GREEN COMPUTING SCOPE AND OPPORTUNITIES IN SUSTAINABLE DEVELOPMENT FOR SOFTWARE ENGINEERS

Event No	CS015
Organizing Department	Computer Science and Engineering
Associate Dept. | NSC	Office of Alumni Relations
Date	10/09/2022
Time	10:00 AM to 11:30 AM
Event Type	Alumni Activity
Event Level	Dept. Level
Venue	NMS Lab
Total Participants	56
Faculty - Internal	5
Students - Internal	51

Related SDG

Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Mr R Arun Pandian	ML Research Engineer	QpiCloud Technologies Pvt.Ltd	arunpandian.srk@gmail.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Yuvaraj N	Convenor
2	Suresh P	Coordinator

Outcome

The students can able to use of computers and other computing devices and equipment in energy-efficient and eco-friendly ways.

Event Summary

Green Computing: Green computing provide reusability of resources that are currently used by various technologies. Green computing is responsible for environmentally and eco-friendly use of computer and their resources. So it defines the study of engineering, manufacturing, designing and using disposing computing devices in such a way that help to reduce their impact on environment. This provides an idea about why we use green computing and their barriers in implementing green computing. Green computing sometimes also called Green Technology. In the green computing we use computer and its related other resources such as monitor, printer, hard disk, floppy disk, networking in very efficiently manner which has less impact on the environment. Green computing is about eco-friendly use of computer. Green computing is important for all type of system. It is important for handheld system to large scale data centre.
Why Green Computing?
In future, Green computing will very common to hear. Now a day's computer is very basic need of all humans. With the use of computer our life become very easier and also save our time and efforts but the use of computer also increase the power consumption and also generate a large amount of heat.
There are many points were discussed in the event and following are the significant points explained by resource person 1) Green computing technique **reduces the energy consumption which results into low carbon dioxide emission**. 2) By using green computing techniques we can also save money that was spent in extra usage of energy and resources. 3) Green computing also applies changing government policy to encourage recycling. This was the successful and very interactive session because students were interacted more with resource person and clear their doubts from the topic delivered. Also students interacted more regarding placements preparation activities and recruitment process.

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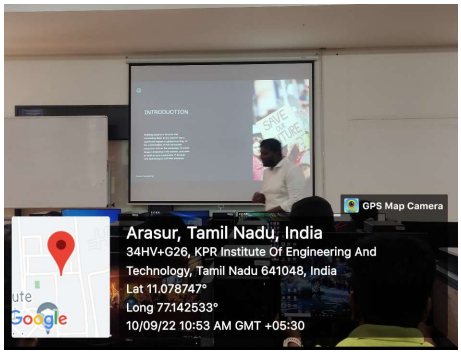

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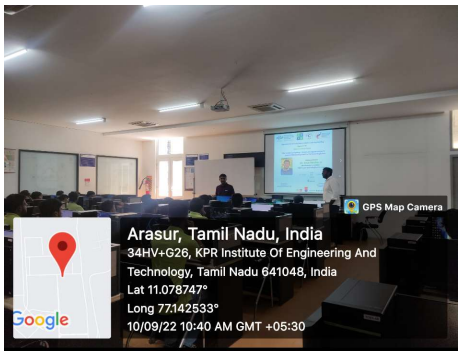

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