REPORT OF THE SEMINAR

B.S. Abdur Rahman

Crescent
Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956

SCHOOL OF COMPUTER, INFORMATION & MATHEMATICAL SCIENCES

One Day Seminar on

FUTURE OF CYBER SECURITY AND MACHINE LEARNING IN IT CAREER

Date : 17.02.2020
Venue: Main Auditorium, Convention Centre

Event report

Synopsis

Name of the event	:	Seminar on Future of Cyber Security and Machine Learning in IT Career
Date	:	17 Feb 2020
Venue	:	Main Auditorium, Convention Centre

Total number of participants attended the event: 400

Objective of the event

Cyber security or information technology security are the techniques of protecting computers, networks, programs and data from unauthorized access or attacks that are aimed for exploitation.

Machine learning is a field of study that applies the principles of computer science and statistics to create statistical models, which are used for future predictions (based on past data or Big Data) and identifying (discovering) patterns in data.

The main objective of the seminar is to motivate the students of our Institution to enrich their knowledge in Cyber Security & Machine Learning and help them to shape their career in IT.

SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

Date: 13.02.2020

CIRCULAR

School of Computer, Information and Mathematical Sciences is organizing a Seminar on **"Future of Cyber Security and Machine Learning in IT Career"** on 17.02.2020 at 1.40 pm in Main Auditorium, Convention Centre. The students of IT, CSE and CA can attend the seminar.

Mr. Manoj Kashyap, Certified Ethical Hacker & Technical Trainer, Star Certification will deliver a lecture on "Importance of Cyber Security & Ethical Hacking" and Dr. R. Dinesh Babu, Director, Brainswig will deliver a lecture on "Machine Learning using Python".

The objective of the seminar is to motivate the students of our Institution to enrich their knowledge in Cyber Security & Machine Learning and help them to shape their career in IT.

The seminar will be coordinated by Mr. N. Rajendran, Asst. Prof. (SG) / IT, Ms. C. Vijayalakshmi, Asst. Prof. (SG) / CSE and Dr. Sudha Rajesh, Asst. Prof. / CA.
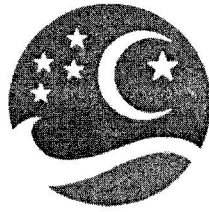
DEAN (SCIMS)

Copy To

HODs of IT, CSE and CA

To be read in all classrooms of IT, CSE & CA

In the Name of Allah, the Most Beneficent, the Most Merciful

B.S. Abdur Rahman
Crescent
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The Management, Faculty Members and Staff of

SCHOOL OF COMPUTER, INFORMATION & MATHEMATICAL SCIENCES

Cordially invite you to the

Seminar on

FUTURE OF CYBER SECURITY & MACHINE LEARNING
IN IT CAREER

on 17ᵗʰ February, 2020 at 01.40 p.m.

in the Main Auditorium, Convention Centre

Mr. R. MANOJ KASHYAP
Certified Ethical Hacker & Network Engineer, Star Certification
&
Mr. BIVIN JACOB
Global Manager, Star Certification

has kindly consented to deliver a lecture on

"Importance of Cyber Security & Ethical Hacking"

Dr. R. DINESH BABU
Director, Brainswig

has kindly consented to deliver a lecture on

"Machine Learning using Python"

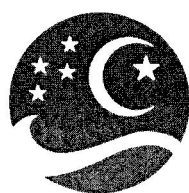## Dr. VENKATESAN SELVAM
Dean (SCIMS), BSACIST

Felicitates

Coordinators
Mr. N. Rajendran,, AP(SG) / IT
Ms. C. Vijayalakshmi, AP(SG) / CSE
Dr. Sudha Rajesh, AP / CA

Conveners
Dr. I. Sathik Ali, HOD/ IT
Dr. E. Syed Mohamed, HOD / CSE
Dr. Gufran Ahmed Ansari, HOD / CA

In the Name of Allah, the Most Beneficent, the Most Merciful

B.S. Abdur Rahman
Crescent
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SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

