

Permission Letter

From

Mr. SIVASANKAR RAJAMANI, P
Associate Professor,
Department of ECE,
K.S.R. College of Engineering,
Tiruchengode - 637 215

To

The Principal,
K.S.R. College of Engineering,
Tiruchengode - 637 215

Respected Sir,

Sub: Webinar on "Android APP for Arduino" - Permission requested - ~~Req.~~

The ECE department has planned to conduct a Free Webinar on "Android APP for Arduino" sponsored by Project Contest technologies on 17.10.2020 at 10.30 AM. We request you to grant permission to conduct the Webinar.

Thanking You



Yours sincerely
Sivasankar Rajamani

Resource Person:

Mr. Gopala Krishnan
Senior Project Engineer
Project contest Technologies
Salem

Place: Tiruchengode

Date: 15.10.2020



K.S.R COLLEGE OF ENGINEERING (Autonomous), TIRUCHENGODE-637215
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FREE WEBINAR ON "Android APP for Arduino"

18.10.2020

WEBINAR REPORT

Department of Electronics and Communication Engineering, K.S.R College of Engineering (Autonomous), Tiruchengode Organized a Webinar on "Android APP for Arduino" in association with Project Contest technologies on 17.10.2020 at 10.30 AM through Google meet link: <https://meet.google.com/erg-swdx-uzc>

The Webinar began with welcome address by Dr.P.S.Periasamy the Head of the Department, ECE. He introduced the resource person Mr. Gopala Krishnan Project trainer; Project contest technologies to deliver the lecture and welcomed all the participants.

Impact Analysis on Webinar

- The webinar was very useful to the Faculty members and students to learn about the fundamentals Android APP for Arduino. It was very useful for gaining knowledge regarding Arduino. Arduino is an open-source electronics platform based on easy-to-use hardware and software. Arduino boards are able to read inputs - light on a sensor, a finger on a button.
- This webinar helped the Faculty members and students to improve their knowledge on the field of different applications of Arduino Technology and the students may have the opportunity to participate in more workshops.
- The webinar has also motivated the students to do more projects using Android APP for Arduino. 42 participants were attended the webinar successfully.

Impacts on Programme Outcomes:

PO1-Engineering Knowledge:

This webinar provides basic engineering knowledge on Android APP the open-source Arduino Software (IDE) makes it easy to write code and upload it to the board. This software can be used with any Arduino board.

PO3 - Design/development of solutions:

Platform IO is one the most known Arduino IDE alternative. It is an integrated development environment for IoT. It supports not only Arduino boards but many other boards such as Raspberry, ESP32, ESP8266 and many others. The IDE supports all the features you would expect like code completion.

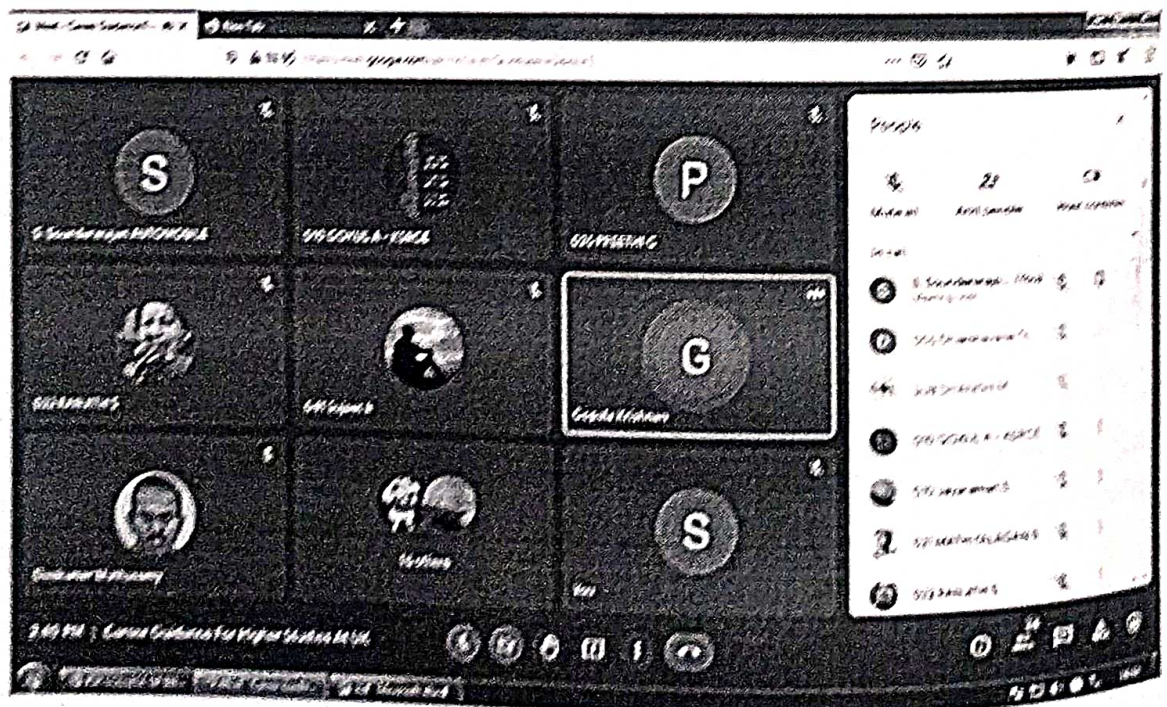
PO11-Project Management and finances:

