

5. References

5-1. Major future programs

Royal College of Art (QS #1): United Kingdom

Innovation Design Engineering

<https://www.rca.ac.uk/study/programme-finder/innovation-design-engineering-ma-msc/#overview>

Our interdisciplinary approach focuses on the exploration and development of impactful innovation through critical observation, disruptive design thinking, experimentation, exploration of emergent technologies, advanced engineering and enterprise activities.

Parsons School of Design at The New School (QS #3): United States

Design and Technology <https://www.newschool.edu/parsons/bfa-design-technology-curriculum/>

Development of innovative design solutions and creative expressions incorporating physical computing, coding, user experience, responsive environment, and immersion technology.

Massachusetts Institute of Technology (MIT) (QS #5): United States

MIT Media Lab <https://www.media.mit.edu/>

Research the education and future of expressions and communication based on digital technology.

Research by several media labs has shown significantly artistic aspects, some of which contain core technology but that is only a part of many projects that research labs are promoting. A lot of research topics are related with the interaction between humans and computers and have accumulated research achievements related to user interface. Research groups are making efforts to conduct research with a wide perspective. For example, several groups are trying to create 'intelligent objects' that could recognize or predict surrounding environment and the objective and emotional state of users so that they could help users more effectively.

Art Center (QS #12): United States

Media Design Practices

<http://www.artcenter.edu/academics/graduate-degrees/media-design-practices/overview.html>

Students work closely with faculty known for cutting-edge research and multidisciplinary expertise. Together, our lively community investigates emerging technologies, develops new methodologies, and applies design to global social issues.

Universität der Künste Berlin (QS #40): Germany

Art and Media <https://www.udk-berlin.de/en/courses/art-and-media/>

The study programme Art and Media is the only course at the UdK Berlin offering networked artistic teaching in the time-based media. Teachers of various subjects collaborate to offer this special study programme, the focus being on interplay between artistic experiment and technical media.

Bauhaus-Universität Weimar (QS #51-100): Germany

Art and Design > Media Art and Design, Media > Human-Computer Interaction

<https://www.uni-weimar.de/en/media/studies/human-computer-interaction-msc/the-programme/>

- Electroacoustic Composition and Sound Design (Prof. Robin Minard)
- Experimental Radio (Prof. Nathalie Singer)
- Media Environments (Prof. Ursula Damm)
- Interface Design: Vertr.-Prof. Jason Reizner
- Media Events (Prof. Wolfgang Kissel)
- Multimedia Narration (Prof. Walter Bauer-Wabnegg) (The position is filled until the 1st quarter of 2020; there will be no replacement)

5-2 The Current Status of MOU with Art & Design Universities

No	Country	Foreign University	General Academic Exchange	Student Exchange	Signing Date	Expiration Date	Note
1	Finland	Aalto University (QS 7)	Yes	Yes	1995.9.25.	Indefinite	Requirement for student exchange: design
2	China	Tsinghua University (QS 19)	Yes		2003.5.7.	Indefinite	
3	Japan	Tokyo University of the Arts		Yes	2003.6.12.	Indefinite	
4	Denmark	Aalborg University	Yes	Yes	2008.10.7.	2022.10.6.	
5	Germany	Burg Glebichenstein Kunsthochschule Halle	Yes	Yes	2009.3.23.	Indefinite	
6	The Netherlands	Royal Academy of Art, The Hague (KABK) (QS 50-100)	Yes	Yes	2011.7.8.	2021.7.8.	
7	The United States	School of the Art Institute of Chicago (SAIC) (QS 9)	Yes	Yes	2012.3.22.	2022.3.21.	Requirement for student exchange: 3 students per year
8	Japan	Chiba University	Yes	Yes	2013.1.9.	2019.1.1.	Requirement for student exchange: design
9	The United Kingdom	University of Brighton (QS 50-100)	Yes		2015.1.28.	2020.1.27.	Extension of the agreement under discussion
10	The United Kingdom	London Central Saint Martins College of Art and Design			2015.10.22.	2020.10.21.	
11	Japan	TAMA Art University		Yes	2017.3.27.	Indefinite	Requirement for student exchange: one student per year
12	Germany	University of Art and Design Offenbach	Yes	Yes	2018.3.19.	2023.3.19.	Requirement for student exchange: 3 students per year
13	Hong Kong	City University of Hong Kong		Yes	2018.7.9.	2021.7.9.	
14	Canada	Nova Scotia College of Art & Design (NSCAD)	Yes	Yes	2018.8.13.	2023.8.13.	Requirement for student exchange: undergraduate students only
15	Switzerland	ECAL/University of Art and Design Lausanne	Yes	Yes	2018.8.18.	2023.8.18.	
16	The United States	East Carolina University (ECU)	Yes	Yes	2019.8.5.	2024.8.4.	

17	Australia	Swinburne University of Technology (QS 43)	Yes		2020.09.21.	2022.09.30.	
18	Taiwan	National Taiwan University of Science and Technology (QS 50-100)		Yes	2020.10.14.	2025.10.13.	
19	Russia	Tomsk State University	Yes				Signing of the agreement under discussion
20	Canada	OCAD University (QS 101-150)					Signing of the agreement under discussion



[Figure 1] MOU signing status (18 schools signed (Blue-Line), 2 schools to be promoted (Yellow-Line))