Organizes

Seminar on

FUTURE OF CYBER SECURITY AND MACHINE LEARNING IN IT CAREER

Date: 17-02-2020

Venue: Main Auditorium
Convention Centre

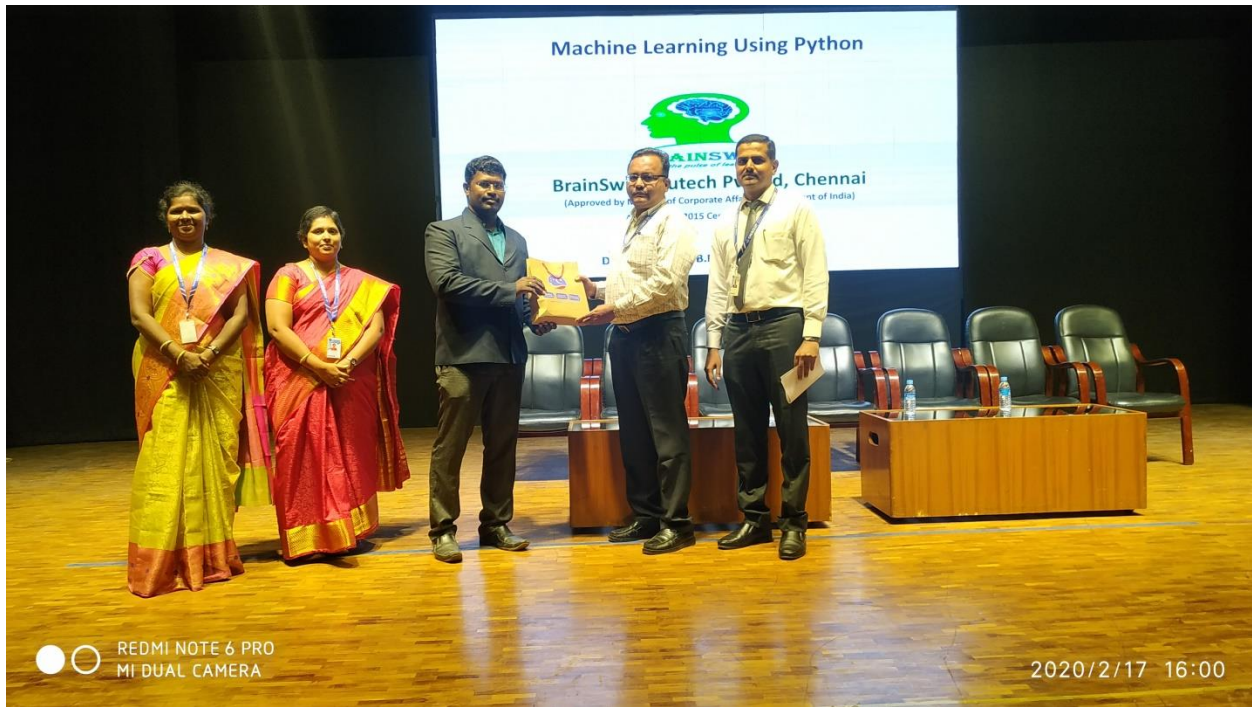| Programme Schedule		
1.45 pm – 1.47 pm	Quirath	Mr. M.N. Aslam
1.47 pm – 1.50 pm	Thamil Thai Vazhthu	
1.50 pm – 1.53 pm	Welcome Address	Dr. E. Syed Mohamed, HOD/ CSE
1.53 pm – 1.55 pm	Felicitation	Dr. Venkatesan Selvam Dean (SCIMS)
1.55 pm – 1.57 pm	Introduction about the Resource Person Mr. Manoj Kashyap, Star Certification	Ms. C. Vijayalakshmi, AP (SG)/ CSE
1.57 pm – 2..55 pm	Lecture on Future of Cyber Security & Ethical Hacking	Mr. Manoj Kashyap Certified Ethical Hacker & Technical Trainer, Star Certification
2.55 pm – 3.00 pm	Career Opportunities in Cyber Security & Ethical Hacking	Mr. Bivin Jacob Global Manager, Star Certification
3.00 pm – 3.02 pm	Introduction about the Resource Person Dr. Dinesh Babu, Director, Brainswig	Dr. Sudha Rajesh, AP/ CA
3.02 pm – 4.02 pm	Lecture on Machine Learning using Python	Dr. Dinesh Babu, Director, Brainswig
4.02 am – 4.05 pm	Vote of Thanks	Mr. N. Rajendran, AP (SG)/ IT

