



**EXCELSSIOR EDUCATION SOCIETY'S  
K. C. College of Engineering & Management Studies & Research  
Mith Bunder Road, Kopri, Thane (E)**



**Cycle – 2 NAAC Accreditation 2024**

**Criteria 5: Student Support and Progression**

5.1.2 Following capacity development and skills enhancement activities are organized for improving students' capability.

*Submitted to*



**National Assessment and Accreditation Council**



Excelssior Education Society's  
**K. C. College of Engineering and Management Studies and Research**  
(Affiliated to the University of Mumbai)  
MithBunder Road, Near Hume Pipe, Kopri, Thane (E)-400603

### Awareness Of Trends in Technology 2022-23

Sr. No.	Name Of the Capacity Development and Skills Enhancement Program	Number Of Students Enrolled	Name Of the Agencies/Experts
1	Expert talk on Cyber Security and Ethical Practices	28	Mr Abdul Moid and Team
2	Java Training by GTT	110	Mr. Prashant Vasvani, GTT
3	Campus Placement Training on Aptitude	65	Team Aptitech



  
**Dr. Vilas N. Nitnaware**  
Principal  
K.C. College of Engineering &  
Management Studies & Research



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**Awareness Of Trends in Technology 2021-22**

Sr. No.	Name Of the Capacity Development and Skills Enhancement Program	Number Of Students Enrolled	Name Of the Agencies/Experts
1	Data Structure with industrial perspective.	55	Mr. Shirish Chandrashekhar Jambhorkar Industry Person (PSTL)
2	Guest Lecture on Automation Testing: Selenium with Python	50	Mrs. Geeta Atkar ( Assistant Professor , Raysoni college of Engineering ,
3	Webinar on Career Guidance	60	Ms. Ankita Menon
4	Expert talk on "Algorithms In the Industry "	33	Mr. Mohit Dubey Software Architect at dailyhunt and Josh
5	Guest lecture on Advance application development on Arduino Board	44	Mr. Geeta Atkar Software Engineer Driven-4 system
6	Expert talk on "Wireless Network and Network management "	40	Shri Naghanath Kulkarni Senior Manager MTNL
7	Hands-On workshop on shell scripting	61	Mr. Bhaktij Koli Associate Full stack Developer at Koireader
8	Hands-on Session on security	65	Mr. Pabak Indu Assistant Professor Admas University




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9	30 hours Value Added Course on "Network Administrator by Cisco"	47	KCCEMSR
10	Webinar on Importance of 5G Technology & Beyond 5G for Telecommunication Network	117	Founder: T. Jayanandan Year of Establishment: 2016 Type of Company: Proprietorship
11	Creative Layout Modelling Activity on VLSI	39	KCCEMSR
12	IETE Foundation Day and Dr. C. V. Raman's Birth Anniversary (E Poster Competition)	24	KCCEMSR
13	Swayam Kalam Ppt presentation	13	KCCEMSR
14	Workshop on Project based learning for sensor lab	77	KCCEMSR
15	Hands on Session on Security	65	KCCEMSR
16	Java/Python MS Certification	24	KCCEMSR
17	Hands on Workshop on Shell Scripting	141	Mr. Bhaktij Koli Associate Full stack Developer at Koireader
18	Hands on Workshop on R-Programming for Data Science	65	Mr. Srinivas Gurrala (CTO, ExcelR).
19	Hands on Session on Embedded System Programming	16	KCCEMSR
20	Workshop on linux	49	KCCEMSR



  
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**Awareness Of Trends in Technology 2020-21**

Sr. no.	Name of the capacity development and skills enhancement program	Number of students enrolled	Name of the agencies/experts
1	Deep Learning using Python	45	Department of Computer Engineering, Department of Electronics & Telecommunication, Department of Information Technology
2	IoT from scratch and Machine learning with Python	91	Department of Electronics & Telecommunication
3	Introduction to Internet of Things	52	Department of Electronics & Telecommunication
4	Expert talk on An Introduction to Blockchain	362	Department of Computer Engineering
5	Skill based Workshop on Basics of Web Development	100	Department of Information Technology
6	Workshop on Full stack Web and Mobile Development	118	Department of Computer Engineering
7	Workshop on Design of Mini Projects without Hardware using Simulator	26	Department of Electronics & Telecommunication
8	Webinar on Study Abroad Opportunities in US, Canada and Australia- MS, MBA & Post Degree Diploma programs	89	Department of Computer Engineering, Department of Electronics & Telecommunication, Department of Information Technology
9	Blockchain	39	Department of Computer Engineering




