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(Ministry of Education Institute)



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ALUMNI ASSOCIATION



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DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

ALUMNI ASSOCIATION PRESENTS

Workshop on

ENGINEERING IN RETAIL INDUSTRY



20 /02/ 2024



11:00 AM

VENUE: VIDEO HALL
NANDA KUMAR BASKARAN
SOFTWARE DEVELOPMENT
ENGINEER (WALMART)
2017 batch alumnus

COORDINATORS
DR. D.MENAKA ,ASP,ECE
Ms.S.KALYANI,AP,ECE





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Event Report: Expert Talk on "Engineering in Retail Industries"

Organizer: ECE Department Alumni Association

Date: 20/02/2024

Venue: Video Hall

Objective:

The expert talk aimed to provide second-year students with insights into the Role of engineering in the retail industry, specifically focusing on various technological advancements and job opportunities available in this sector.

Key Speaker:

The guest speaker for the event was Mr Nanda kumar Baskaran, a former student of Sri Venkateswara College Of Engineering[ECE] who is currently working as a Software Development Engineer at Walmart Global Tech.

Event Overview:

The talk commenced with an introduction by the guest speaker, where he shared his personal journey from college placement to his current position at Walmart. He highlighted the diverse range of job opportunities available in the IT sector, including finance, banking, healthcare, retail, entertainment, media, transport, and logistics.

Main Topics Covered: Impact of Engineering in Retail Industry:

- The speaker delved into various aspects of engineering in the retail sector, including:
- E-commerce Platforms
- Supply Chain Optimization
- Point of Sale (POS) Systems
- Customer Experience Enhancement
- Data Analytics and Business Intelligence
- AI & Smart Store Technologies
- Mobile Applications

Robotics in Retail:



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The speaker showcased how robotics is revolutionizing retail operations, focusing on cleaning and stock management tasks. He proposed the integration of functionalities into a single robot to streamline processes efficiently.

Further, he elaborated on the advancements in robotics technology, such as autonomous navigation, object detection, and machine learning algorithms, enabling robots to perform complex tasks with precision and reliability.

Indoor Positioning Systems:

The talk highlighted the challenges of navigating large retail stores and introduced indoor positioning systems using technologies like WiFi and Bluetooth to enhance the shopping experience.

The speaker discussed how these systems enable real-time location tracking of customers and assets within the store, facilitating personalized marketing, efficient inventory management, and optimized store layouts.

AR/VR Technologies:

The speaker concluded by discussing the role of augmented reality (AR) and virtual reality (VR) technologies in reshaping the retail industry, offering immersive experiences to customers. He provided examples of how AR applications allow customers to visualize products in their real-world environment before making a purchase decision, enhancing engagement and reducing returns.

Additionally, he explained how VR technologies are used for virtual store tours, employee training, and interactive product demonstrations, creating unique and memorable shopping experiences.

Conclusion:

The expert talk provided valuable insights into the intersection of engineering and the retail industry, emphasizing the importance of technology-driven solutions in enhancing operational efficiency and customer satisfaction. The speaker's practical examples and real-world experiences enriched the learning experience for the attendees.

S. P. Kulkarni

(Coordinator)

(Signature)