Event Photographs

Dr. Venkatesan Selvam, Dean (SCIMS) addressing the gathering

Dr. E. Syed Mohamed, HOD (CSE), Dr. Venkatesan Selvam, Dean (SCIMS), Dr. I. Sathik Ali, HOD (IT), Mr. Manoj Kashyap & Mr. Bivin Jacob and Mr. N. Rajendran (Coordinator) during Inauguration of the Seminar

Dr. S. Pakkir Mohideen honouring Dr. Dinesh babu with a memento

Experts from Star Certification with Dean (SCIMS) & Team

Activities during the Seminar

School of Computer, Information and Mathematical Sciences has organized a Seminar on **"Future of Cyber Security and Machine Learning in IT Career"** on 17.02.2020 at 1.40 pm in Main Auditorium, Convention Centre of B S Abdur Rahman Crescent Institute of Science and Technology. The second year students of the department of IT, CSE and CA have attended the seminar.

Dr. E. Syed Mohamed, Professor & Head, Dept of CSE welcomed the gathering and briefed about the seminar. Dr. Venkatesan Selvam, Dean (SCIMS) felicitated the gathering and highlighted the importance of Cyber Security and Machine Learning in IT career. Dr I.Sathik Ali, Prof & Head, Dept. of Information Technology, Dr Gufran Ahmed Ansari, Prof & Head, Dept. of Computer Applications were present in the seminar.

Following that Ms. C.Vijayalakshmi, AP(SG)/CSE introduced our chief guest Mr. R. Manoj Kashyap, Certified Ethical Hacker & Network Engineer, Star Certification and Mr. Bivin Jacob, the Global Manager, Star Certification who insisted on the "Importance of Cyber Security & Ethical Hacking". The guests were honoured with memento and were welcomed with gratitude.

Mr Manoj Kashyap and Mr Bivin Jacob gave an amazing presentation supported by the wonderful live demo where they instantly demonstrated some of the basic hacking techniques based on concepts of varying the frequency band and made everyone present over there to develop interest in hacking. Some of which included changing the frequency and blocking FM, cracking passwords and usernames with the use of a self-created USB, cracking wi-fi passwords and remotely taking complete control over a device. Mr Manoj Kashyap also shared how he started his career and the story of his first invention.

The session was really interactive and involved volunteering students to actively participate on stage. They also initiated a question and answer session where the students who shot the accurate answers were recognized and awarded. A brief information about the courses they offer were also discussed and everyone who participated in the workshop was felicitated.

After the speech was over, Dr Sudha Rajesh, Assistant Professor/ CA was invited to proceed with the introduction of the second resource person of the event, Dr. Dinesh Babu, Director, Brainswig. She was explaining about his achievements and literary accomplishments, the students were very excitedly looking forward to his speech on the topic "Machine Learning using Python". Dr. Dinesh Babu showed two videos where the students could easily see and understand the implementation of

machine learning in the giant Google. The video also depicted how Google Assistant works behind the scenes. The students enjoyed that a lot. There was a huge round of applause for Dr. Dinesh Babu as he finished his presentation.

Mr. N. Rajendran, AP(SG)/IT was invited to present the vote of thanks to all the dignitaries present and our students participated in the event.
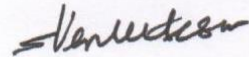
Around 400 students from the School of Computer, Information and Mathematical Sciences of our Institution participated in the seminar. They gave positive feedback about the seminar and showed their interest in getting further exposure in Cyber Security and Machine Learning.

Outcome of the Seminar

The outcomes of the seminar are as follows:

- Students were able to know the importance of Cyber Security when handling their digital assets.
- They were able to understand the role of Machine Learning in IT career.

This seminar was coordinated by Mr. N. Rajendran, Assistant Professor (SG)/ IT, Ms. C. Vijayalakshmi, Assistant Professor (SG) / CSE and Dr. Sudha Rajesh, Assistant Professor / CA.

DEAN
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