



SRI VENKATESWARA COLLEGE OF ENGINEERING
THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

Grab an opportunity to witness a fascinating webinar on
EVOLUTION OF COMPUTING AND SKILL SETS FOR THE FUTURE

by

Mr. MALLIK MAHALINGAM

Vice President/Fellow at Intuit, California
Founder/CTO/CEO - Springpath (CISCO)



Get to know more about fragments
of evolution over 30 years and
experience a touch upon
critical skill sets!!!



Saturday
17th October 2020



10:30 am to 11:30 am IST



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REPORT ON WEBINAR

“EVOLUTION OF COMPUTING AND SKILL SETS FOR FUTURE”

The webinar was organized by the IETE student forum of **Sri Venkateswara College of Engineering**. The technical talk was delivered by Mr.Mallik Mahalingam,CEO, Springpath (CISCO) on 16/10/2020 from 10:30 AM to 12:00 AM (Saturday). 75+ participants actively participated in the webinar.

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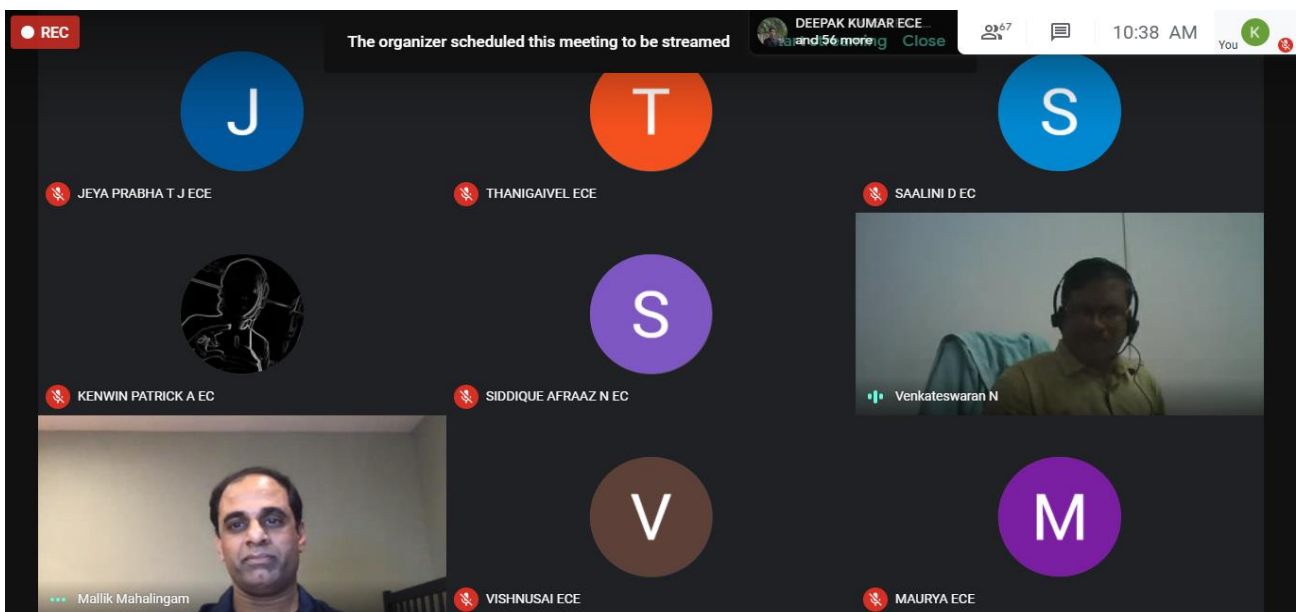
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FLYER OF WEBINAR “EVOLUTION OF COMPUTING AND SKILL SETS FOR FUTURE”

Mr.Mallik Mahalingam is a distinguished alumni who graduated from SVCE in the year 1991. He is the Vice President and Fellow at Intuit, California. He is the currently the CEO of Springpath

(CISCO). He is a proud recipient of Best Student Award from then Governor of Tamil Nadu in 1991. He is an accomplished engineer and a successful entrepreneur. He holds 80+ US Patents and has published technical papers in leading conferences and journals. He started his career as a Research Engineer at IIT Kanpur and software engineer at HCL-HP. His technical expertise and eagerness to learn and research, led him to work with industry giants like Intel, Hewlett-Packard (HP) Enterprises and VMware. His passion for excellence and innovative mind, led him venture a start-up company called Springpath which is a leader in the hyperconvergence software, and led its eventual acquisition by Network Giant, CISCO in 2017.

Mr.Thanigaivel,Honorary Treasurer IETE-SF delivered the welcome address. Dr.N.Venkateswaran, Chairman, IETE Chennai centre welcomed the speaker and the participants. The webinar was anchored by Ms.D.Saalini,Executive member IETE-SF.



The session progressed with the expert talk by Mr.Mallik Mahalingam. He gave a detailed outlook on evolution of computing and the skill sets required for future.