5-3 Curriculum Vitae of Project Manager

Name	Jung, Eui-Chul	Position	Associate Dean & Professor of Department of Design, Seoul National University College of Fine Arts
Specialization	Industrial (Product/UX/Service) Design, Human-Centered Design Methodology		
Professional Experience	2002-2005	Researcher, Illinois Institute of Technology (IIT)	
	2004	Research Associate, Motorola	
	2000-2002	Team Leader (Senior Researcher and Designer) in R&D Center, Trigem Computer, Inc.	
	1996-2000	Representative Design Director, Design Group “able” Co, Ltd.	
Academic Publication		JCR / SCOPUS Journal Publication	
	2010	Methodology for context-sensitive system design by mapping internal contexts into visualization mechanism (Design Studies (SCI(E)))	
	2019	Automotive Cluster UI Design Based on Time and Path from the Perspective of the ‘Passenger’ (Archives of Design Research (ADR)) (SCOPUS)	
		KCI (Index of NRF (National Research Foundation of Korea)) Journal Publication	
	2019	A Proposal of User Interface Design Using Gestures to Improve Presence in Virtual Reality (Design Studies (The Korean Society of Science & Art (KCI)))	
	2019	Proposal of Product, Service, System Design Process and Methods for Finding Business using New Technology - Focus on Biometrics Technology - (Design Forum (KCI))	
		<i>Published 36 Korean journal papers at KCI except the 2 papers above.</i>	
Research Project	2019-2022	Study of Intelligent Interaction Design based on Human-AI (Artificial Intelligence) Relationships Framework (National Research Foundation of Korea)	
	2019-2021	Development of Integrated Interior Design for Autonomous Vehicles through Creation of UX for New Business (Korea Design of Bamboo Toothbrushes with Three Types for High-end, Simple, and Infant Market (Korea International Cooperation Agency (KOICA)))	
	2019	Development of UX/Service Design Scenario for AI-based B2B Platform (SAMSUNG Electronics)	
	2018	Development of UX/Service Design Scenario for AI-based B2B Platform (SAMSUNG Electronics)	
		<i>Conducted 24 UX, Product Design & Research Projects with Hyundai/KIA Motors, Samsung, LG, Korean Governments, etc. except the 4 projects above.</i>	
Book Publication	2019	Jung, E., “bauhaus”, Publisher: ahn graphics publishers, Seoul, Korea, 2016 (<i>Selected as Sejong Academic Excellence Books in 2019</i>)	
	2016	Jung, E., “Design Thinking on Education, Research, and Society”, Publisher: Hong Design, Seoul, Korea, 2016 (<i>Selected as Sejong Academic Excellence Books in 2017</i>)	
	2015	Jung, E., et al., “Integrative Design - Exploration for Innovation and Creativity that Designs an Organic Union of Human and Environment”, Publisher: Gyomoon publishers, Seoul, Korea, 2015	
	2012	Jung, E., “Child abuse and neglect: Chapter 8 Interaction Design for Preventing Child Abuse”, Publisher: InTech, London, UK, 2012	
	2010	Kim, N, Lee, S., Jung, E., et al., “Era of Design Era of Trend Design”, Publisher: MiraeBook, Seoul, Korea, 2010	

<p style="text-align: center;">Award</p>	<p>2020 Reddot Award 2020 – Reddot Winner (Bamboo Toothbrush, Manufacturer: Project Noah Inc.)</p> <p>2018 Reddot – Best of the Best Winner (Dr. Loupe: Iris Recognition Eye-wear)</p> <p>2017 Grand PRIZE: Project “Tri-Wheel Stair Walker”, Good Design Competition of Gyeonggi-Do Rehabilitation Engineering Service Research Support Center</p> <p>2009~2011 Excellent Lecturer Award, Research Education Award by Yonsei University (won every year for three years)</p>
<p style="text-align: center;">Patent Registration</p>	<p>2019 System for Preventing Act of Surrogate Test based on Biometric Authentication (Registration Number: 10-2037976)</p> <p>2019 Fingerprint Authentication and GPS-based Anti-theft System of Travel Goods (Registration Number: 10-1988258)</p> <p>2019 Trace Tracking System using Fingerprint Recognition with Virtual Sign Device (Registration Number: 10-195410)</p> <p>2018 Child Disappearance Prevention System using a Biometric Authentication Prevention Wearable Device (Registration Number: 10-194685)</p>

5-4 Curriculum Vitae of Project Participants

Name	Kim, Sunghee	Position	Professor of Oriental Art, Seoul National University College of Fine Arts
Specialization	Oriental Painting and Art History		
Individual Exhibition	2008	Recommentary1 – Kim Sunghee Exhibition, Velvet Gallery, Seoul	
	2004	Old Garden, Kumho Museum of Art, Seoul	
	2001	Unique Person - the Four Gracious Plants, Gongwharang, Seoul	
	2000	Unique Person- Painting of a fishing boat, Deokwon Gallery, Unique Person, Dongnae Dongnae Cultural Center, Busan	
	1997	Kim Sunghee Exhibition, Deokwon Gallery, Seoul	
Group Exhibition	2007	Homage 100, South Korean Modern Arts 1970-2007, Korea Art Center, Busan	
	2006	Forest of Silence-Meditative Forest, Seoul Museum of Art, South Seoul Center, Seoul	
	2005	Seoul Arts Competition, Seoul Museum of Art, Seoul	
	2003	South Korea Modern Arts Competition : Breath of the Nature St. Petersburg, Russia	
	2001	The eyes of the South Korean arts – the sixth anniversary of the opening of Sungkok Art Museum, Sungkok Art Museum, Seoul	
	1990	Exhibition in Search for the Youth (National Museum of Contemporary Art, Gwacheon) <i>And other domestic and international group exhibition</i>	
Academic Publication	2007	Fu pi' ts'un and Yun t'ou ts'un in the Mountain-and-Water Paintings of the Late Chosun period, Dongak Art History Issue 8, Dongak Art History Association, 2007	
	2001	A research of tree depiction techniques in the late Chosun, Dongak Art History Issue 1, Dongak Art History Association, 2001. 4 18 types of portraits and the portrait techniques in the late Chosun period, Art History Research Issue 227, South Korean Art History Association, 2000. 9	
	2000	Research on the painting techniques of the late Chosun period – focusing on portraits, landscape paintings, and depiction of trees – Doctoral paper, Dongguk University Department of Art History Department, 1999	
	1999	Dongguk University Department of Art History Department, 1999	

Name	Cho Inho	Position	Associate Professor of Oriental Art, Seoul National University College of Fine Arts
Specialization	Oriental Painting		
Professional Experience	2019-present	Associate Professor of Oriental Art, Seoul National University College of Fine Arts	
	2012-2019	Lecturer, Assistant Professor, Associate Professor of Arts Education, the Fourth Korea National University of Education	
	2010-2012	Lecturer, Kyungpook National University, Sungshin Women's University, Ewha Womans University	
Individual Exhibition	2017	'Fresh wind' (Hanbyeokwon Art Museum / Seoul)	
	2016	'離俗Ri-Sok' (Gala Gallery / Seoul)	
	2015	'俗離Sok-Ri, 離俗Ri-Sok' (Gallery Mano / Seoul)	
	2015	'俗離Sok-Ri' (Gallery Grimson / Seoul)	
	2012	'In search for the horizon' (Shinwha Gallery / Hong Kong)	
	2011	'Invitation by the landscape (Hoam Faculty House / Seoul)	
	2011	'By the wind' (Kring / Seoul)	
	2011	'Meeting myself' (Hanjin Art Center Gallery / Seoul)	
	2009	'Bending Landscape' (Gongwharang / Seoul)	
	2008	'Reunion' (Noam Gallery / Seoul)	
	2007	'White clothes landscape' (Kwanhoon Gallery / Seoul)	
Group Exhibition	2018	Exchange Exhibition for Korea-China Cultural and Artistic Masters in Western Paintings (Gangneung Art Center, Gangneung)	
	2018	Jeonnam International SUMUK Biennale (GeumBong Museum / Jindo)	
	2017	'Deep Sea' 2017 Shanghai International Exchange Exhibition (South Korean Art Center in Shanghai / Shanghai)	
	2016	'Hao! Confucius' Korea-China Exchange Exhibition (Kyunghee University Suwon International Campus, Hall of School of Arts and Design / Suwon)	
	2016	'The 8 th Art Road 77 Air Fair 2016' (Heyri Community House, Nonbat Gallery / Paju)	
	2016	'Voice of Asia' (Fukuoka Asian Art Museum / Fukuoka)	
Art Collection	Art Bank at National Museum of Contemporary, Songeun Cultural Foundation, Gasong Cultural Foundation, MK Chem&Tech, ING Bank(Seoul Branch), Seoul National University Dormitory, Seoul National University College of Humanities, Sooplus, Kim Kijoon Clinics, etc.		