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10	Backend VLSI Training	27	Department of Electronics & Telecommunication
11	Technical Debate	103	Department of Electronics & Telecommunication
12	Workshop on Latex Documentation software	48	Department of Electronics & Telecommunication
13	Hands on workshop on firewall and topology using Eve-Ng software	96	Department of Electronics & Telecommunication
14	Introduction to IoT certified by CISCO	30	Department of Electronics & Telecommunication
15	Orion Hack 2021	45	Department of Computer Engineering, Department of Electronics & Telecommunication, Department of Information Technology
16	Opportunities for Students & Faculties - Early Stage Entrepreneurs'	348	IIC & IQAC Cell



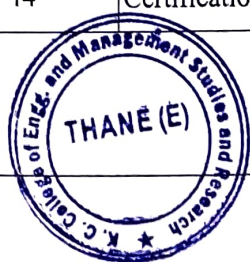
  
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**Awareness Of Trends In Technology 2019-20**

Sr. No.	Name Of the Capacity Development And Skills Enhancement Program	Number Of Students Enrolled	Name Of the Agencies/Experts
1	MTA Java certification Training	19	KCCEMSR
2	Day long training on Java	31	KCCEMSR
3	Winter Internship on Python and Web development	71	KCCEMSR
4	Design and Application of IOT	46	KCCEMSR
5	Hands on workshop on "React JS"	22	KCCEMSR
6	Seminar on "Applications of Java"	48	KCCEMSR
7	Seminar on "Role of data analytics and advanced tools"	85	KCCEMSR
8	Workshop on Android Application Development	25	KCCEMSR
9	Workshop on Android Application Development	34	KCCEMSR
10	Worshop on Cyber Security and Ethical Hacking	27	KCCEMSR
11	Workshop on Android Development	25	KCCEMSR
12	"30 Hrs. Value Added Program on Android Application Development"	25	KCCEMSR
13	"30 Hrs, Value Added Program on Android Application Development"	34	KCCEMSR
14	Certification Course on Python	43	KCCEMSR



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15	Data Science	125	KCCEMS R
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5.1.2 -> Awareness of trends in Technology 2023.



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**Training & Placement Cell (A.Y 2022-23)**

**Notice**

**Date: 29/08/2022**

All the BE students are hereby informed that the schedule of Java Training as follows:

Date: 6th, 7th & 8th September 2022

Venue: Third Floor Seminar Hall

Time: 10:00 AM to 4:30 PM

Since, attendance during the training has been a serious concern so it has been decided that you deposit Rs 500 at TPO office by Monday evening 4.00pm in cash only for this. After successful completion of training with minimum 90% attendance you will get a full refund on 9th September 2022 itself.

Note: The said training is mandatory to attend.

Dr. Ravi Prakash  
**T & P Incharge**

Dr. Arundhati Chakrabarti  
**I.Q.A.C Head**

Dr. Vilas Nitnaware  
**Principal**

**Copy to all HODs (For information):**

Name	Department	Sign
Dr. Rajiv Iyer	EXTC	
Prof. Mandar Ganjapurkar	COMPS	
Prof. Amarja Adgaonkar	IT	
Ritu Tuli	MMS	



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**Proposal for Activity (Version 1.3)**

Academic Year: 2022-23

**I. Basic Details:**


Name of The Activity: Java Training by GTT			
Proposed Day & Date of Conduction	Name of Faculties Coordinator	Department	Coordinator 's email & Phone no.
12 September to 14 September 2022	Dr. Ravi Prakash A.P. Pratap Nair A.P. Priyanka Sananse A.P. Anupama Chaurasia	T & P Cell	9768809537, 9821402862, 8888818292, 9892939789
Time & Duration in hours	Venue	Activity for class/group Student/Neighborhood (Target number)	Nature: Academic/co-curricular / extracurricular/ Environmental/ social/ other
3 Days	Seminar hall	BE	curricular

**II. Brief Information about the Activity (Criterion no - )::**

<b>Details of the activity</b>	Webinar <input type="checkbox"/> Seminar <input type="checkbox"/> Workshop <input type="checkbox"/> Course <input type="checkbox"/> Guest Lecture <input type="checkbox"/>
	Conference <input type="checkbox"/> FDP <input type="checkbox"/> STTP <input type="checkbox"/> Training <input checked="" type="checkbox"/> Internship <input type="checkbox"/>
	Industry visit <input type="checkbox"/> (Tick on the applicable)
	Choose any one from the following Topic from syllabus <input type="checkbox"/> Content beyond syllabus <input type="checkbox"/> Bridge Course <input type="checkbox"/>
	Choose any one from the following Value added course <input type="checkbox"/> Add-on on course <input checked="" type="checkbox"/>
Was the above topic conducted in previous 2 A.Y.?	
If Yes, Name of the Internal faculty who attended the same training in previous 2 A. Y. _____	
Objective for conducting the _____	To make students aware of Java Programming Language required for _____