Some of the key points discussed in webinar were:

The Speaker commenced with the evolution of hardware and operating software. He explained about the cloud systems and types. We got a clearer insight on the backend of software as a service. He also explained the differences between infrastructure, platform and software as services. He went on and detailed us with the applications of software as a service (SaaS). The speaker talked about the standards and the companies involved in using SaaS applications. He spoke about the web services provided by Amazon using software as a service. The speaker

proceeded to talk about the various skill sets such as the software life cycle, languages in predominant use in the future and understanding systems such as database and data structures. He filled us in with all the opportunities we can provide ourselves to become a better professional.

The screenshot shows a Zoom meeting interface. The main content is a slide titled "Evolution of HW/Servers" which features a timeline diagram. The diagram starts with "Terminal Access to Mainframe Applications" and "IBM Mainframe - 70s Terminals" in the 70s, moving through "Multiple Distributed Servers" (80s/90s - SUN Solaris, HP UX, SGI Origin), "Large Individual Servers" (2000 - IBM x-series, p-series), "Multiple Distributed Servers" (2000 - X86 - Dell/HP/IBM Blade Servers), "High-density Server Farms" (2000 - VMware, MSFT), and finally "Virtualized and Software-Defined Everything" (2000 - VMware, MSFT). Other stages include "Desktop Applications", "Client-Server Applications", "Internet Web Site Hosting", "Internet Applications", and "Cloud-Enabled Applications".

On the right side of the Zoom window, a list of participants is visible, including: SAALINI D ECE, Vasanth V, VISHNUSAI ECE, MENAKA D ECE, JEYA PRABHA T J..., THANIGAIVEL ECE, KENWIN PATRICK..., and SIDDIQUE AFRAAZ N ECE.

The screenshot shows a Zoom meeting interface. The main content is a slide titled "Evolution of OS". On the left, there is a list of bullet points:

- **Ritchie and Thompson** had the most profound impact when it comes to Programming Language and OS
- **UNIX** is the starting point for many variants
 - SVR4
 - Solaris (Late)
 - HP-UX
 - BSD
 - Solaris (Early)
 - Mac OS
- Linux (by Linus)
 - Powers most of the cloud today
- Windows
 - **Cutler/VMS** (DEC)

The central part of the slide is a flowchart showing the lineage of operating systems. It starts with "Unix" leading to "1988- POSIX- Portable OS Standard developed for common architecture". From POSIX, it branches into "Linux" (which leads to "GNU, glibc, Linux kernel" and then "Linux kernel") and "Microsoft-DOS". The Linux path further branches into "Android", "Samsung Galaxy, Huawei, 2014", "Debian Linux distribution", "Ubuntu", "Fedora", "CentOS", and "RHEL". The Microsoft-DOS path leads to "Microsoft-DOS", "Microsoft Windows NT", "Windows 2000", "Windows XP", "Microsoft Windows 10", and "Windows Mobile". Other nodes include "Free BSD", "Darwin", "Mac OS", and "iOS, watchOS, tvOS, iPadOS".

On the right side of the Zoom window, a list of participants is visible, including: SAALINI D ECE, JEYA PRABHA T J..., THANIGAIVEL ECE, KENWIN PATRICK..., VISHNUSAI ECE, SIDDIQUE AFRAAZ..., Vasanth V, and MENAKA D ECE.

SESSION BY Mr.MALLIK MAHALINGAM (SPEAKER)

The session was very interactive and informative. The chief guest speaker was also keen on the “Q&A” session and answered the active queries put forth by the participants. The organizing team was also praised by the Chief Guest speaker for planning and executing the webinar.

Ms.T.J.Jeyaprabha,SVCE-ISF Coordinator introduced the newly elected office bearers. The session concluded with a Vote of Thanks by Mr.Maurya, Chairman, ISF SVCE.

Participant Details:

Total Number of Participants: 75+

There was an active and an enthusiastic participation of students from different departments of the college.

SVCE-ISF team comprising of

Chief Patron- Dr.S.Ganesh Vaidyanathan,Principal, SVCE,

Convener- Dr.S.Muthukumar, Professor, HOD, ECE,

SVCE-ISF coordinator-Ms.T.J.Jeyaprabha,

SVCE-ISF coordinator-Ms.D.Menaka,

Chairman-Mr.Maurya Vijayaramachandran,(IV Year ECE),

Honorary Secretary-Mr.R.Vishnusai(III Year ECE),

Honorary Treasurer-Mr.M.Thanigaivel(III Year ECE),

SVCE-ISF Executive Members:

Mr.B.Akilesh Kumar (II Year ECE),

Mr.A.Kenwin Patrick (II Year ECE),

Mr.N.Siddique Afraaz (II Year ECE),

Ms.B.Amrita Josna (II Year ECE),

Ms.S.Krishnapriya (II Year ECE),

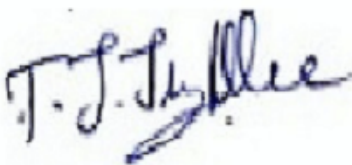
Ms.D.Saalini (II Year ECE)

synchronized well in communicating the significance of the webinar to the SVCE student fraternity and coordinated for the successful execution of the event.