Name	Shin, Chunghoon	Position	Assistant Professor of Western Art, Seoul National University College of Fine Arts
Specialization	Art History, Art Theory		
Professional Experience	2019-present	Assistant Professor of Western Arts, Seoul National University College of Fine Arts	
	2016-2019	Research Professor, Korea National University of Arts, South Korean Arts Research Center	
	2015-2016	Post-doctoral Researcher, Seoul National University College of Humanities	
Academic Publication	2019	Abstract, Science & Technology, Life: Abstract of Life Philosophy of Sumuk, South Korean Modern and Contemporary Art History 37	
	2017	“The ENVIRONMENT in Korean Art and Architecture in the Late 1960s”, Journal of Korean Modern & Contemporary Art History.	
	2017	The Painting of Modern Life in Colonial Korea: Gyeongseong in the Joseon Art Exhibition during the 1920s and 30s, Arts Materials 91	
Research Project	2019-2020	Biocenteredism and 20th century Korean art, Seoul National University	
	2016-2019	Korean art and Technology of 1960s, National Research Foundation of Korea	
	2018-2019	Korean Art and Technology of late 1960s, Ministry of Education	
	2015-2016	Mutual Exchange between Korean Art and Architecture of 1960s, Ministry of Education	
Book Publication	2020	“Reality and Utterance in and against Minjung art,” in Collision, Innovation, Interaction: Korea Art from 1953, ed. Chung Yeon Shim et. al. London: Phaidon	
	2019	「In search for the language of inevitability: the trend of the artistic narrative in the late 20 th century」, 『Square: arts and society 1900-2019』, National Museum of Contemporary Art	
	2019	「Review - Artists as historians during the colonial era」, 『Red Asia Complex: theory of Park Chankyung’s arts』, Real Culture A	

Name	Moon, Joo	Position	Professor of Sculpture, Seoul National University College of Fine Arts
Specialization	Sculpture, Communication Arts		
Professional Experience	1999-present 1997-1999	Professor Sculpture, Seoul National University College of Fine Full-time Lecturer of Environmental Sculpture, Kyungwon University College of Arts	
Individual Exhibition	2013 2002 1997 1997 1993 1988	Tears of The Land, IASKA Gallery, Kellerberrin, Australia Tokyo Gallery, Tokyo, Japan Kumho Museum of Art, Seoul Seoul Arts Center (MANIF 97), Seoul Total Museum, Jangheung Galerie ROHO, Berlin, Germany	
Group Exhibition	2009 2006 2006 2005 2005 2005 2004 2004 2002 2002 2002 2001 2000 2000 2000	Gamdong(Sabuk-Gohan public arts project), old Dongwon Tanjua Sabuk mining station, Sabuk Kim Se-choong Sculpture 20 th Anniversary Exhibition Light Expo-Light & Environment Exhibition, Qifanshan Park, Shen- yang, China KIAF Special Exhibition, COEX, Seoul Banana Suffer, Ium Gallery, Beijing, China Korean new media Art, Cologne Arts Fair, Cologne, Germany Unusual Combination, +gallery, Nagoya, Japan KIAF Special Exhibition, COEX, Seoul The 3rd Media City, Seoul, Seoul Museum of Art, Seoul Kyungwhasuweol, www.simspace.com Open Code, Ssamzie Gallery, Seoul Five Models of Alternative Space for Artists, Dongduk Art Gallery, Seoul, Korea Seaway of the New Millennium , National Museum of Contemporary Art, Gwacheon Video Circle 2000, Hong Kong Univ. of Science and Technology Center, Hong Kong Digital Journey, Subway Line 6, Seoul History and Perception, Seoul Na- tional University Museum, Seoul	
Award	1997 1995 1991	Total Arts Award Kim Se-choong Young Sculpture Award JoongAng Fine Arts Prize, special selection	

Name	Baak, Je	Position	Associate Professor of Sculpture, Seoul National University College of Fine Arts
Specialization	Installation Art, Art & Technology		
Professional Experience	2018-present 2015-2018 2014-2015 2012-2014 2004-2006	Associate Professor of Sculpture, Seoul National University College of Fine Arts Assistant Professor of Media Design, Kookmin University Assistant Professor of Visual Design, Ewha Womans University Adjunct Professor of Visual Design, Ewha Womans University Art Director, Ogilvy & Mather Korea	
Individual Exhibition	2019 2014 2013 2013	“RE-VIS-IT”, Hyundai Motor Studio, Seoul, South Korea “Ritual-Media-Karma”, HADAcontemporary, London, UK “Different Opinions”, Kumho Museum of Art, Seoul, South Korea “Poetic Compulsion”, Gallery Royal, Seoul, South Korea	
Group Exhibition	2020 2020 2019 2019 2019 2019 2018 2017 2016 2014	“Small ore in hands”, Taehwagang International Installation Art Festival, Ulsan “Shielded society”, Wumin Gallery, Chungju “Space of media”, Seoul National University Museum, Seoul “16 suns and 69 eyes”, Kumho Museum of Art, Seoul “A festival of time and space”, UM Museum, Hwaseong, South Korea “Brussels in SongEun: Imagining Cities Beyond Technology 2.0”, Songeun Art Space, Seoul, South Korea “Experiment Room” HMS Beijing, Beijing, China “Blank page”, Kumho Museum of Art, Seoul, South Korea Ars Electronica, Linz, Austria “Future is now!”, National Gallery of Modern and Contemporary Art, Rome, Italy	
Art Collection	JoongAng Ilbo, Hyundai Motor Group, Seoul National University Museum, MoA, National Museum of Contemporary Art, Kumho Museum of Art, Art Bank at National Museum of Contemporary Art		
Award	2017 2015 2013 2013 2011 2011 2010	“Grand Prize, Seoul Good Light Prize, “Moo!” Lotte Young Plaza Media Façade (Asia Special), Seoul Grand Prix, VH award, Hyundai Motor Selected as young artist, National Museum of Contemporary Art Selected as Kumho Young Artist, Kumho Museum of Art Artist of the visual area, BELT, Korean Printmaking Promotion Association Selected as new-generation design leader, KIDP Grand prize, JoongAng Fine Arts Contest	