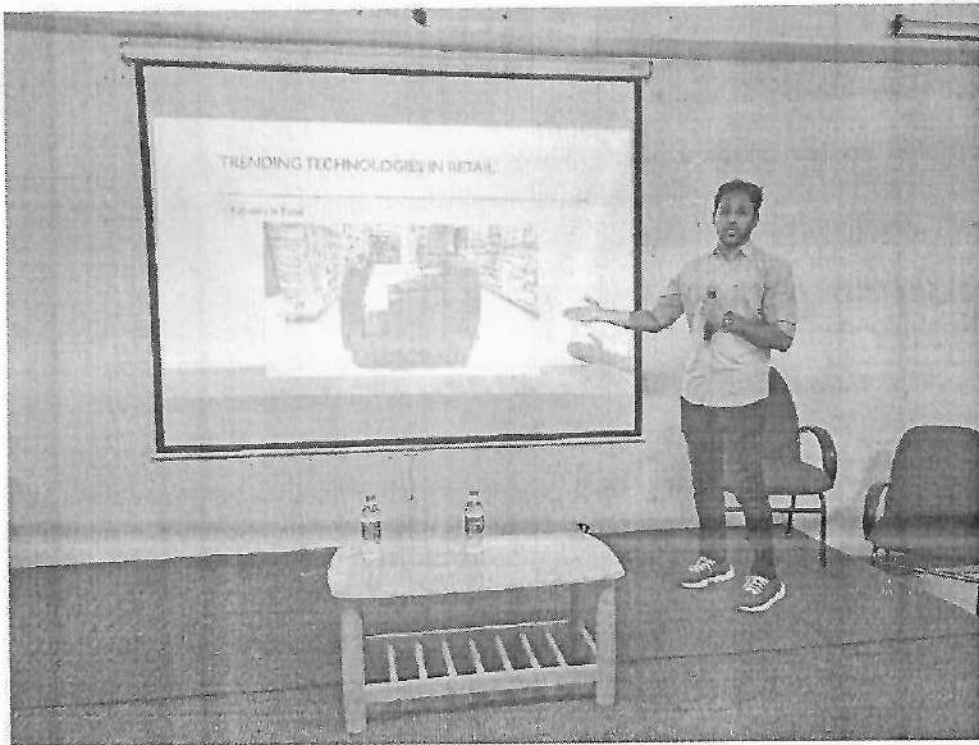
DR. G. A. Sathish Kumar
HOD / ECE



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Kanchipuram, Tamil Nadu, India
XXPC+WQF, Kanchipuram, Tamil Nadu 602105, India
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Long 79.972105°
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Guest lecture on "Engineering in Retail Industry" on 20th February 2024
Attendance details

REG NO	NAME	SIGNATURE
2127220701001	AARTHIKANNAN K	Aarthikannan
2127220701002	ABEESH J P	
2127220701003	ABHYANA S	Abhyana
2127220701004	ADARSH SREERAM	Adarsh
2127220701005	ADITYA VARDAN RS	Aditya
2127220701006	AGNES ROSE V	Agnes
2127220701007	AJAY B	Ajay
2127220701008	AJITHKUMAR A	
2127220701009	AKASH VELAN R	Akash
2127220701010	AKSHAY G	Akshay
2127220701011	AMRUTHA B	Amrutha
2127220701012	ANAND GANESH K	Anand
2127220701013	ANANDA SURESH R	Ananda
2127220701014	ANJANA SURESH	Anjana
2127220701015	ARIVARASU R	Arivarasu
2127220701016	ARJUN U	Arjun
2127220701017	ARUTSIVAMANI V	Arutsivamani
2127220701018	ASHWIN A	Ashwin
2127220701019	ASHWIN R	Ashwin
2127220701020	ASWANTHNAMBI S	Aswanthnambi
2127220701021	ASWIN KUMAR K	Aswin
2127220701022	BALASARASWATHY B	Balasaraswathy
2127220701023	BAVITHRA B	Bavithra
2127220701024	BHAGATH SINGH	Bhagath
2127220701025	BHUVANESH S	Bhuvanesh
2127220701026	BRINDHA L	Brindha
2127220701027	CHANDRIKA V	Chandrika
2127220701028	DARSAN CHELVAA S	Darsan
2127220701029	DEEPA A	Deepta
2127220701030	DEEPA S	Deepta
2127220701031	DEEPIKASHRI S	Deepika
2127220701032	DEV DARSHAN S	Dev Darshan
2127220701033	DHANESHWARAN B	Dhaneshwaran
2127220701034	DHANUSUYA R	Dhanusuya
2127220701035	DHANVANTHAKUMAR T S	Dhanvanti
2127220701036	DHARANI R	Dharani

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Memento for Guest Lecture on Engineering in Retail Industry - 20/02/24



INVOICE

Invoice No.	D 23-24/259
Invoice Date :	19.02.2024
GSTIN No.	33FTHPS6404P1Z2
PAN No.	FTHPS6404P

To Sathish Kumar (ECE HOD) Pennalur, Siperumbudur, Tamilnadu - 602117.	PARTY GSTIN No.:	
	Contact No.:	
	Purchase order No:	
	Purchase order Date:	

S.No	Particulars	Qty	Rate	Amount
1.	Memento Portrait	1 No	950.00	950.00

HSN/SAC	49111010	TOTAL	950.00
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Rupees in Words : One Thousand one Hundred and Twenty one only.	CGST 0%	85.4
	SGST 9%	85.4
	Transport Charges	

	Total Amount (Rounded)	1121.00
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BANK : INDIAN OVERSEAS BANK
BRANCH : KOTTURPURAM
ACCOUNT NO : 281902000000156
IFSC CODE : IOBA0002819

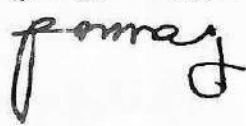


Issued on 22/4/24

12. A write-up on how to use various features on the Standardisation Portal and our website is enclosed.

13. For any further information or clarification, you may reach out to the BIS Nodal Officer. The details of the BIS Nodal officer(s) with their contact details are also enclosed.

