Capstone Project, you'll apply the skills you learned by designing, building, and testing a microcontroller-based embedded system, producing a unique final project suitable for showcasing to future employers.

Professor Ian G. Harris,  
Ph.D.  
Associate Professor  
Department of  
Computer Science  
University of California,  
Irvine



# Certificate

This certifies that:

**Isaac, Kartik**

---

Has successfully completed:

**Security Awareness Training - Cyber Security Module**

on

**April 25, 2016**

---

Successful completion of the ABB Security Awareness -Cyber Security Module“ Training consisting of :

1. Definition of cyber security
2. Relevance of cyber security to ABB's business
3. ABB cyber security organization
4. Minimum Cyber Security Requiriments
5. Steps to protect ABB and ABB customers
6. Where to find more information



# Certificate

This certifies that:

**Isaac, Kartik**

---

Has successfully completed:

**V865 - Information Security Awareness Training for End  
Users - Phishing Module - EN**

on

December 22, 2014

---

Successful completion of the ABB Security Awareness "Phishing Module" Training consists of :

1. What is Phishing
2. How to recognize a Phishing attack
3. Tips to protect against Phishing
4. How to report
5. Newer forms of Phishing



# Certificate

This certifies that:

**Isaac, Kartik**

---

Has successfully completed:

**Security Awareness Training - Basic Module**

on

**December 3, 2014**

---

Successful completion of the ABB Security Awareness "Basic Module" Training consists of :

1. Handle information with care
2. Protect your password and computer
3. Pay attention when working from home or away from office
4. Understand the risk of using e-mail, internet and social media
5. Protect your mobile equipment
6. Know who you are dealing with
7. Report security incidents

# Certificate

## ABB University

This certifies that

**Kartik Isaac**

has completed the course

G189e - ABB products and services for wind  
turbines, Internet course - EN

23 April 2014

Average length of the course: 105 hours

**Arja Saukkoriipi**

ABB Low voltage drives training services

Power and productivity  
for a better world™



# KURSBESTÄTIGUNG

25. Oktober | 15. November 2014  
Pädagogische Hochschule Zürich

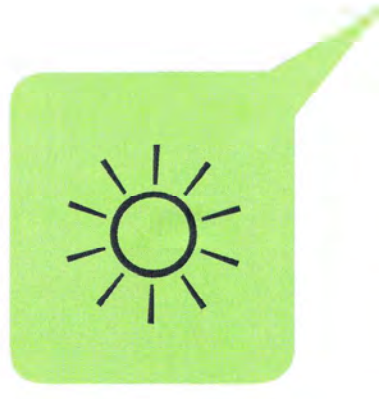
Kartik Isaac

## ENERGY ACADEMY - 100% ERNEUERBAR

Der Kurs richtet sich an Interessierte, welche sich mit den grundlegenden Optionen der Energiezukunft vertraut machen wollen.