REPORT BY:

KRISHNAPRIYA S,

(II YEAR, Executive member ISF SVCE)



Co-ordinator



Head of the Department
Electronics and Communication Engineering
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| 3 | 170701007 | Afridha M | ECE |
| 4 | 170701008 | Agela M | ECE |
| 5 | 170701010 | Ajgith Krishnan | ECE |
| 6 | 170701012 | AKSHAYA C. R | ECE |
| 7 | 170701016 | Anirudh Balaji | ECE |
| 8 | 170701017 | Anusmrthi J | ECE |
| 9 | 170701018 | Anvita Ashokkumar | ECE |
| 10 | 170701023 | Balaji M | ECE |
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| 12 | 170701026 | Bhuvaneshwari Chandrasekaran | ECE |
| 13 | 170701028 | DEEPAN R | ECE |
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| 15 | 170701030 | Dharmasurya A | ECE |
| 16 | 170701031 | Dhinesh Thyagarajan | ECE |
| 17 | 170701032 | DHYANESHWARAN N V | ECE |
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| 19 | 170701038 | S Gopalakrishnan Sundaramurthy | ECE |
| 20 | 170701040 | GUNDU PRAKASHAM Haranraj | ECE |
| 21 | 170701042 | Harini Sivakumar | ECE |
| 22 | 170701043 | Harish Damodharan | ECE |
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| 24 | 170701047 | JAGADEESHWARI S | ECE |
| 25 | 170701048 | Jailesh Perumal S | ECE |
| 26 | 170701049 | Jayanth Subramanian Saravanan | ECE |
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| 28 | 170701055 | KAMALI N | ECE |
| 29 | 170701056 | Kamesh V | ECE |
| 30 | 170701058 | Kavwin Kailash N | ECE |
| 31 | 170701059 | Kavya E | ECE |
| 32 | 170701060 | KEERTHANA LAKSHMI KESAVAN | ECE |
| 33 | 170701061 | Keerthana Ramesh sankar | ECE |
| 34 | 170701062 | Keerthi Raj Dillibabu | ECE |
| 35 | 170701063 | Keshav E | ECE |
| 36 | 170701064 | Keslin M | ECE |
| 37 | 170701068 | Kiruthiga B | ECE |
| 38 | 170701069 | Kishore Kumar | ECE |
| 39 | 170701070 | Krishkumar S | ECE |
| 40 | 170701072 | Lakshmi Narayanan.R | ECE |
| 41 | 170701073 | LOGESHWARAN M | ECE |
| 42 | 170701074 | Lokesh S | ECE |
| 43 | 170701075 | Madhumitha S | ECE |
| 44 | 170701078 | MARY SHARON | ECE |
| 45 | 170701084 | Narendiran Arumugam | ECE |
| 46 | 170701086 | NELAKANTI SAI MOUNIKA | ECE |

| | | | |
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| 47 | 170701089 | Nimmagadda V S A Bhargava Abhiram | ECE |
| 48 | 170701091 | Nisha Sunny | ECE |
| 49 | 170701093 | Nitish K | ECE |
| 50 | 170701096 | Prakash Chellapandian | ECE |
| 51 | 170701099 | Preetha G | ECE |
| 52 | 170701101 | Prem Raj S | ECE |
| 53 | 170701102 | Pritam A | ECE |
| 54 | 170701103 | Ragavi Annamalai | ECE |
| 55 | 170701104 | Rahil H Sakariya | ECE |
| 56 | 170701105 | Rahil Jain | ECE |
| 57 | 170701108 | Raksha P.k. | ECE |
| 58 | 170701111 | RISHIKESH S | ECE |
| 59 | 170701113 | Saagar M | ECE |
| 60 | 170701114 | Saai Ghanesh P | ECE |
| 61 | 170701117 | Sai Harshith k | ECE |
| 62 | 170701118 | Sairam K | ECE |
| 63 | 170701122 | Santhosh S | ECE |
| 64 | 170701125 | Saranya Krishnamurthy | ECE |
| 65 | 170701126 | Shalini A J | ECE |
| 66 | 170701129 | Shivani R | ECE |
| 67 | 170701131 | Shruti Sharada S | ECE |
| 68 | 170701133 | SIVA AYTHIKA.A | ECE |
| 69 | 170701135 | subhashree p s | ECE |
| 70 | 170701137 | SUDHARSHAN HARIHARAN | ECE |
| 71 | 170701138 | Surya Narayanan | ECE |
| 72 | 170701140 | Swaathi C | ECE |
| 73 | 170701141 | Varun Tadimetri | ECE |
| 74 | 170701142 | Tarun B | ECE |
| 75 | 170701143 | Tarun Haris S | ECE |
| 76 | 170701145 | Thahib Zaman S | ECE |
| 77 | 170701146 | Tharik Riswan M | ECE |
| 78 | 170701148 | Thilak Praveen L | ECE |
| 79 | 170701149 | THIRUMURUGAN E | ECE |
| 80 | 170701151 | Venkatanarayanan Narayanan | ECE |

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