With regards,


(Pramod Kumar Tiwari)

Encl: As above



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SECRET

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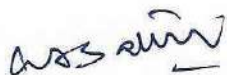


SRI VENKATESWARA COLLEGE OF ENGINEERING
FEEDBACK FROM THE SPEAKER - GUEST LECTURE

DEPARTMENT : ECE

Name of the Speaker	: B. Nanda Kumar
Designation	: Software Development Engineer
Institution/University/Organisation	: Walmart
Mobile / E-mail	: 9791136568 / nandakumar.dev95@gmail.com
Title of the Lecture	: Engineering in Retail Industry
Date	: 20/2/2024
Time	: 11:30 AM
Venue	: Video Hall
Comments by the Speaker	: Useful session both on career perspective as well as trending technologies in IT industry.
Suggestions for improvement	: Students could be more interactive
Signature of the Speaker	: B. Nanda Kumar


Signature of Coordinator


Signature of HOD



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Guest lecture on "Engineering in Retail Industry" on 20th February 2024

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2127220701005	ADITYA VARDAN RS	Aditya Vardan RS
2127220701006	AGNES ROSE V	Agnes Rose V
2127220701007	AJAY B	Ajay B
2127220701008	AJITHKUMAR A	
2127220701009	AKASH VELAN R	R. Akash
2127220701010	AKSHAY G	G. Akshay
2127220701011	AMRUTHAA B	Amrutha B
2127220701012	ANAND GANESH K	K. A.
2127220701013	ANANDA SURESH R	Ananda Suresh R
2127220701014	ANJANA SURESH	Anjana Suresh
2127220701015	ARIVARASU R	A. R.
2127220701016	ARJUN U	Arjun U
2127220701017	ARUTSIVAMANI V	Arutsivamani V
2127220701018	ASHWIN A	A. Ashwin
2127220701019	ASHWIN R	Ashwin R
2127220701020	ASWANTHNAMBI S	S. Aswanthnambi
2127220701021	ASWIN KUMAR K	K. Aswin Kumar
2127220701022	BALASARASWATHY B	B. Balasaraswathy
2127220701023	BAVITHRA B	B. Bavithra
2127220701024	BHAGATH SINGH	Bhagath Singh
2127220701025	BHUVANESH S	Bhuvanesh S
2127220701304	BRINDHA L	Brindha L
2127220701026	CHANDRIKA V	V. Chandrika
2127220701027	DARSAN CHELVAA S	S. Darsan
2127220701028	DEEPA A	A. Deepa
2127220701029	DEEPA S	S. Deepa
2127220701030	DEEPIKASHRI S	S. Deepika
2127220701031	DEV DARSHAN S	Dev Darshan S
2127220701305	DHANESHWARAN B	B. Dhaneswaran
2127220701032	DHANUSUYA R	R. Dhanyuya
2127220701033	DHANVANTHAKUMAR T S	T. S. Dhanyanthakumar
2127220701034	DHARANI R	R. Dharaani

2127220701035	DHARSHAN KUMAR R	Dharsh
2127220701036	DHARUN VENKATESH	Dharun
2127220701037	DHIVYA N	U.S. Divya
2127220701038	DINESH KUMAR M	Dinesh
2127220701039	DIVITH PRANAV K	Divith
2127220701040	ENIEYA BHARATHY C	C. Anitha
2127220701041	GAYATHRI A	A. Gayathri
2127220701042	GOWSIKA K	K. Gowrika
2127220701306	GUNALAN M	
2127220701043	HARESH KRISHNA G S	Hareesh Krishna
2127220701044	HARI KISOR T K L	Hari Kisor
2127220701045	HARIESH KUMARAN K	Hariesh
2127220701046	HARIKRISHNAN T M	Hari Krishnan
2127220701047	HARINEE V T	
2127220701048	HARINI L	Harini
2127220701049	HARIPRIYA D	D. Haripriya
2127220701050	HARISH BHARATHI A	A. Harish Bharathi
2127220701051	HARISH KANNAN D	D. Harish Kannan
2127220701052	HARISH KUMAR V	V. Harish Kumar
2127220701053	HEMANTH KALAIYAPPAN	Hemant
2127220701054	HEMASRI S	S. Hemasri
2127220701055	HIRTHIK RAJ R	
2127220701056	JAKYIM JONAN F	Jakym Jonan F
2127220701057	JANANE S B	B. Janane S
2127220701058	JASON DENNIS S	S. Jason Dennis
2127220701501	JEFRIN A	A. Jefrin
2127220701059	JESWIN SWINTON J	J. Jeswin Swinton
2127220701060	JOTHI MEENA M	M. Jothi Meena
2127220701061	KANISHKAMATHI S	S. Kanishkamathi
2127220701062	KARTHICK RAJA P	P. Karthick Raja
2127220701063	KARTHIK BM	
2127220701064	KARTHIK R	R. Karthik
2127220701065	KARUNYA R	R. Karunya
2127220701066	KAVINKUMAR V	V. Kavinkumar
2127220701067	KAVYA S	S. Kavya
2127220701067	KAVYA S	
2127220701068	Kerthi R	R. Kerthi
2127220701069	KIRUTHIKA V	V. Kiruthika
2127220701070	KISHORE S	S. Kishore
2127220701071	KRISHNARAJ K R	R. Krishnaraj K
2127220701072	KRITTIKA R	R. Kritika