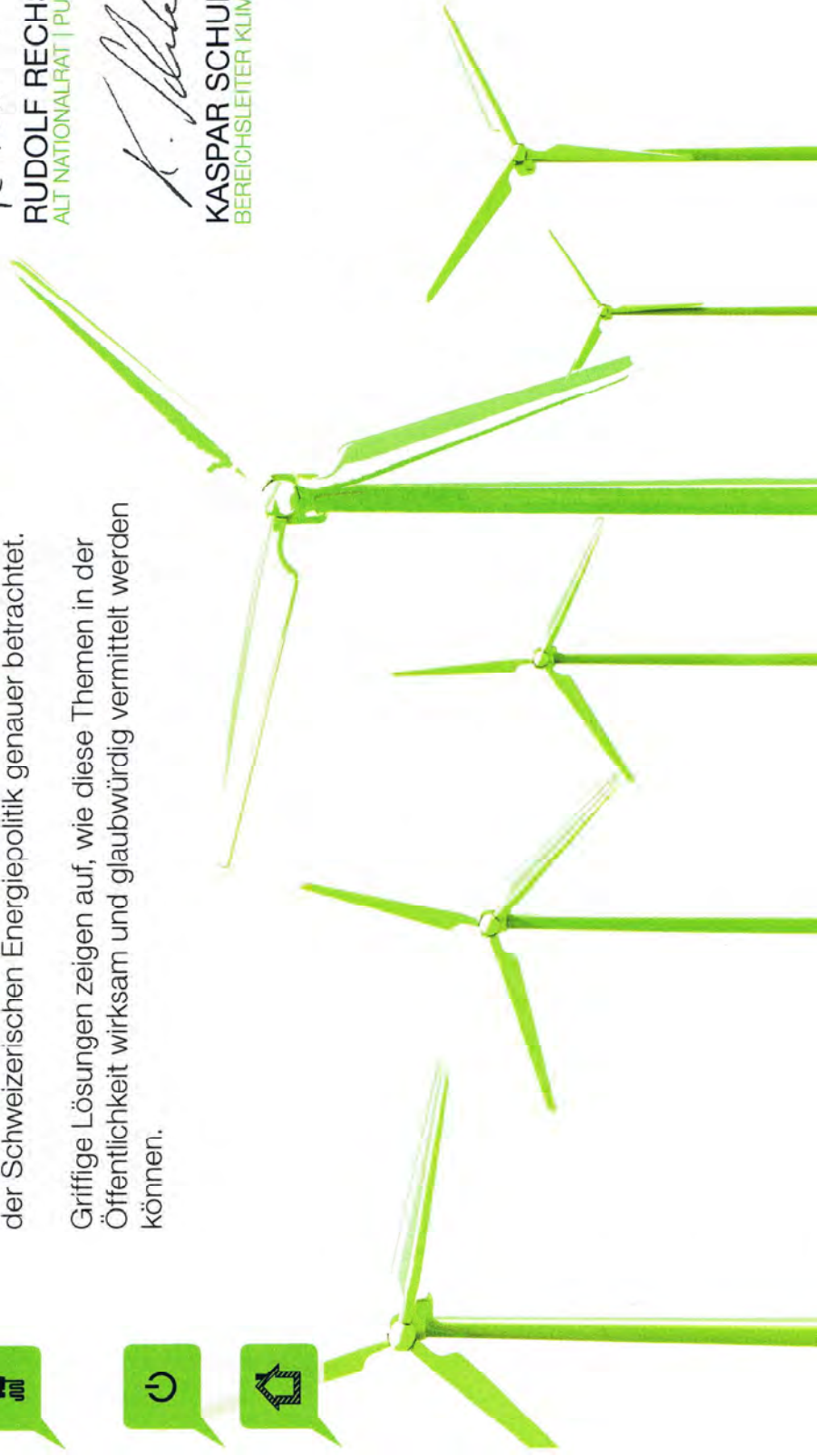
An den zwei Kurstagen werden die Zusammenhänge in der Schweizerischen Energiepolitik genauer betrachtet.

Griffige Lösungen zeigen auf, wie diese Themen in der Öffentlichkeit wirksam und glaubwürdig vermittelt werden können.



RUDOLF RECHSTEINER DOZENT  
ALT NATIONALRAT | PUBLIZIST

KASPAR SCHULER GREENPEACE SCHWEIZ  
BEREICHSLEITER KLIMA&ENERGIE





# CERTIFICATE

## OF COMPLETION

This is to confirm that

**Kartik Isaac**

has completed the following eLearning course:

**How to transcribe and translate**

on

09/10/2019





# CERTIFICATE OF COMPLETION

This is to confirm that

**Kartik Isaac**

has completed the following eLearning course:

**Legal Terminology (5 modules)**

on

09/10/2019





# CERTIFICATE

## OF COMPLETION

This is to confirm that

**Kartik Isaac**

has completed the following eLearning course:

**Video Games Localization**

on

09/10/2019





# CERTIFICATE

## OF COMPLETION

This is to confirm that

**Kartik Isaac**

has completed the following eLearning course:

**Wordfast-PRO 5 – Level 1 - For Beginners**

on

09/10/2019





# CERTIFICATE OF COMPLETION

This is to confirm that

**Kartik Isaac**

has completed the following eLearning course:

**Wordfast-PRO 5 – Level 2 Advanced Features**

on

09/10/2019