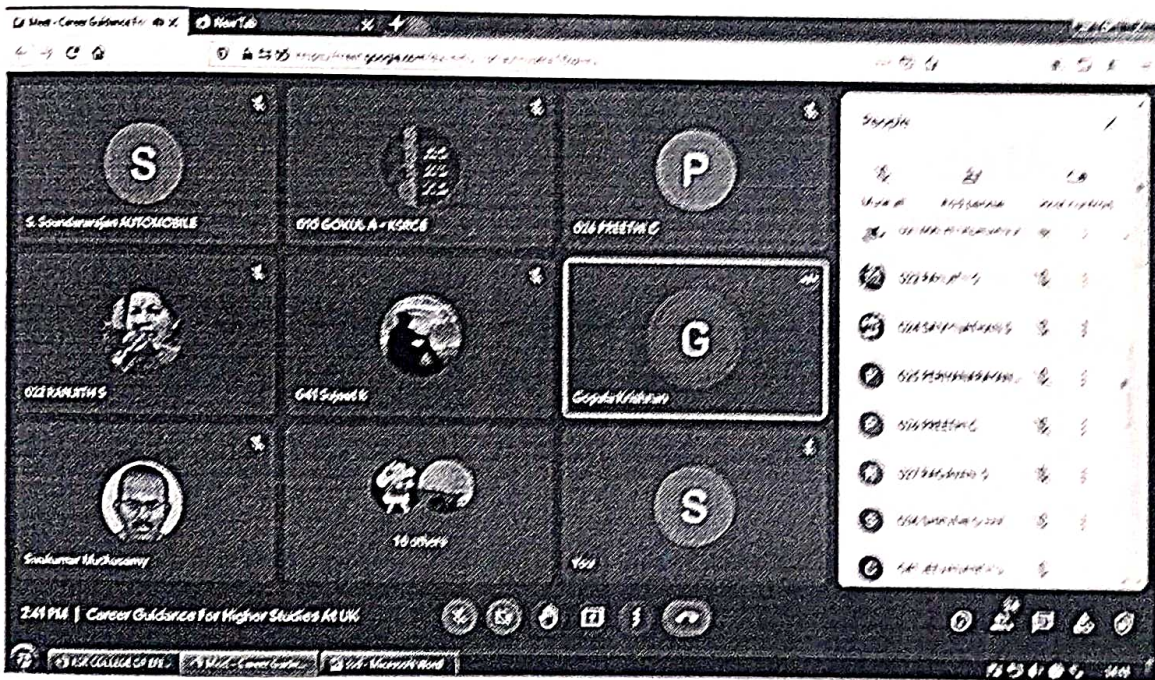
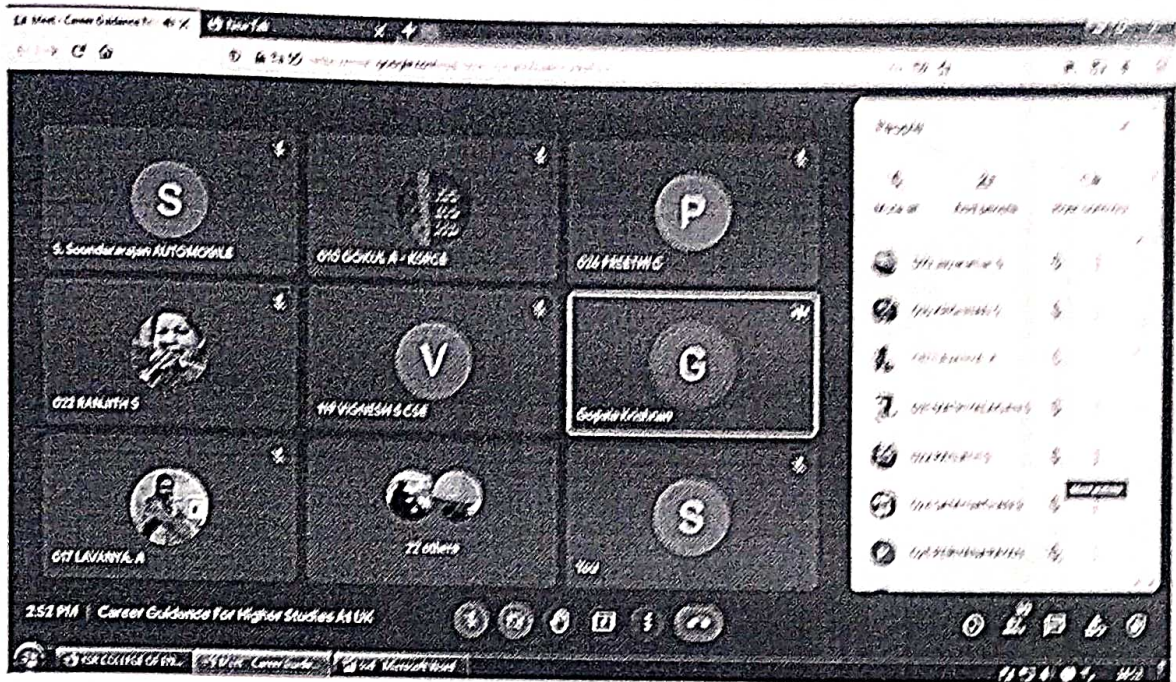
This webinar motivated many of the students to do project on it which will also provide various Automatic scheduling of devices based on the preferences set by the user through android application.

