



Marwadi
University
Marwadi Chandarana Group

MARWADI EDUCATION FOUNDATION'S GROUP OF INSTITUTIONS
GAURIDAD CAMPUS, RAJKOT
DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

Expert Talk
on
AI and ML
Date: 04-08-2023
Event Report

An Expert talk by “**Dr . Kumar Rajamani**” was held in ICT department by “**DS CLUB**” for semester – 3,5 students on 04-08-2023. The session was all about him sharing his immense experience that he holds in the field of AI and ML and guiding students towards the right path for making their career successful in the corporate world.

EXPERT'S BACKGROUND

“Dr . Kumar Rajamani” Senior Algorithm Manager at Chennai Based Company **KLA** delivered a talk on guiding students about making their firm career in the field of **Data Science and Machine Learning**. Mr. Kumar Rajamani has spend more than 20 years of his life in the field. He started his journey as “Dr . Rajamani” and has dedicted his 20 years of life working in various field of **AI** and **ML** .

He joined KLA as Senior Manager in company's Algorithm Research Division. He mentored the research team at Philips Research to build state of the art Deep Learning and Machine Learning algorithms for Fetal Ultrasound Analysis.

In early years of his career he and his team were exploring healthcare technologies for emerging to new heights in the market. One of the initiatives he was involved in is building Fundus Image Analysis Platform and Deep Learning algorithms.

He has successfully developed state of the art algorithm using Machine Learning approach for classifying Fundus Images and detecting Diabetic Retinopathy, Glaucoma and Dry Eye.

Prior to his assignment at Bosch, he was a Research Engineer at GE Global Research, working on Oncology Quantification, (DCE-MRI), Medical Image Registration.

He was associated with academics as well to small extend. He was chairperson and HOD of Information Technology Department at Amrita Vishwa Vidhyapeeth.

He started his corporate career as Senior Scientist. He was with Philips Research Asia-Bangalore for over an year. During his tenure he was actively involved with a project requiring signal processing and pattern classification.

He has a whopping total of around ten Invention Patents to his name.

He was been invited as guest lecturer as a part of the International Conference in ML , Medical Image , Analysis , Medical Image Registration pattern classification globally. He had also given pre-conference tutorial talks in IEEE and Springer International Conferences.

TOPICS OF DISCUSSION

- **Beginners:-** The importance of courses in learning phase was being discussed initially. The course can be either online or it can be part of one's academics. Learning the concepts from the scratch
- **Upgrade skills:-** After learning basics of data science one need to explore respective domains of interest. Data science consist of various sub domains Like **BIG Data, Data Analysis, Statistics, Machine Learning, Computer Vision**. It can be used in many day-to-day life. Best fields to use data science are finance, health care, media and services , software and communication services. One need to identify the stream of interest and upgrade all the needed skill of developing logics and fast practice.
- **Learn from Experts:-** Learning from other's experiences is very important part of process of growing. It helps in many ways like **Accelerated Learning, Access to Resources, Mentorship and Guidance, Networking Opportunities** and many more.

He specified you tube channel which helps to enrich knowledge which is "Yannic Kilcher" as well he mentioned about "NeurIPS". It appears that you are referring to "NeurIPS," which stands for the Conference on Neural Information Processing Systems. NeurIPS is one of the premier conferences in the field of artificial intelligence and machine learning. It is held annually and typically attracts a large and diverse community of researchers, engineers, and practitioners from academia and industry.

Participants: BTech ICT Sem-3 and Sem-5 (ML interested) Students (85 students)



PHOTOS:







List Of Participants:

GR NO	EN Roll No	Participate Name
119487	92200133027	RISHIT KAMLESHBHAI RATHOD
119519	92200133041	DHRUVI BHALODIYA
119144	92200133016	MALHARKRISHNA SAHILKRISHNA SHAH
119680	92200133035	KRISHNA HARESHBHAI DIXIT
119694	92200133036	HARSHIL PIYUSHBHAI VADHER
119563	92200133031	KIRTAN AJAYBHAI MAKWANA
119774	92200133040	JAY TUSHIT MANGUKIYA
120002	92200133046	RACHEL LEILA AKOL MUORWEL
118173	92200133010	VASU ATULBHAI PARSANIYA
119539	92200133029	DHRUVIBEN JITENDRA PATEL
118565	92200133013	RAJNIKANT UDAYBHAI HIRAPARA
116118	92200133002	HARSH MANISHBHAI DOSHI
119625	92200133034	DIYA RAJESHBHAI KANERIYA
116617	92200133003	PRASHANT GOPALBHAI SARVAIYA
119394	92200133021	VIDYA BHARTI SINHA
119459	92200133025	UMANG KETANBHAI HIRANI
119238	92200133017	ABHAYBHAI DEVCHANDBHAI PADARIYA
119990	92200133015	MAHESHWARIBEN DIPAKBHAI BHADRESHWARA
119486	92200133026	VIVEK MANISHBHAI CHAVDA
115960	92200133001	RITESH JAYDEEPBHAI SANCHALA
119516	92200133028	HARSHVARDHAN SNEHAL SONI
119920	92200133045	NAKIBINGE GAVIN
119402	92200133022	KRISH KIRTIBHAI MAMTORA
119585	92200133024	SHANTANUSINH CHANDRASINH PARMAR
119311	92200133019	NIDHI SUBHASHBHAI DATTANI
119737	92200133039	BHUMIKA MOHANBHAI MAKWANA
117229	92200133005	SHYAMA PRAKASH VAGADIA
118613	92200133014	HENCY HITESHBHAI DEPANI
120294	92200133048	UMUTONI JUSTINE
118307	92200133012	PRIYA PREMNARAYAN SHUKLA
119296	92200133018	VRAJKUMAR KANTILAL NANDWANA
119561	92200133030	ARYAN DILIPBHAI LANGHANOJA
117709	92200133007	VISHVARAJSIKH JITENDRASIKH PARMAR
114722	92100133074	JEELKUMAR SANJAYBHAI BUTANI
114421	92100133041	YUPIN DIPAKBHAI BHENSADADIYA
114673	92100133067	DHRUVI KARTIKBHAI KOTHARI
114646	92100133065	DARSHAN ASHVINBHAI PADIA
114514	92100133051	DHARA LALIT KORIYA
115934	92210133005	RUSHABH JAY PATADIA
116063	92210133006	MEET ASHOKBHAI BUTANI
116198	92210133008	MIRALIBEN BHARATBHAI CHHAG
116206	92210133009	MEET ARVINDBHAI SAVALIYA
117126	92210133012	LUBAINA MOIZBHAI BHARMAL