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activity	placement
Name & Affiliation of Speaker / Guest	Mr. Prashant Vasvani, GTT
Has guest visited in last two year in your department?	YES <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes When _____ What was the topic of delivery? _____
Is guest an alumni	YES <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, alumni faculty coordinator sign _____
Methodology	Power Point Presentation
Program Outcome	PO1, PO2, PO5, PO12
Course Outcome	NA
Any other activity planned for the same audience in this semester (If yes, please specify)	 HoD Sign
Feedback-form Link	<a href="https://forms.gle/sH4fvQEFkqjD7Sic9">https://forms.gle/sH4fvQEFkqjD7Sic9</a>
Budget Required	(if yes, please specify the amount and use Annexure I for justification as attachment) No

Approval Status: Yes/No (To be ticked by competent authority with name and signature)

  
Coordinator Signature

  
IQAC Coordinator

  
Principal



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# Prashant Vaswani

Technical Trainer/experience 8years+

9833861114

prashantdarkaswani@gmail.com

Training is a constant struggle between learning new technologies and unlearning the old way of teaching.

## SKILLS

Training, Programming, Application Development, Data Science.

## Technology

C, C++, JAVA, PYTHON, R, SQL

## Tools

PowerBI, TABLEAU, QLIK

## EXPERIENCE


1. **CompanyName: Synergetics-India, Title- Corporate Trainer**

**Technology: C++**

**Term: contract basis 2022**

- Deliver technical training in C++ to 1 year experienced employee
- Train them to work for their client projects and software development.



  
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2. **CompanyName:IMSProschool,Title-DatascienceTrainer**

**Technology:Python,R,hadoop, PowerBI,Tableau**

**Term:contractbasis2022,2021,2020,2019**

- Trainstudents, freshers, lateralandcorporatesdependingonbatch
- Multipletrainingsessionsareavailableinthedatascienceandfinancialmodelingdomain.

3. **CompanyName:MCTA,Title-DatascienceTrainer**

**Technology:PowerBI,Tableau,Python**

**Term:contractbasis2022,2021**

- Trainstudents, freshers, lateralandcorporatesdependingonbatch
- Multipletrainingsessionsareavailableinthedatascienceandfinancialmodelingdomain.

4. **CompanyName:Kite-AI,Title-DatascienceTrainer**

**Technology:Tableau,PowerBI,R**

**Term:contractbasis2022**

- Trainstudents, freshers, lateralandcorporatesdependingonbatch
- Multipletrainingsessionsareavailableinthedatascienceandfinancialmodelingdomain.

5. **CompanyName:ISOFT,Title-Programming/DatascienceTrainer**

**Technology:dotnet,C#,python**

**Term:contractbasis2022**

- Trainstudents, freshers, lateralandcorporatesdependingonbatch
- Multipletrainingsessionsareavailableintheprogramming.
- Multipletrainingsessionsareavailableinthedatascienceandfinancialmodelingdomain.



  
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6. **CompanyName: TrainingVault, Title- Programming Trainer**

**Technology: dot net, C#**

**Term: contract basis 2019**

- Train students, freshers, lateral and corporates depending on batch
- Multiple training sessions are available in the programming.

7. **Company Name: Ats Learning LLP, Title- Assistant to Trainer**

**Technology: Python, java, c++**

**Term: contract basis 2018**

- Train students, freshers, lateral and corporates depending on batch
- Multiple training sessions are available in the programming.

8. **CompanyName: Science Utsav, Title- Web Development Trainer**

**Technology: html, java, css, javascript**

**Term: contract basis 2018**

- Train students
- Multiple training sessions are available in the programming.

## EDUCATION

**College Name: Vivekanand Education Society Institute of Technology Degree: B**

**achelor in engineering**

**Specialization: Computer Engineering-**

## Certifications:

Link: <https://www.credly.com/users/prashant-aswani.9f1f527d/badges>

1. Microsoft Certified: Introduction to Programming using Python.
2. Microsoft Certified: Introduction to Programming using Java.
3. Microsoft Certified: Software Fundamentals certified.
4. Microsoft Certified: Security Fundamentals certified.



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**Training & Placement Cell (A.Y. 2022-23)**  
Post event report

<b>Name of event</b>	Java training by GTT
<b>Date of event</b>	12 September to 14 September 2022
<b>Venue</b>	Seminar Hall
<b>Time</b>	10 AM to 5.30PM
<b>Name of Speaker</b>	Mr. Prashant Vasvani, GTT
<b>Speaker Profile</b>	Trainer
<b>Participants</b>	UG Engg
<b>No of students Attended</b>	150
<b>Objectives</b>	To train students for campus placement
<b>Description</b>	Students were well trained on Java for campus placement.



