

Future Direction of Creative Computing: Education, Research, Innovation and Technology

The screenshot shows the MREM (Media Relations & Event Management) website. The header includes the MREM logo, navigation links (Home, About, Press Release, Note To Editor, Download, Contact, Links), and a search bar. The main content area features a press release titled "FUTURE DIRECTION OF CREATIVE COMPUTING: EDUCATION, RESEARCH, INNOVATION AND TECHNOLOGY" dated Monday 14/06/2021. The text discusses the origins of 'Creative Computing' in 1974 and its evolution. To the right, there is an "EVENTS" section listing various conferences and a "FIND US" section with social media links. The website also includes a "Press Releases" section for Malaysia & Singapore and a "Jointly Organised by" section for the Institute of Islamic Understanding Malaysia.

PRESS RELEASE

FUTURE DIRECTION OF CREATIVE COMPUTING: EDUCATION, RESEARCH, INNOVATION AND TECHNOLOGY

Monday 14/06/2021

BACHOK, June 14 (Bernama) -- The first term of 'Creative Computing' has started since 1974 when the first issue of Creative Computing magazine had been released. Creative Computing was one of the earliest magazines covering the microcomputer revolution.

The term begins to express the broader understanding how the possibility of integration between two different world, creative technology and computing technology. Generic definition of creative computing still being debated among scholars and researcher around the globe.

The worldwide revolution of information technology triggers numerous computing in creative ways that changes and improves human life dramatically. Further study of research scope and challenges for Creative Computing in order to develop Creative Computing more efficiently and effectively to serve the world and future research were also be speculated.

Further research still required towards the expansion of Creative Computing knowledge for future young generations that will influence their lifestyle, work, study and manage their daily lives. Current development of creative computing knowledge will support the entire growth of the future digital creative economy, creating a more innovative job market in the industry.

Creativity of human, Empowerment of knowledge, and Computing infrastructure are the fundamental components for the creation of the creative computing concept. Creative computing supports the development of personal connections in computing, by drawing upon creativity, imagination, and interests.

Creative computing knowledge is an enabler for human creativity. Creative computing emphasizes the

EVENTS

- PIPOC 2007
- IKIM :THE ROLE OF ISLAMIC
- KL OIC HEALTH
- DEVELOPING 8 (D8) MINISTERS MEETING ON FOOD SECURITY

FIND US

Bernama Media Relati...
Like Page 596 likes

The first term of 'Creative Computing' has started since 1974 when the first issue of Creative Computing magazine had been released. Creative Computing was one of the earliest magazines covering the microcomputer revolution. The term begins to express the broader understanding how the possibility of integration between two different world, creative technology and computing technology. Generic definition of creative computing still being debated among scholars and researcher around the globe. The worldwide revolution of information technology triggers numerous computing in creative ways that changes and improves human life dramatically. Further study of research scope and challenges for Creative Computing in order to develop Creative Computing more efficiently and effectively to serve the world and future research were also be speculated. Further research still required towards the expansion of Creative Computing knowledge for future young generations that will influence their lifestyle, work, study and manage their daily lives. Current development of creative computing knowledge will support the entire growth of the future digital

creative economy, creating a more innovative job market in the industry. Creativity of human, Empowerment of knowledge, and Computing infrastructure are the fundamental components for the creation of the creative computing concept. Creative computing supports the development of personal connections in computing, by drawing upon creativity, imagination, and interests. Creative computing knowledge is an enabler for human creativity. Creative computing emphasizes the knowledge, practices, and fundamental literacies that young people need to create the types of dynamic and interactive computational media that they enjoy in their daily lives. Empowerment of the knowledge through creative computing will encourage human mind's capability to be more creative solving the problem and generate better ideas.

Creative Computing studies emphasized on Computing Technology as an enabler and others disciplines as content for the knowledge. It's allow the expansions of new discoveries beyond the field of computer technology, multimedia, internet technology and media studies. Combination of these several related multidiscipline field will be the foundation of these growing fields. The direction of creative computing studies would benefit the entire global economy, politics and social ecosystem. Due to aggressive development of computing technology and complexity of creative human mind, the integration of this knowledge will create a potential area of studies for future generation technological-driven of creative digital economy.

Creative Computing studies offered by universities could be different, but core principles of Creative Computing concept were the same. Creative Computing studies is an innovative programme designed to equip students with the digital skills and creative thinking tools they need to succeed in industry. This academic programme applied the computer programming as a tool for artistic, social or cultural change, or an enterprising person who seeks a more diverse technical skill set, Creative Computing can assist the student to develop specific expertise that are in high demand across the digital sector today globally. Creative Computing programme provides an opportunity to accrue fundamental computing and creative thinking skills, combinations across a number of disciplines from arts, humanities, business and computer sciences. It's allowed the flexibility of the graduates to enhance their learning experience in diversify areas of knowledge. The curriculum structure was designed to develop the individual skill for technology-led creative in the media industries. Its will nurture individual cognitive, psychomotor and affective development not just as a technical expert, but also as a creative thinker, allowing them to learn and explore through a combination of computing technology knowledge and creative imagination on the art. The programme could provide sufficient knowledge

for both the technical understanding and the creative freedom to develop ideas and thought using computer technology.

The advanced computing technology facilities and infrastructure in Creative Computing research activities could be the most contributing factors for the success of the research outcomes. The complete computing infrastructure needed in order to conduct the creative computing related research activities. Continues research and development in Creative Computing studies yet to be realized as effort that able to bridge the gap between people and technology in the future. Perhaps in the future more and more centre of excellent will be establish in the niche area in creative computing field. Therefore, researchers and key players in industry should develop their skills in industry standard software and be shown established methods for creating engaging and exciting experiences through emerging research in creative computing technology.

Academics, researchers and industry practitioner's innovative effort in creative computing body of knowledge that harvest both advantages between the advanced computing technology and creative art creation. Creative Computing knowledge is an innovative integration two and more knowledge to equip student with the digital skills and creative thinking tools you need to succeed in the industry. Through the integration of the knowledge, the university could produce an imaginative individual who wishes to harness computer programming as a tool for artistic, social or cultural change, or an enterprising person who seeks a more diverse technical skill set, Creative Computing can help you develop specific expertise that are in high demand across the digital sector today to full-fill the industrial need. The future direction of creative computing knowledge could be very interesting through more creative and innovative discoveries in the future.



Author,
Assoc. Prof. Ts. Dr. Nik Zulkarnaen Khidzir
Associate Professor
Department of Creative Technology and Design
Faculty of Creative Technology and Heritage
Universiti Malaysia Kelantan
Email : zulkarnaen.k@umk.edu.my
Phone : 0196822873