118231	92210133013	PRINCE PARESHBHAI KAKKAD
114927	92100133081	ARYAVARDHAN DEEPAK SHARMA
114005	92100133031	KUSHAL SHAILESHBHAI MUNJAL
112911	92100133011	CHANDNI KARSHAN BHADARKA
114424	92100133042	PARTH JAYENDRABHAI TRIVEDI
114621	92100133060	ARJUN JENTIBHAI KUKADIYA
113475	92100133020	SHASHANK NEHALBHAI BAGDA
114750	92100133075	HIREN DHIRUBHAI MATTHAR
114701	92100133072	DEEP KIRITKUMAR BHALSOD
113286	92100133015	BHAVIN RAJESHBHAI ZALA
114454	92100133045	JATIN ARVINDBHAI SOJITRA
113448	92100133018	ABHISHEK ASHOKBHAI SHARMA
114643	92100133064	KHUSHI HARESHBHAI PANDYA
114680	92100133068	VARTIKA PRATUL VACHHANI
114606	92100133057	DARSHAN MAYANI
114696	92100133070	BHAKTI KISHANBHAI SUKHADIYA
113694	92100133024	HARSHIT PRADEEPBHAI KODNANI
114330	92100133039	KEVAL SHAMBHUNATH BEHERA
112499	92100133009	SAHIL ASHISHKUMAR PATEL
113666	92100133023	VEDANT HITESHBHAI BHARAD
114541	92100133052	HASTI VIPULBHAI HAJIPARA
114915	92100133080	SAMIR KARIMBHAI JIVANI
114768	92100133078	MUSTAFA JUZAR BHARMAL
115203	92100133088	YASH NARESHBHAI TILALA
112974	92100133012	ARSHDEEPSINGH MAKHIJA
114617	92100133059	DEVAN TUSHARBHAI BHENSDADIYA
114596	92100133055	PRASHANT GOPALBHAI NAKUM
114425	92100133043	HEET RAMESHBHAI CHOTHANI
114581	92100133053	NAMRA NIRAJKUMAR RAVANI
112656	92100133010	HITESH JIVARAJBHAI JETHAVA
114609	92100133058	DHARMI ARVINDBHAI JAVIYA
119699	92200133037	NANDINI JAYESH LASHKARI
119893	92200133044	AKASH JAGABHAI CHUDASAMA
119704	92200133038	RAJVI ROHITBHAI DAVE
119437	92200133023	FENIL JIGNESHBHAI VADHER
118299	92200133011	ARYAN JAGDISHBHAI MAHIDA
119519	92200133041	DHRUVI BHALODIYA
119144	92200133016	MALHARKRISHNA SAHILKRISHNA SHAH
119680	92200133035	KRISHNA HARESHBHAI DIXIT
119694	92200133036	HARSHIL PIYUSHBHAI VADHER



Feedback Form:



Club Name: Datu Science club Date: 8/4/23

Event Name: Expert talk on AI and Machine Learning

How would you rate the overall event experience?(Select one)

Poor
 Average
 Good
 Very Good
 Excellent

How satisfied were you with the quality of the speakers/presenters?(Select one)

Highly Satisfied
 Satisfied
 Neutral
 Dissatisfied
 Highly dissatisfied

How satisfied were you with the flow of the event?(Select one)

Highly Satisfied
 Satisfied
 Neutral
 Dissatisfied
 Highly dissatisfied

Was the content relevant to your technical interests and knowledge level?(Select one)

Extremely Relevant
 Slightly Relevant
 Neutral
 Slightly Relevant
 Not relevant at all

Any Other comments that you would like to mention?

So much curiosity developed by attending this expert talk. the speakers did a good job!



Club Name: Datu Science club Date: 8/4/23

Event Name: Expert talk on AI and Machine Learning

How would you rate the overall event experience?(Select one)

Poor
 Average
 Good
 Very Good
 Excellent

How satisfied were you with the quality of the speakers/presenters?(Select one)

Highly Satisfied
 Satisfied
 Neutral
 Dissatisfied
 Highly dissatisfied

How satisfied were you with the flow of the event?(Select one)

Highly Satisfied
 Satisfied
 Neutral
 Dissatisfied
 Highly dissatisfied

Was the content relevant to your technical interests and knowledge level?(Select one)

Extremely Relevant
 Slightly Relevant
 Neutral
 Slightly Relevant
 Not relevant at all

Any Other comments that you would like to mention?

Very well executed!
The committee was really helpful and approachable.