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**Training and Placement Cell**  
**Attendance Sheet - BE COMP - B Div 2022-23**  
**Activity: JAVA TRAINING**

Sl. No.	Name	12-09-22		13/09/22		17/09/22	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1	CHAVAN ADITYA BHAU	P	P	P	P	.	.
2	AGDALE ADITYA RAVINDRA	- Abs -	- Abs -				
3	KARALKAR SOHAM	P	P	P	P	P	P
4	KHAN FARHAN	- Abs -	- Abs -				
5	MAHINDRAKAR ANJALI	P	P	P	P	P	P
6	MAYEKAR TEJASVI VITHOBA	P	P	P	P	P	P
7	MOURYA ANIKET	P	P	P	P	P	P
8	MUTKEKAR ABHISHEK	P	P	P	P	P	P
9	NALWADE VAISHNAVI	P	P	P	P	P	P
10	PANCHAL VRUSHABH	P	P	P	P	P	P
11	PANDEY MUSKAN KRISHNAKUMAR	P	P	P	P	P	P
12	PATIL ANIRUDDHA	- Abs -	- Abs -				
13	PATIL OMKAR ANANDA	- Abs -	- Abs -		P		
14	PATIL SMIT SUNIL	P	P	P	P	P	P
15	PENKAR VISHAL RAJENDRA	P	P	P	P	P	P
16	PINGALE SANKET RAMESH	P	P	P	P	P	P
17	POJARI AYUSH SUBHASH	P	P	P	P	P	P
18	POJARI PREETHAM	- Abs -	- Abs -				
19	PRADHAN ARUNDHATI UTKAL	P	P	P	P	P	P
20	RANE TANMAY CHANDRAKANT	- Abs -	- Abs -				
21	RANE SHIVANI LUKARAM	P	P	P	P	P	P
22	SAPRE NANDINI NARISHI	P	P	P	P	P	P
23	SAPRE AMISHA SUDHIR	P	P	P	P	P	P
24	SAPRE DEEPIKA	- Abs -	- Abs -				
25	SAPRE SHRIYAS GAJANAN	P	P	P	P	P	P
26	SAPRE TANVI SURI SHI	- Abs -	- Abs -				
27	SARDAR HIRAS RAVINDRA	P	P	P	P	P	P
28	SASANI SANGHARAJ LAHI	P	P	P	P	P	P
29	SAWANI PRAJWAL SHANTARAM	- Abs -	- Abs -				
30	SAWANI PRANALI VIKAS	P	P	P	P	P	P
31	SHAIKH FAIZAN MOHID ASGAR	P	P	P	P	P	P
32	SHAIKH MOHID DANISH RAJESUDDIN	P	P	P	P	P	P
33	SHAIKH SAHIL MANSOOR	P	P	P	P	P	P
34	SHIRWAL ASHWINI RAJIV	P	P	P	P	P	P
35	SHIRWAL NIDHI VASANI	- Abs -	- Abs -				



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Sr. No.	Name							
36	SHETTY NISHITH DAMODAR		P	P	P	P		
37	SHINDE RIJUTA MUKUND		AB	P	P	P	P	
38	SHINGRE GANESH SANJAY	GS Shingre	P	P	P	P	P	
39	SHIRKE SAILEE SANJAY	AB	AB	P	P	P	P	
40	SHIVALKAR ABHINAV JAGDISH		P	P	P	P	P	
41	SHUKLA HARSHIT SANTOSH		AB	AB				
42	SINGH		AB	AB				
43	SINGH AKASH ASHOKKUMAR		AB	AB				
44	SINGH ASHISH AMAR		AB	AB		P	P	
45	SINGH AYUSH RAMESH		AB	AB				
46	SINGH BHARATI RAVINDRA		P	P	P	P	P	
47	SINGH IKJYOT GURPREET		AB	AB				
48	SINGH PRIYANKA JAY PRAKASH		AB	AB				
49	SINGH VINIT RAMESH		AB	AB				
50	SNEHA SANTOSH KUMAR		AB	AB				
51	TANNA PRANAV DEVEN	Panna	P	P	P	P	P	
52	TAWHARE SAYLI DATTATRAY		AB	AB				
53	TRIPATHI SHUSHANT UMESH	Shushant T	P	P	P	P	P	
54	UIKE SANJANA ULHAS		AB	AB				
55	VICHARE SIMRAN SANTOSH		AB	AB				
56	YADAV ABHINAVKUMAR SURENDRA		AB	AB				
57	YADAV ARYAN VINOD		AB	AB				
58	YADAV RUCHITA RAMBRIKSHA		AB	AB				
59	YADAV SHANI HAWALDAR		AB	AB				