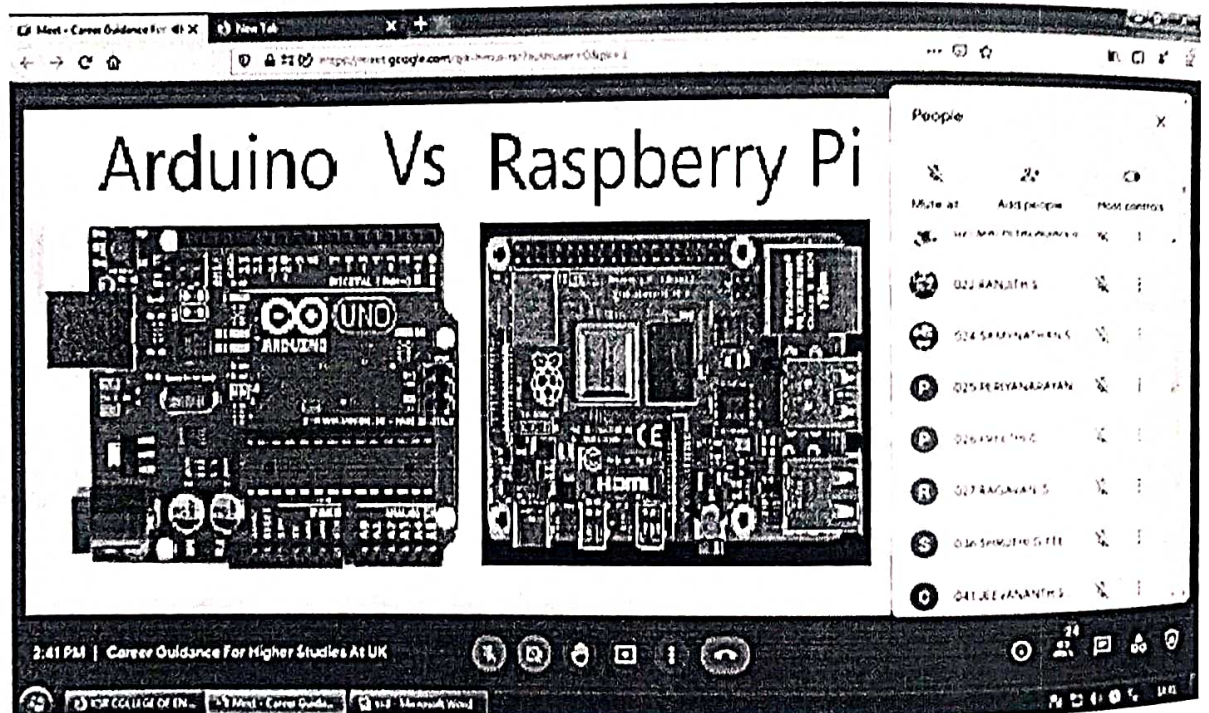
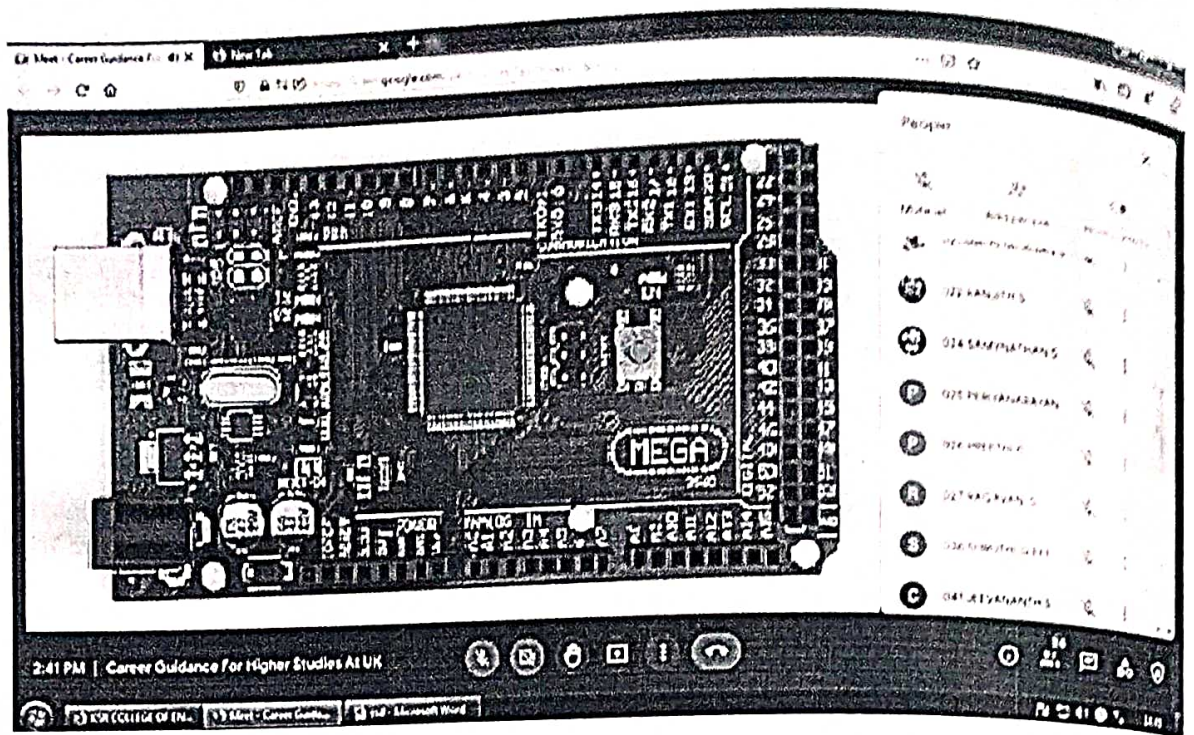
PO12-Life-long Learning:

This webinar provides information to Students who can learn how to create circuits, use resistors, and get introduced to build circuits, while building a series of cool projects and experiments. They can also code Arduino to start building smart devices that can sense their environment and respond accordingly. Entertainment with much higher performances and lower costs, hence helps life-long learning.

PPT OF THE PROGRAM








```

35 self.logger = logging.getLogger(__name__)
36
37 if path:
38     self.file = open(os.path.join(path, "fingerprints.txt"), "a")
39     self.file.write("\n")
40     self.fingerprints.add(fp)
41
42 @classmethod
43 def from_settings(cls, settings):
44     debug = settings.getboolean("DEBUG", False)
45     return cls(job_dir=settings.get("JOB_DIR", "job_dir"))
46
47 def request_seen(self, request):
48     fp = self.request_fingerprint(request)
49     if fp in self.fingerprints:
50         return True
51     self.fingerprints.add(fp)
52     if self.file:
53         self.file.write(fp + "\n")
54
55 def request_fingerprint(self, request):
56     return request_fingerprint(request)
57

```

People

Name	Avatar	Joined
O22 KATAPOTH S		
O24 SAMATHAN S		
O25 PERIYASAMY S		
O26 PREETHI C		
O27 KADAVAN S		
O28 SHIVAKUMAR S		
O29 LEEVANYAN S		

2:41 PM | Career Guidance For Higher Studies At UK



Sample certificate

[Signature]

[Dr. P.S.PERIASAMY]
HoD-ECE