Name	Her, Boyoon	Position	Assistant Professor of Craft, Seoul National University College of Fine Arts
Specialization	Craft, Craft Theory		
Professional Experience	2011-present	Full-time Assistant Professor of Craft, Seoul National University College of Fine Arts	
	2008	PhD in Art, Design & Media, Portsmouth University (UK)	
Academic Publication	2010	Design as Art: Lee Sunsuk 1946-1959, Applied Art Education, Sculpture_Archive Issue 2, Seoul National University College of Fine Arts Sculpture Research Center, 2010, pp.137-188	
	2009	A study of archive development in arts university, Sculpture_Archive Issue 1, Seoul National University College of Fine Arts Sculpture Research Center, 2009, pp.7-53	
	2008	The Formation of Taste Ideologies in the Korean Modern Age 1920-1935, Portsmouth University(A Doctor's thesis)	
	2000	Burberry and New Malden: Consumption of the Korean community in London, Middlesex University(A Master's thesis)	
Book Publication		『What is Sculpture』 Minjinsa (translator)	
	2011	『Establishment of Modern Knowing: Cultural History of Japan 1870-1910』 Somyung Publication (co-translator)	
	2011	『Kwon Soon-hyung and South Korean Modern Sculpture』 Minjinsa (author)	
	2009	『Conran and Bayley's Design & Design』 Design House (co-translator)	
	2008	『South Korean Design 02: Detailed Chronology of Visual Culture』 DipleBiz (co-author)	
	2008	『Expanding Modernity』 Somyung (co-translator)	
	2007	『New Women』 Hanibook (co-author)	
	2005	『Objects of Ambition, Social History of Design』 Ilbich (translator)	
	2004	『Objects of Ambition, Social History of Design』 Ilbich (translator)	
	2004	『Objects of Ambition, Social History of Design』 Ilbich (translator)	
	2002	『History of Design in the 20 th Century in Twelve Lines』 Design House (co-author)	
	2002	『Design Theory』 Sculpture Education (co-translator)	
Research Area	Study on the formation of South Korean modern sculpture Study on the value and social role of sculpture Study on the formation of the visual trend in modern South Korea		

Name	Min, Bog Ki	Position	Professor of Craft, Seoul National University College of Fine Arts
Specialization	Jewelry		
Exhibition	2011 2011 2008 2008 2008 2008 2008 2007 2007 2007 2007 2007 2007 2007 2005 2003 2003	Gallery Dam Special Invitational Exhibition „Cocoon“ Seoul Gold Craft Association, ‘Gogeu Gonggam’ Exhibition, Gana Art Space Korean Craft and Design Foundation Exhibition Entelecheia Kunst Handwerk Wettbewerb2008 BLICKFANG 2008 Liederhalle Stuttgart Schmuck Museum Pforzheim Ihnorgenta 2008 München, Design Halle Stuttgart Gallery 2007 Annual Exhibition Frankfurt Germany Industrial Design Contest Stuttgart Gallery 25 th Anniversary Exhibition, Werkstatt Galerie, Stuttgart Gottlob Frick-Medaille (Gottlob Frick-Gedächtnisstätte in Ölbronn) Combined Media of Ceramics and Craft, Schmuck in KERAMIK und MIXED MEDIA (Keramikmuseum Westerwald) „becher-paar-becher“ Stadthalle Chemnitz Ihnorgenta 2007 München (FH-Pforzheim, Design Halle) International Tourism Product Design Context (Kintex Halle) Crafts for Children, Schmuck für Kinder (Schmuckmuseum Pforzheim) Installation Art Contest – Lights (In front of Pforzheim’s city hall)	
Award	2002 2008 2007 2007 2005	Selected to the Korean Craft & Design Foundation Contest Accepted to Kunst Handwerk Wettbewerb Accepted to the Frankfurt. Industrial Design Context, Germany The third place at Gottlob Frick-Medaille Selected to the 2005 International Tourism Product Design Context	
Publication/ Press	2008 2010 2008 2008 2008 2008 2008 2007-2008 2008 2006 2006 2005 2005	The Compendium Finale of contemporary Jewellers 2008 SWR3 BW TV News 12.10.2010 GZ Goldschmied Zeitung 04.2008 p.138 SWR3 BW TV News 07.02.2008 21:45 U.J.S. Uhren Juwelen Schmuck 04.2008 p.62 Pforzheimer Zeitung 07.02.2008 Nummer 32 p.17 Pforzheimer Kurier 07.02.2008 Ausgabe Nr.32 p.15 Design Magazin 12.2007-02.2008 Pforzheimer Zeitung 13.10.2008 Nummer 237 p.36 Pforzheimer Zeitung 09.02.2006 p.8 Pforzheimer Kurier 10.02 2006 Ausgabe Nr.34 p.22 Pforzheimer Zeitung 12.02.2005 p.23 Fachzeitschrift „Licht“ 06.2005 p.455	
Art Collection	Schmuckmuseum, Museum der Pforzheim Werkstatt Galerie, Stuttgart Werkstatt Gallery Gottlob FrickGedächtnisstätte, Ölbronn		

Name	Chae, Jung-Woo	Position	Associate Professor of Design, Seoul National University College of Fine Arts
Specialization	Industrial Design		
Professional Experience	2015-present	Professor of Design, Seoul National University College of Fine Arts	
	2004-2014	President, CA PLAN Co., Ltd.	
Academic Publication	2019	An Analysis of Museum Exhibition Space using Space Syntax Theory, Korea Institute of Spatial Design	
	2018	Extension of the Concept of Urban Ecology by Interactive Media, Korea Institute of Spatial Design	
	2018	Institute of Spatial Design	
	2017	User Participation Environment Color Plan-Focusing on Mokdong Middle School Case, Korea Society of Color Studies	
		A Study on the Status of Space Design Policy for Cultural Regeneration of Idle Spaces in Korea, Korea Institute of Spatial Design	
Research Project	2019	External writing UX research for Kia self-driving cars, Kia Motors	
	2019	Media research for CES 2020 Hyundai Motors's exhibition design	
	2018	Academic research for establishment of the basic planning for Seoul's urban lights	
	2018	The development of AR-based concept and design for the global motor show, Hyundai Motors	
	2016	Research for revitalizing Gokseong's tourism by incorporating and Kakao and Rose, Gokseong	
	2013	Research for establishing YesNesco's identify and development of attraction sites, YesNesco South Korea Committee	
Book Publication	2017	Publication in a magazine, Exhibitions in the Digital Era: A New Perspective, Public Art	
Award	2015	Asia Architecture Award	
	2014	Reddot Design Award (Germany)	
	2012	IF Communication Design Award (Germany), 작품명: T.um	
	2011	Reddot Design Award (event design 분야) (Germany), 작품명: T.um	
	2010	IDEA Design Award (Gold Prize, Environment Design 분야)	
	2010	IF Design Award (Germany)	
	2010	Reddot Design Award(Germany)	
	2008	IDEA Design Award (Silver Prize, Environment Design)	