~~GO BAGDE SAJANAB, PRAKASHAR~~  
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Department of Information Technology		Class and Branch	With this session you can acquire the ability to use Java concepts in.	The knowledge you gained during this session will be applied in order to analyze.	With this expert session you can apply the acquired knowledge to use modern.	How well can you recognize the need for gaining lifelong.	Rate the importance of the acquired knowledge and its long term usefulness in.	Rate the trainer's presentation skills.	Would you recommend this speaker for future Training?	Overall comments and suggestions.
Name:	Email Address									
9-14-2022 17:20:31	pranav.tanna@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	Great session
9-14-2022 17:20:31	anika.vijay.khokale@kcoemr.edu	BE Electronics and Telecommun	3	3	3	3	3	3	3	Overall good session
9-14-2022 17:20:31	anandhakr@kcoemr.edu	BE Computer Engineering	2	3	3	2	2	3	2	
9-14-2022 17:21:24	rajbhakar003@gmail.com	BE Electronics and Telecommun	3	3	3	3	3	3	3	
9-14-2022 17:25:11	avshvkar@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	
9-14-2022 17:25:03	prajdyha@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 17:34:50	swastik@kcoemr.edu	BE Electronics and Telecommun	3	3	3	3	3	3	3	
9-14-2022 17:39:09	nichitewar@kcoemr.edu	BE Electronics and Telecommun	1	2	2	1	1	2	1	Nice
9-14-2022 17:39:50	praganeshi@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 17:47:01	svanishi@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 17:58:26	tanrnujke@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	
9-14-2022 18:01:00	visawant@kcoemr.edu	BE Information Technology	3	2	3	2	2	3	2	
9-14-2022 18:02:57	ptanishka@kcoemr.edu	BE Electronics and Telecommun	2	2	2	2	2	2	2	
9-14-2022 18:04:45	prathamesh@kcoemr.edu	BE Information Technology	3	3	3	3	3	3	3	
9-14-2022 18:07:17	anarundhati@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	
9-14-2022 18:11:40	gubharati@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 18:15:35	shrimathreel10@gmail.com	BE Information Technology	3	3	3	3	3	3	3	Gain lot of knowledge
9-14-2022 18:25:48	ansiddhi@kcoemr.edu	BE Information Technology	2	2	2	2	2	2	2	
9-14-2022 18:26:08	jampayal@kcoemr.edu	BE Computer Engineering	3	2	2	2	2	3	2	Good
9-14-2022 18:27:06	hiteshshi@kcoemr.edu	BE Electronics and Telecommun	1	3	3	3	3	3	1	Very good and informative session
9-14-2022 18:29:25	vaishnavi@kcoemr.edu	BE Information Technology	3	1	1	1	1	1	1	
9-14-2022 18:29:56	raiketas@kcoemr.edu	BE Computer Engineering	3	2	2	2	2	3	2	Very good training session.
9-14-2022 18:30:13	indokaron@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 18:31:27	mohddanish@kcoemr.edu	BE Computer Engineering	2	3	2	2	2	3	2	
9-14-2022 18:48:50	lavshavai@kcoemr.edu	BE Information Technology	3	3	3	3	3	3	3	Overall training was great
9-14-2022 18:51:08	esiddhesh@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 19:07:05	raiketas@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	Good
9-14-2022 19:11:41	njavate3178@gmail.com	BE Computer Engineering	2	2	2	2	2	2	2	It was a resourceful seminar.
9-14-2022 19:15:05	dsiddhi@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	
9-14-2022 19:16:22	essangharaj@kcoemr.edu	BE Computer Engineering	2	3	2	2	2	3	2	
9-14-2022 19:18:52	anmandini@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	1	2	
9-14-2022 19:21:12	abruswala@kcoemr.edu	BE Electronics and Telecommun	3	3	3	3	3	2	2	Good
9-14-2022 19:26:09	shubhour@kcoemr.edu	BE Information Technology	2	2	2	2	2	2	2	
9-14-2022 19:30:24	tuamisha@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 19:43:59	ekanjharavi@kcoemr.edu	BE Information Technology	1	1	1	1	1	1	1	
9-14-2022 19:48:23	jalimali275@gmail.com	BE Information Technology	2	2	2	2	2	2	2	Okay
9-14-2022 20:04:18	prishah@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	
9-14-2022 20:08:01	ashish@kcoemr.edu	BE Information Technology	3	3	3	3	3	2	2	Good session.
9-14-2022 20:09:31	pranav@kcoemr.edu	BE Electronics and Telecommun	2	2	2	2	2	3	2	
9-14-2022 20:34:10	jalraj@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	
9-14-2022 20:43:29	avkar@kcoemr.edu	BE Information Technology	3	3	3	3	3	3	3	
9-14-2022 21:02:44	anvish@kcoemr.edu	BE Information Technology	3	3	3	3	3	2	3	
9-14-2022 21:36:39	prishah@kcoemr.edu	BE Computer Engineering	3	2	2	2	2	2	2	
9-14-2022 22:17:32	pragun@kcoemr.edu	BE Electronics and Telecommun	2	2	2	2	2	2	2	Nice session very useful
9-14-2022 23:02:44	ushisha@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-14-2022 23:32:57	ketimourya77@gmail.com	BE Computer Engineering	2	1	2	2	2	1	1	
9-15-2022 9:51:28	alekshet@kcoemr.edu	BE Computer Engineering	3	2	2	3	2	3	3	
9-15-2022 11:21:49	jekanshav@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	3	3	
9-15-2022 11:30:44	disaliam@kcoemr.edu	BE Electronics and Telecommun	2	3	3	3	3	3	3	
9-15-2022 11:30:52	pradhumale@kcoemr.edu	BE Electronics and Telecommun	2	3	3	3	3	3	3	
9-15-2022 13:17:47	pranav@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-15-2022 13:17:50	pranav@kcoemr.edu	BE Computer Engineering	2	2	2	2	2	2	2	
9-15-2022 13:18:33	jekarvishal@kcoemr.edu	BE Computer Engineering	3	3	3	3	3	3	3	Very informative session