2127220701073	KRTIN SRINIVAS GANESH	<i>Krtin Srinivas</i>
2127220701074	LAKSIYA A	<i>Laksiya</i>
2127220701075	LALITH KUMAR R	<i>Lalith</i>
2127220701076	LAVANYA V	
2127220701077	LEENA.K	<i>Leena</i>
2127220701078	LITHICK BHAVAN S	<i>Lithick</i>
2127220701079	LOGESH P	<i>Logesh</i>
2127220701080	MADHUSUDHANAN K	<i>Madhusudhanan</i>
2127220701081	MAHALAKSHMI M	
2127220701082	MANASAVARSHINISREE R S	<i>R.S. Manasa</i>
2127220701083	MANICKAM M	<i>Manickam</i>
2127220701084	MANIKANDAN S	<i>Manikandan</i>
2127220701085	MANOJ KUMAR K	
2127220701086	MANOJKUMAR A	
2127220701087	MANOJKUMAR G	<i>Manojkumar</i>
2127220701088	MESHAVARSHA S	<i>Meshavarsha</i>
2127220701089	MOHAMED MARSUK M	<i>Mohamed</i>
2127220701090	MOHAMMED KAREEMULLAH P S	<i>Mohammed</i>
2127220701091	MOHAMMED RAEEF	<i>Mohammed</i>
2127220701092	MUHAMMED ASLAM H	<i>Muhammed</i>
2127220701093	NANDHITHA B	<i>Nandhitha</i>
2127220701094	NETHRASHREE V	
2127220701095	NIDHARSHANA A	<i>Nidharshana</i>
2127220701096	NIRANJANE S M	<i>Niranjane</i>
2127220701097	NISHANTH D	<i>Nishanth</i>
2127220701098	NITHISH V V	<i>Nithish</i>
2127220701099	PADMAPRIYA P	<i>Padmapriya</i>
2127220701100	PAVINA R	<i>Pavina</i>
2127220701101	PAVITHRA V	<i>Pavithra</i>
2127220701102	PRABAKARAN R	<i>Prabakaran</i>
2127220701103	PRAPANCHAN R	<i>Prapanchan</i>
2127220701104	PRASANTH G	<i>Prasanth</i>
2127220701105	PREITHIESKUMAR M R	<i>Preithieskumar</i>
2127220701106	PRITHVI RAJ S	
2127220701107	PRITHVIN P	<i>Prithvin</i>
2127220701108	PRIYANKA T	<i>Priyanka</i>
2127220701109	RAGUL R	<i>Ragul</i>
2127220701110	RAJIV NATRAJ S	
2127220701111	RAJKUMAR S	<i>Rajkumar</i>
2127220701112	RAMANATHAN M	
2127220701113	RENUKA DEVI T	<i>Renuka</i>
2127220701114	ROHITH S	<i>Rohith</i>
2127220701301	<i>Abulmoghiverman</i>	<i>Abulmoghiverman</i>

2127220701302	Arun patesh	Asst. Prof.
2127220701303	A. BALAJI	Asst. Prof.
2127220701304	J. BRINDHA	Prof.
2127220701305	B. DHANESWARAN	Asst. Prof.
2127220701306	M. Gunalan	U.G.S.
2127220701100	Patina R	Prof.

2127220701142	Sucharitha.R	ECE - C	I st Year
2127210701070	MAGESKS	ECE - B	III rd year.
2127210701069	Magdalene Roy	ECE - B	III rd year

S. Anitha
 Dept. Alumni
 Coordinator

Dr. G. A. Sathish Kumar

DR. G. A. Sathish Kumar
 HOD / ECE