Name	Jang, Sung Yun	Position	Assistant Professor of Design, Seoul National University College of Fine Arts
Specialization	Living Design, Sculpture		
Professional Experience	2018-present	Assistant Professor of Design, Seoul National University College of Fine Arts	
	2017-2018	Assistant Professor of Konkuk University College of Art and Design, Department of Industrial Design	
	2015-2017	Lecturer of Design, Seoul National University College of Fine Arts	
	2015-2017	Lecturer, Konkuk University College of Art and Design, Department of Industrial Design	
	2014-2016	Lecturer, Sejong University College of Art and Physical Education, Department of Industrial Design	
	2013-2017	Founder and President, space and furniture design studio D.LAB13	
	2011-2015	Lecturer of Environmental Design, Incheon Catholic University College of Fine Art and Design	
Academic Activities	2020-present	Director, Korea Society of Design Science	
	2019-present	Editor, Korea Institute of Design Research Society	
Academic Publication and Book Publication	2020	Joint Book Publication, 2020 Beyond Bauhaus (Jang Sungyeon and seven others), Seoul Design Foundation	
	2017	Academic publication, A Study on the Problem of Limitation and Extensive Evaluation of Design Evaluation, Brand Design Association of Korea	
	2016	Academic publication, A Proposal of Conjugate Model for the Sustainable Space Design Planning, Brand Design Association of Korea	
	2016	Academic publication, Systematization of Value Attribute Element for Space Design Planning, Korea Society of Industrial Design.	
	2013	Academic publication, The Complex distinctive mechanism of homogeneous and heterogeneous, beauty and ugliness in space, Korean Society Of Basic Design & Art.	
Exhibition	2019	Exhibition advisory, 2020 Everland Seollem Studio, Advisor, Samsung Everland	
	2019	Exhibition advisory, Bauhaus 100-week 10X10 Exhibition, Advisor, Seoul Design Foundation	
	2018	Exhibition advisory, Milan Design Week, Salone Satelite, Co-advisor, Milan, Italy	
	2017	Individual Exhibition, Blank Space Gallery, NY, U.S	
	2012	Group Exhibition, Past to Present Exhibition, Idyllwild Arts, CA, U.S	
	2010	Group Exhibition, Cumulus 20th Anniversary Exhibition, China et al.	
Award	2019	Bauhaus 100th University 10x10 Award for Advisor, Seoul Design Foundation	
	2016	Korea Design Foundation International Invitational, Special Prize , <Dramatic Contrast>, Korea	
Research Project	2020	Lead researcher for the research study for Suncheon Universal Design basic planning, Suncheon City Government	
	2019	Lead researcher for a sculpture design study utilizing 3d printers, Seoul National University <i>And numerous others projects about residential and commercial space remodeling</i>	

Name	Lee, Jang sub	Position	Assistant Professor of Design, Seoul National University College of Fine Arts
Specialization	Public Communication, Branding		
Professional Experience	2018-present 2014-2018 2011-2018 2009-2010 2009-2010 2003-2004 1999-2001	Assistant Professor of Design, Seoul National University College of Fine Arts Lecturer of Design, Seoul National University College of Fine Arts Creative Director and President, Action Seoul Lecturer of Design, Seoul National University College of Fine Arts Lecturer of Visual Design, University of Seoul Department of Industrial Design 2003-2004 Art Director, Image Drome Member of Seoul National University's design group 'Anida' '	
Academic Activity	2020 2019 2018	Join-publication Naver Design Colloquium 19 / Publication of 'A study of brand communication design' /Publication of 'Fetish about complexity'	
On-campus Project	2020 2019 2019	SNU-CU Seoul National University-Chiba University, Japan International design workshop planning and execution / Bangsan Market, Seoul CI design for the fundraising campaign for Seoul National University Development Fund / Seoul National University Development Fund Research on the development direction of Seoul National University Siheung Campus UI(University Identity) / On-campus re-research assignment	
Major Project	2019 2019 2018-2019 2018 2018 2017 2017	Purme Foundation social agriculture business model planning Korea Institute for Health and Social Affairs Researcher CI Design / Korea Institute for Health and Social Affairs Researcher Naver Shopping small business brand design research / Naver Design directing and appearance for the TV program aimed at promotion of traditional markets 'SBS Delivery Company' / SBS Development of education methodology and workshop for design utilizing Seoul's urban manufacturing infrastructure/DDP (Dongdaemun Design Plaza) Branding planning and design for the South Korean child protection campaign 'One Child' / Save the Child Korea Planning and design for a brand for Jeju's local revival 'Haenyeo Samchun' / Jeju Tot Wellness Development Organization	
Exhibition	2019 2018 2010 2010 2009 2009 2008 2007	Graphic Fashion / 2019 DDP Design Fair / DDP, Seoul / Planning Paper Play / Playing ASEAN / ASEAN Culture House, Busan / Invitation Message from the old future / 2010 Shanghai Expo / South Korean Pavilion, Shanghai / Invitation Paper Garden / Save the earth / Kumho Museum of Art, Seoul / Invitation Llum / Christmas in August / Gana Art Gallery, Seoul / Invitation SIM / Yeomiji Art Biennale / Yeomiji Botanical Garden, Jeju / Invitation ComplexCity / Design Act / Moscow / Invitation Space titled LOVE / 'I-design' / Kumho Museum of Art, Seoul ComplexCity, Seoul / Tent London, London Design Festival / Truman Brewery, London / Design Fair	

5-5 List of outstanding exhibitions and competitions

International Exhibition

Tokyo Design Week (First Session: held every October/ Second Session: held every November): tokyodesignweek.jp

It started in 1989 as 'Designers' Saturday.' In 1997, it changed its name to 'Tokyo Design Week' incorporating architecture, interior, product, and graphic design. There are four broad categories under Tokyo Design Week (companies, creators, students and young creators, special exhibition). Under the category of students and young creators, there are four areas open for submission: school product exhibition, debut exhibition, OB/OG exhibition, and able space design competition.

Beijing Design Week (held every September): www.bjdw.org

Beijing Design Week, which launched in 2009, takes advantage of the space in the host city to hold exhibitions in either local galleries or buildings of old industrial complexes. Every year, it contains a program under which it invites a foreign city and shares the creative design of that city (2011-London, 2012-Milan, 2013-Amsterdam, 2014-Barcelona, 2015-Dubai, 2016-Seoul). Beijing Design Week consists of seven core sections.