KC TPO <kctpo@kccemsr.edu.in>

## Regarding Java Training of our BE Final year students

2 messages

Ravi Prakash <kctpo@kccemsr.edu.in>  
To: Rahul Rai <rahulr@gttconnect.com>

Fri, Aug 26, 2022 at 4:56 PM

Dear Mr Rahul,  
As discussed, kindly schedule the Java training for campus placement on 6th, 7th and 8th Sept22.  
The said training will be in offline mode.  
Kindly share the profile of the trainer too.  
Regards,

**Dr. Ravi Prakash**  
**Associate Professor.**  
**Head, Training and Placement Cell**  
**K C College of Engineering & Management Studies and Research**  
**Thane (Maharashtra)**  
**NAAC Accredited B++**  
**Direct: 022-25327100/6088**  
**M: 9768809537**  
**Wing Lead, Netarhat Shreeman-NOBA GSR(USA-IND)**  
**Member, Managing Committee , Computer Society of India (CSI)-Mumbai Chapter**  
**Member, Maharashtra Training & Placement Association(MaTPO)**

Rahul Rai <rahulr@gttconnect.com>  
To: Ravi Prakash <kctpo@kccemsr.edu.in>

Fri, Aug 26, 2022 at 4:58 PM

Dear Sir,

Thanks for the mail.

Thanks & Regards,

Rahul Rai

Key Account Manager | Global Talent Track | Mob: +91 9827164366,7263024311

**Empowering Talent.....Worldwide**



[www.gttconnect.com](http://www.gttconnect.com)

[Quoted text hidden]



*K.C. Principal  
College of Engineering &  
Management Studies & Research*

# Feedback for Java Training By GTT\_2022-23

\*Feedback for Java Training By GTT\_2022-23\*  
<https://forms.gle/sH4fvQEFkqjD7Sic9>

Date: 12.09.2022 ,

13.09.2022 and

14.09.2022

Topic: Java Training

Overall Evaluation:-

1: Disagree/Poor

2: Good

3. Strongly Agree/Excellent

repository2@kccemsr.edu.in 

\* Indicates required question

Email \*

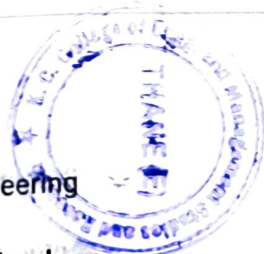
Your email

Name: \*

Your answer

Class and Branch \*

- BE Computer Engineering
- BE Information Technology
- BE Electronics and Telecommunication



*Principles of Engineering & Research*  
*K. J. Somaiya Institute of Engineering & Information Technology, Mumbai*

 Request edit access

With this session you can acquire the ability to use Java concepts in your field. \*  
(PO1)

- 1
- 2
- 3

The knowledge you gained during this session will be applied in order to analyze \*  
problems? [PO2]

- 1
- 2
- 3


With this expert session you can apply the acquired knowledge to use modern \*  
tools in Java.(PO5)

- 1
- 2
- 3

How well can you recognize the need for gaining lifelong knowledge? PO12 \*

- 1
- 2
- 3



  
Principal  
K.C. College of Engineering &  
Management Studies & Research

 Request edit access

Rate the importance of the acquired knowledge and it's long term usefulness in day- to-day life. \*

1

2

3

Rate trainer's presentation skills. \*

1

2

3

Would you recommend this speaker for future Training? \*

1

2

3

Overall comments and suggestions.

