



ACADEMIC YEAR 2020-21(EVEN SEMESTER)

WEBINAR

On

“Workshop on Prototype/Process Design and Development-Prototyping ”

31.5.2021

REPORT

Institution’s Innovation Council (IIC) of Kings College of Engineering organized webinar on “Workshop on Prototype/Process Design and Development-Prototyping ” on 31.5.2021

Objective:

The main objective of this webinar is to provide ideas of Prototype and Process Design and innovations projects by Research fellow. It provides a platform for the Teaching Faculties and students to upgrade and know about the Innovation and product development. In addition, this programme will help to improve the student’s ability in carrying out simple innovation and to bring to product through professional discussions.

Resource persons:

31.05.2021: “Workshop on Prototype/Process Design and Development-Prototyping ” by
Dr.P.Narasimman AP/EEE, Kings College of Engineering

President:

Dr.J.Arputha vijaya selvi,Principal,KCE

Vice- President

Mr.R.Sundaramoorthi, Assistant Professor / EEE

Convener

Mr.R.Balakrishnan, Assistant Professor / ECE

Members

Mr.R.Shankar, Assistant Professor / MECH

Dr.K.Sudhakar, Assistant Professor / T&P

Mr.J.Niranjan J. Niranjan Samuel, JRF/R&D.

Quarter series-III

Programme Type: workshop

Promotion in social media: Facebook and Instagram

Inaugural Session:

Inaugural session was started through Google Meet(online) by 05.50 P.M presided over by Dr.J.ArputhaVijaya Selvi, President,Head of the Institution. The dignitaries during the online inaugural session were all the IIC Program Coordinators and IIC Members. The program was started with Welcome address delivered by G.Latchayasri, IIC Student Member and Introduction about IIC Quarter-II and Quarter-III Series was delivered by Mr.R.Sundaramoorthi, Assistant Professor/EEE.

Participants:

External : 140; Internal :45 Total :185

“Workshop on Prototype/Process Design and Development-Prototyping” by Dr.P.Narasimman AP/EEE, Kings College of Engineering

The session was started by 6.00 p.m. Introduction about the resource person was delivered by G.Latchayasri, IIC Student Member. During the session resource person has started from his research experience and different tools are used in Prototype design and process design in order to develop the prototype. He has broadly given the agenda such as Introduction about prototype; free software's available to develop a prototype, basic circuit designing, Tinker CAD software and applications etc. He clearly explained from basics of prototype through some practical examples such as LED TV and Refrigerator. In addition with, other practical examples were also given such as agriculture field and real world problem COVID-19 .He has given plenty of problems and solutions in order to get product through flowchart. Finally he has mentioned that general Instructions and guidelines to solve real world problems to convert prototype to product. The session was very informative and the participants have interacted with the resource person.

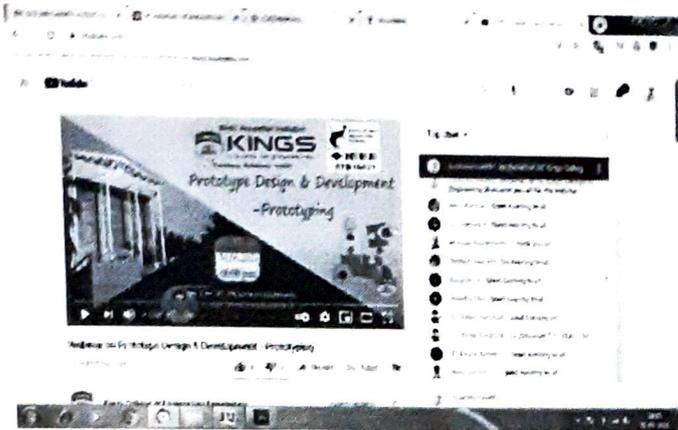
Benefits Interm of Learning/Skills/Knowledge obtained:

- All the participants have benefitted about product design.
- Webinar helped to initiate how to get developing Product.
- Portrays the accelerated learning curve for students in involving Product development
- It helps to gain new experiences, trains students brain to handle a wide range of Challenges, and keeps your neural pathways active.

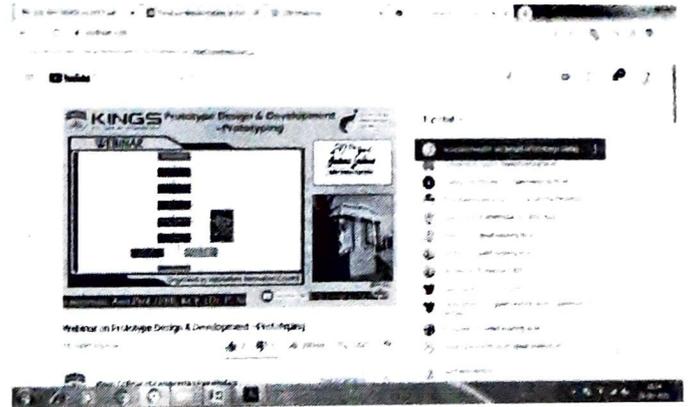
Valedictory Function:

The feedbacks from the participants were collected. Mr.R.Sundaramoorthi, Vice President, IIC delivered the vote of thanks.

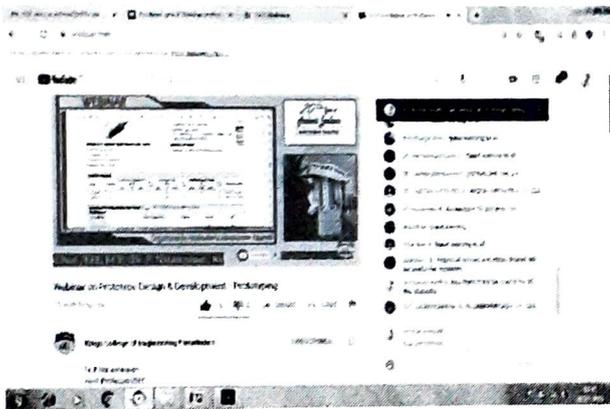
Event Photographs



Event Photograph-1



Event Photograph-2



Event Photograph-3



Event Photograph-4

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2/8/2021
Vice President-IIC& AP/EEE

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3/8/2021
President-IIC&Principal