100% Design London (held every September): www.100percentdesign.co.uk

Launched in 1995, 100% Design is the biggest contemporary design show in the United Kingdom. It has exported exhibitions to dozens of countries by lending its brand around the world and receiving loyalties in exchange. It is a community for designers showcasing new designs and creators pursuing innovation. It is also seen as a stage for young designers with unique ideas. In particular, it embodies design quality, innovation, and design intellection as its major keywords. It is not just a show that presents design trends but also that is meaningful in showing the values and strength of design as a part of the United Kingdom's 'creative industry.'

Design Junction London (held every September): thedesignjunction.co.uk

Design Junction is a trade-focused brand. It has emerged from the London Design Week as a trade show that attracts high-end brands. Its participants are design platforms that produce unique middle-range design companies including James Burleigh, modus, Nomad, and Vitra.

Tent & Supper brand London (held every September): tentlondon.co.uk

It is one of the London Design Week shows that is held in East London for four days. Its main participants are independent designers, rookie studios, international pavilions, and galleries. It has a strong flavor in craft. Its attendants include Daniel Schofield Studio, and Preciosa Lighting.

Maison & Object Paris (held every February/September): www.maison-objet.com

This is an exhibition that take place twice a year. It started as a combined show in 1995 for eight exhibitions related to interior design and daily supply design. It is an active business space for world-class experts and participating companies. For viewers, it is an opportunity to learn about creative designs. Its 2015 participants from South Korea include ACACI and LAGO.

Milan Salone del Mobile (Salone Satellite) (held every April): www.cismit.it

Launched in 1961, it is an exhibition aimed at promoting the development of the furniture industry in Italy. This is the world's biggest design exhibition and the most famous trend show. It is attended by global companies, major vendors in the design industry, relevant agencies. Furniture is still the main component of the show but recently non-furniture companies like Samsung and Philips are increasing in number, adding the trend of 'lifestyle design' to the show. Salone Satellite, in particular, is a zone dedicated to young designers and is attended by various design schools around the world.

Stockholm Furniture & Light Fair (held every February): www.stockholmfurniturefair.com
Launched in 1951, this is one of the biggest furniture exhibitions in Northern Europe. It has been growing fast since 2003 and it has a variety of programs including a booth that supports new designers.

International Competition

IDEA (registration opens every January): www.idsa.org/IDEA

It is one of the major international design competitions. It is hosted annually by the Industrial Designers Society of America (IDSA) to spread and promote outstanding designs across a variety of industry sectors.

IF (registration opens every January): ifworlddesignguide.com

It is an international competition that started in Germany since 1953. It is one of the major international design competitions the evaluation standards of which include suitability of the materials, innovation, environment friendliness, functionality, convenience, and aesthetic.

Red-Dot (registration opens every January): www.stockholmfurniturefair.com

It is the biggest design competition that started in Germany in 1955. It is one of the major international design competitions that receives numerous submissions for product design, communication design, and concept design.

5-6 Currently Available Programs for Improving Art & Design Quality

The United States: NASAD

NASAD (National Association of Schools of Art and Design), founded in 1944 is a certification agency for universities and schools in the United States. The major agenda for the NASAD is the certification of educational programs for visual arts and establishment of standards and instructions for the curriculum. It is the sole certification agency recognized by the US Department of Education that oversees all subareas of arts and design. The association consists of 365 member institutions including public and private universities and independent arts and design schools. The NASAD certification is based on an evaluation of overall resources and policies related to education, finance, space, infrastructure, technology, teaching, and faculty development. A majority of universities strictly comply with the standards set by the NASAD when delivering various education programs, thereby contributing to the development of various goals and fairness. Institutions are certified and improved regularly within a ten-year time frame.

The NASAD certification is conducted not by an external regulatory body but a board of directors consisting of experts selected by the NASAD members. In addition to two public officials, six directors from arts and design with a diversity of background and perspectives are selected to make a balanced board.

The US arts and designs schools ranked highly on the QS ranking are all certified by NASAD and are members thereof (Parsons School of Design, The New School, Rhode Island School of Design, School of the Art Institute of Chicago, Pratt Institute, etc.).

Board : President, Provost Jeffrey D. Nesin (School of Visual Arts)

Vice President, Provost Sally McRorie (Florida State University) et al.

link: <https://nasad.arts-accredit.org>

The United Kingdom: QAA (Check for high education and quality in the UK)

It suggests the level and qualitative operating system that higher education should reach

QAA (Quality Assurance Agency for Higher Education) is an independent institution that verifies the standard and quality of the higher education in the United Kingdom. Using evaluations by external experts, QAA verifies the methods adopted by the UK universities and providers of higher education to maintain their educational standards and quality. The evaluators examine whether these institutions meet the 19 expectations laid out in the quality code agreed and certified by the UK higher education. Moreover, it provides advice to the UK Privy Council on the institutional requests for degree conferral and invitation.

Besides its role in maintaining the reputation of the UK higher education, QAA regulates the access to higher education diploma. This is the right to confer the general qualification to an individual without an A level to receive higher education. QAA cooperates with institutions interested in the reputation of the UK higher education such as Higher Education Academy, Universities UK, and GuildHE.

Board: Chair, Prof. Simon Gaskell (University of Manchester Institute of Science and Technology)

Vice-Chair, Linda Duncan (REDCapCloud) et al.

Link: <https://www.qaa.ac.uk>

Germany: ACQUIN (Accreditation, Certification and Quality Assurance Institute)

Accrediterungs-, Zertifizierungs- und Qualitätssicherungs-Institut (Accreditation, Certification and Quality Assurance Institute) (ACQUIN) is a school certification system founded in 2001 to address the need to guarantee degree quality of undergraduate and graduate schools that are part of Europe's Bologna Process and later in Germany.

ACQUIN is a membership-based non-profit organization located in Bayreuth, Bavaria. This organization operates with the license from Germany's certification association and therefore has the right to grant quality certification so that people can study with a certified program. This organization is a member of various international networks including ENQA (European Network for Quality Assurance), EUA (European University Association), CEENQA (Central Eastern European Network for Quality Assurance), INQAAHE (International Network for Quality Assurance Agencies in Higher Education) and ARQAANE (Arab Organization for Quality Assurance in Education). ACQUIN operates internationally in several major regions including Europe's German-speaking regions, the Middle East, Eastern Europe, North America, and the Near East. Present ACQUIN is an organization of over 100 higher education institutions in Germany, Austria, Switzerland, Hungary, and the United States. ACQUIN operates not only as a higher education agency for certification services but also as a non-profit organization with funds raised through membership fees. It has 86 members as of 2003. ACQUIN performs evaluation and approval procedures for educational programs in major areas provided by universities and professional schools. It puts special emphasis on active evaluation of program providers. This organization certifies all major areas provided by higher education institutions. The goal setting of an educational program is important to the outcome of the certification procedure. ACQUIN is an independent non-governmental agency founded upon the basic academic philosophy and tradition. The steps for Begutachtung and certification procedure are as follows:

Step 1. Self-evaluation by the program provider

Step 2. Group peer evaluation by external experts designated by ACQUIN

Step 3. Evaluation of reports and opinions by ACQUIN experts

Step 4. Decision on the Begutachtung outcome (approval with or without condition)

ACQUIN has granted a long-term approval for famous arts and design universities in Germany like Universität der Künste Berlin.