Your answer

Submit



*Principal*  
K.C. College of Engineering & Management Studies & Research

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Google Forms

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5112 2021-22 - Awarded in heads in  
Technology



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**Activity Report**

File No. / Ref. No. Academic Year: 2022-23

**I. Basic Details:**

1. Name of the Activity: Workshop on Advance Shell Scripting.			
Proposed Day & Date of Conduction	Name of Faculties	Department/ Committee	Coordinator Name & Phone no.
17 <sup>th</sup> March 2023	Asst.Prof Devika Rani Roy	Department of Information Technology	Ass.Prof. Devika Rani Roy
Time 10:00AM- 4:00PM	Venue Lab-3	Activity for SE Students	Nature: Academic

**II. Brief Information about the Activity (Criterion no - 2 ):**

Topic/ Subject of the activity	Hands on workshop on advance shell scripting.
Objective for conducting the activity	To give hands on experience of shell scripting and brief knowledge about it.
Name of Guest	Mr Bhaktij Koli(Full Stack Developer)
Methodology	Hands-on- Workshop
Expected Outcome	To learn basic shell scripting.
Course Outcome	To learn basic shell scripting.
Program Outcome	PO1,PO2,PO3,PO4,PSO1
Budget Required	Yes



**III. Proofs attached(scan copies): communication letters/notice/Details of Guest/authenticated signed list of participants/ certificate format (if any)/ document/payment vouchers/one page report/photos/feedback analysis/ any other**

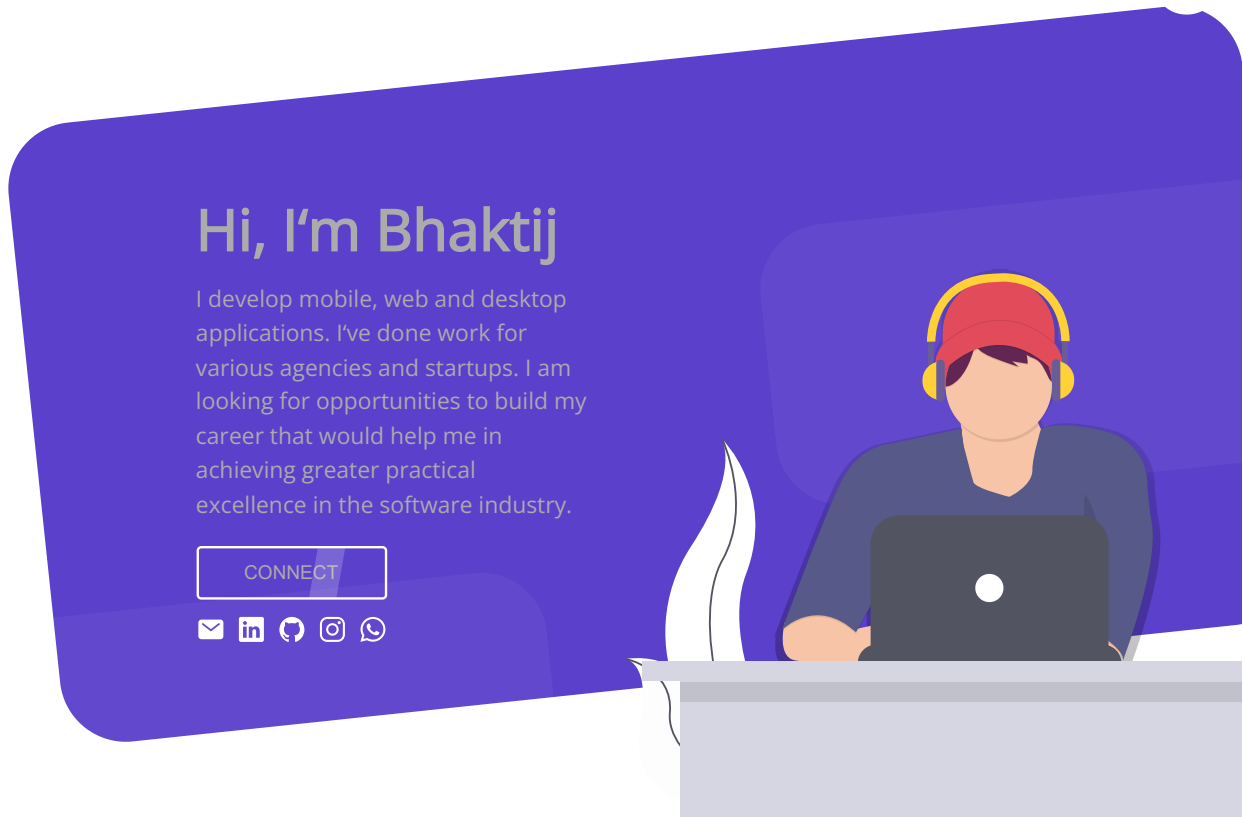
<b>1. Notice</b>	<b>2. Attendance proof</b>	<b>3. Certificate format</b>
<b>4. Feedback analysis</b>	<b>5. Sample feedback form</b>	<b>6. Appreciation letter</b>
<b>7. Photograph</b>		

**Coordinator**

**HOD**

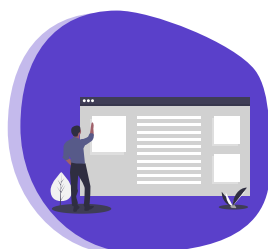
**IQAC Coordinator**





## What I Do

I have worked with various technologies and frameworks to build innovative and ideal projects.