Chair: Valérie Morelle

Link: <https://www.acquin.org/en/programmeaccreditation/>

Singapore: EDU TRUS

Edu Trust Certification Scheme (EduTrust) is a quality assurance system managed by CPE for Singapore's PEI. It identifies private schools that could continuously maintain a high quality when providing general educational services and aims to continuously improve education that would lead to high-achieving students. EduTrust is a system that differentiates private schools according to the improvements that they make to result in good educational quality and result. There are a total of seven standards and three certification awards. The evaluation processes take about 2-4 days and 3-5 evaluation officials (from the Committee for Private Education under the Ministry of Education of Singapore) are involved to evaluate detailed aspects of a school including administration, curriculum, volunteer services system, management of infrastructure, and so on. The certification review is categorized into three levels:

-Level 1 : Edu Trust Star-Best Private University (verified every four years)

-Level 2 : Edu Trust-Excellent Private University (verified every four years)

-Level 3 : Edu Trust tentative certification (Effective once every year)

Board: Chair, Wong Kim Yin (Group Chief Executive Officer at Singapore Power Ltd)

Member, Prof. Pang Hwee Hwa (Singapore Management University)

Link: <https://www.ssg.gov.sg/cpe/for-peis/edutrust-certification-scheme.html>

China: CUSR

China University Subject Ranking (CUSR) evaluates universities and subjects thereof in the mainland China based on the catalogues for degree conferral and personnel education subjects approved by the Ministry of Education. It is a non-profit program independently incorporated under China Academic Degrees and Graduate Education Development Center (CDGDC). CUSR aims to support participating universities and institutions in learning about their own strengths and weaknesses and to provide information about graduate schools across the country. In addition, it is utilized as a reference for students to decide on the major in their future schools. It is a platform for the public to learn about the achievements and conditions of subjects in China's higher education. CUSR completed four rounds of evaluation between 2002 and 2017. The fourth round started in April 2016 with the voluntary and open participation as its principle and a total of 7449 subjects from 513 universities participated. The fourth CUSR contains many innovations thanks to an objective review of the data and the peer review, combined with prior experience. The data was drawn from official public information and the materials submitted by universities for evaluation and was rigorously certified by CDGDC.

The following universities from China were certified under the 2017 CUSR outcome.
Tsinghua University (A+), China Academy of Art (A+), Central Academy of Fine Arts (A), Tongji University (A), Soochow University (A-), Jiangnan University (A-), Nanjing University of the Arts (A-)

Board: Director, Huang Baoyin

Vice Director, Ren Zenglin, Lin Mengquan

Link: <http://www.chinadegrees.cn/xwyyjsjyxx/xkpgjg/2016phden/index.shtml>

5-7 Index for Improving Art & Design Education Quality

NASAD (The United States)	<p>- The United States is a certification agency for each subject area. NASAD is the only agency for arts (painting, design, dance, music, performance, leisure).</p> <p>- NASAD is founded in 1944 as the national certification agency for arts and design institutes and programs in the United States and has more than 300 member institutions.</p> <p>- It provides certification for not only professional arts and design institution but also for universities and specific arts and design programs within universities.</p> <p>- Besides certification, it provides developmental, institutional, statistical and policy research.</p> <p>- Major art universities involved : PARSONS SCHOOL OF DESIGN, THE NEW SCHOOL RHODE ISLAND SCHOOL OF DESIGN, SCHOOL OF THE ART INSTITUTE OF CHICAGO, PRATT INSTITUTE, etc. <NASAD Handbook: Program Guidelines></p>			
	Painting	Sculpture	Craft	Design
	<p>- Painting research constitutes 25-35% of the entire program</p> <p>- Supports for arts and design: 20-30%</p> <p>- Art History research: 10-15%</p> <p>- General research: 25-35 %.</p> <p>- Specialized research, art support program, and design and visual art history research usually constitutes more than 65% of the entire curriculum</p> <p>* Required capability</p> <ol style="list-style-type: none"> 1. An understanding of the basic design principles, concepts, media, and formats; the ability to deploy the composition of design elements and the effective use of drawing media in services that generate specific aesthetic intentions and conceptual locations. 2. An understanding of the possibilities and limits of drawing media. 3. Knowledge and skills of using basic tools and techniques sufficient for work from conceptualization to final product completion, including mastery of traditional techniques and conceptual approaches to drawing. 4. Functional knowledge of the history of painting. 5. Extensive exploration for various possibilities for technological manipulations of innovative images available to the draftsman. 	<p>- Ceramics research constitutes 25-35% of the entire program</p> <p>- Supports for arts, design, and sculpture: 20-30 %</p> <p>- Research on artistic and sculptural history: 10-15 %</p> <p>- General research: 25-35 %.</p> <p>- Specialized research, supports for art, design, and sculpture, visual art history research constitutes more than 65%</p> <p>* Required capability</p> <ol style="list-style-type: none"> 1. An understanding of basic design principles related to ceramics, advanced work with 3D design and the development of design solutions must continue throughout the program. 2. Knowledge and skills of using basic tools, techniques, and process usage sufficient for work from conceptualization to final product completion, including knowledge on materials and technological procedures like clay, glaze, and plasticity And knowledge about user conduct about materials and procedures that align with health, safety, and general environmental management. 3. An understanding of various applied ceramics technology. 	<p>- Craft research constitutes 25-35% of the entire program</p> <p>- Supports for arts, design, and sculpture: 20-30 %</p> <p>- Research on artistic and craft history: 10-15 %</p> <p>- General research: 25-35 %.</p> <p>- Specialized research, supports for art, design, and craft, visual art history research constitutes more than 65%</p> <p>* Required capability</p> <ol style="list-style-type: none"> 1. An understanding of basic design principles, concepts, media, and formats related to craft; and the ability to apply concepts into specific craft projects with an emphasis on 3D design. 2. Knowledge and skills about the relationship among applications and form of various media, aesthetic values, and functionality, and relevant craft techniques. <p>It is required to achieve technical capability in at least one specialized area in craft.</p> <ol style="list-style-type: none"> 3. The ability to resolve technical problems and perform basic design in at least one specialized area in craft. 4. Practical knowledge 	<p><Visual design></p> <p>- Communication design research constitutes 25-35% of the entire program</p> <p>- Design-related technique and visual art class: 20-30%</p> <p>- Research on art/design history and theory: 10-15%</p> <p>- General research: 25-35%,</p> <p>- Research on major areas (support programs for design, relevant techniques, and visual art; and visual art), design history and theory must constitute at least 65% of the curriculum</p> <p>* Required capability :</p> <p>Visual communication integrating and including professional practical elements and system conception, design ability, basic visual communication principles, and an understanding and application of processes; the ability to integrating research and discovery about humans to decision-making about communication design, cooperation among departments, ability to use techniques, etc.</p> <p><Industrial design></p> <p>- Industrial design constitutes 35% of the entire program</p> <p>- Design-related techniques and visual arts: 25-30%</p> <p>- Research about arts/design history and theory: 10-15%</p> <p>- General research: 25-30%</p>

	<p>6. Completion of final projects related to the work exhibition,</p>	<p>4. An understanding of the place of ceramics in the history of art, design, and culture.</p> <p>5. Functional knowledge about basic business norms.</p> <p>6. Clay body and glaze preparation, procedures for kiln building, and plasticity process</p> <p>7. Easy and regular access to materials, equipment, and library resources relevant to ceramics studies</p> <p>8. Completion of final projects related to the work exhibition</p>	<p>about various design methods and conceptualization of craft project, the relationship between the development and completion</p> <p>5. An understanding of the similarities, differences, and relationship among various craft specialization</p> <p>6. An understanding of the place of crafts in the history of art, design, and culture</p> <p>7. Functional knowledge about basic business norms</p> <p>8. Promotion of similarity with various craft projects in various professional areas and media</p> <p>9. Opportunities to develop specializations with a focus on craft</p>	<p>- Research on industrial design, support programs for design, relevant techniques, visual arts, history and theory about arts and design must constitute at 65% of the general curriculum</p> <p>* Required capability : The ability to design products and systems; the ability to use techniques and tools related to expression, development, commercialization, and usage of multi-dimensional systems; basic knowledge about the history of industrial design; the ability to research, define, and communicate about problems, variables, and requested items.</p>
<p>QAA (The United King- dom)</p>	<p>- The evaluation of the UK universities is conducted in two main forms: evaluation of the <u>educational quality of higher education institutions</u> and research performance evaluation.</p> <p>- <u>QAA</u> (Quality Assurance Agency for Higher Education), established to ensure independence and diversity of higher education institutions has been responsible for <u>the evaluation to ensure the quality of education</u> since 1997. HEFCE(Higher Education Funding Council for England) is conducting the Research Assessment Exercise (RAE) for higher education institutions.</p> <p>- QAA conducted self-evaluation to assess the relevant departments in early-stage universities and the strengths and weaknesses thereof but it was suspended in 2005. In 2006, the departmental evaluation was terminated. Currently, it seems that QAA only conducts university-wide evaluation.</p> <p>- The departmental evaluation by QQA does not present the evaluative standards against which one can determine whether the evaluated entity meets the requirements or not. Instead, it focuses on presenting a guideline about how and what to include in the self-evaluation report and research about the quality of education that students are receiving.</p> <p><Arts and design guideline (Subject BenchMark_ Art & Design)>: attached is a general guide for self-evaluation reports</p> <p>* Items to improve in arts/design</p> <ul style="list-style-type: none"> - Creativity, aesthetics, intellectual curiosity, teamwork techniques - Perception of diversity, an understanding of quality and detailed items, the ability to conduct research using various methodologies - The quality of reflecting critically about one's own academic performance and development - The ability to apply ethical considerations into creative work - The ability to work flexibility and independently 			

	<ul style="list-style-type: none"> - The ability to communicate through various channels * The qualities to pursue <ul style="list-style-type: none"> - The usage of materials, media, techniques, methodologies, technology and tools related to the research area incorporating technology and creativity while complying with professional and legal responsibilities needed for healthy and ethical norms and themes - Creative application, possibility for employment, company, preparation for additional research, effective acquisition of knowledge and understanding in the context of research and individual development, clarification, synthesis and formation of qualities and technology - An understanding of the role and effect of intellectual property in the context of arts and design - The ability to apply, synthesize and develop learning into various situations both inside and outside the field of arts and design <p><Evaluation Method></p> <ul style="list-style-type: none"> - Evaluation takes place every six years. It is conducted with a document review based on the materials collected through self-evaluative reports submitted by educational institutions and those collected by the QAA, followed by an on-site evaluation. - The members of the evaluative committee consist of 2-6 professors and students from other universities. The evaluative outcome is presented in one the three (satisfactory/improvement needed/unsatisfactory) or four (extremely satisfactory/satisfactory/improvement needed/unsatisfactory) levels accompanied with good examples and recommendations. - Major arts universities involved: Royal College of Art, University of the Arts London, etc.
<p style="text-align: center;">AC- QUIN (Ger- many)</p>	<ul style="list-style-type: none"> - Akkreditierungsrat is established in December 3, 1998 by KMK(Kulturministerium-konferenz) - This body consists of the representatives of higher education institutions, federations, professional unions and students. It aims to regulate the quality certification of teaching and educational programs and the substitutional certification agencies. ACQUIN is one of the agencies certified by this body. - <u>ACQUIN performs evaluation and approval procedures for curriculum of specialized studies in universities and professional schools.</u> It focuses on active evaluation of program providers and has the authority to certify all majors provided by a higher education institution. <p><Certification procedure for appraisal></p> <ol style="list-style-type: none"> 1. Internal evaluation by the program providers 2. Group peer evaluation by external experts designated by ACQUIN 3. Review of reports and opinions by ACQUIN experts 4. Confirmation of appraisal outcome (approval with or without condition) <ul style="list-style-type: none"> - Major arts universities involved: Universität der Künste Berlin(Berlin Arts University), Hochschule für Bildende Künste Hamburg (University of Hamburg), Akademie der Bildenden Künste München(The Academy of Fine Arts, Munich), Folkwang Universität der Künste, Essen(University of Essen, Germany), etc.

- Source for information related to NASAD: (NASAD Handbook), <A study of the basic direction in certification and approval of academic subject areas (programs)> Ministry of Education, Science and Technology
- Source for information related to the UK education(QAA): < A study of the basic direction in certification and approval of academic subject areas (programs)> Ministry of Education, Science and Technology
- Source for information related to Germany(ACQUIN): <A study of the graduate school programs and the direction for development > Korean Educational Development Institute