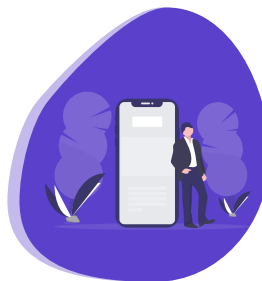
### Web/Desktop Application Development

I am very firm when it comes to Web Development, I have built single pages, e-commerce, content management and analytical web applications. I have also developed

desktop cross-platform applications as well as Windows desktop applications.

## Mobile Application Development

I have built and published several mobile apps mainly including e-commerce, management and utility applications using cross-platform mobile application development frameworks like react-native and ionic.



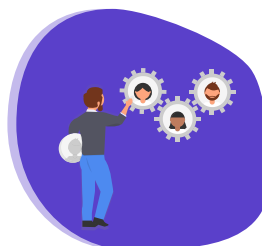
## Internet Of Things

Having a good understanding of the interaction between physical hardware and software programming, I have built and provided various data-driven IoT solutions. Have worked on communication protocols including I2C, SPI, 1-wire, UART, MODBUS, DALI

and various boards including Arduino, esp and Raspberry PI.

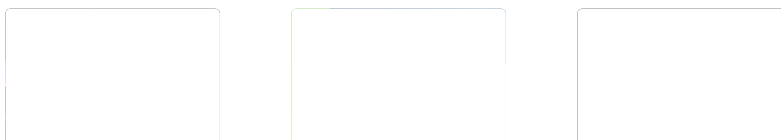
## Blockchain

Have implemented blockchain using Ethereum, Solidity and Truffle and developed web application using web3 for javascript.



# My Projects

I have built a number of projects over the years, few were developed as a freelancer and others as open source.





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Department of Computer Engineering

## Few Glimpses

The screenshot shows a Google Meet interface with a terminal window open. The terminal displays a shell script for calculating simple interest. The script is as follows:

```
1 $ q2.sh
2 # Write a shell script to calculate simple interest.
3 # si = p*r*t/100
4 echo "Enter the principal value"
5 read p
6 echo "Enter the rate of interest"
7 read r
8 echo "Enter the time period"
9 read t
10 ((si=p*r*t/100))
11 echo "The simple interest is $si"
```

The terminal output shows the script is running, and the user has entered the principal value '1000', the rate of interest '10', and the time period '1'. The output is "The simple interest is 100".

The meeting interface shows a notification that "Ashutosh Bhosale has left the meeting". The "In-call messages" panel is open, showing a list of messages from participants: Shubham Pawar, Vivek Tiwari, rutuj bhise, and RATNADEEP SALASKAR, all with the message "No doubt".

The screenshot shows the same Google Meet session, but with the "People" panel open. The panel displays a list of participants in the call:

Name	Role	Mute
Prof. Devika Rani Roy (You)	Meeting host	Muted
ABHISHEK JOSHI		Muted
Aditi Thakre		Muted
AISHWARYA BABLADI		Muted
AKASH PAWAR		Muted

The terminal window now shows the output of the script: "The simple interest is 100". The "People" panel also shows options for "Save attendance", "Mute all", "Add people", and "Host controls".



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**Department of Computer Engineering**

The screenshot shows a Zoom meeting interface. The main window displays a slide titled "QUESTIONS" with three tasks:

1. Write a shell script to read and check if the directory exists or not, if not make the directory.
2. Write a shell script to print following pattern:  
\*  
\*\*  
\*\*\*  
\*\*\*\*
3. Write a shell script to implement menu-driven calculator using case statement.

The slide also includes a "View Options" dropdown and a "REC" indicator. A small video thumbnail of the host, Bhaktij Koli, is visible in the bottom right of the slide area.

The right sidebar shows a list of 60 participants:

Participant Name	Status
Devika Roy (Host, Me)	Unmute More
Bhaktij Koli (Co-host)	REC Mute
Kushal Amin	Mute
SAWANI BALKAWADE	Mute
Ratnadeep Salaskar	Mute
hitesh	Mute
Sameer Shrikhande	Mute
Darshan Mahadik	Mute
Anish Khatu	Mute
Tanvi	Mute
Dishita	Mute
Musab Dhanraj	Mute

The bottom of the window shows a file manager with items: zoom\_i386.deb, invite.ics, zoom\_amd64.deb, and 2022-03-17T....csv. A "Show all" button is also present.





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**Department of Computer Engineering**

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## Report

### Hands-on Workshop on Shell Scripting

**Class:** SE (IT,COMP), TE (EXTC)

**Date:** 17/03/2022

**Venue:** Online through Google meet

**Students Attended:** 141

**Objective:** To make students capable of doing shell scripting for various applications.

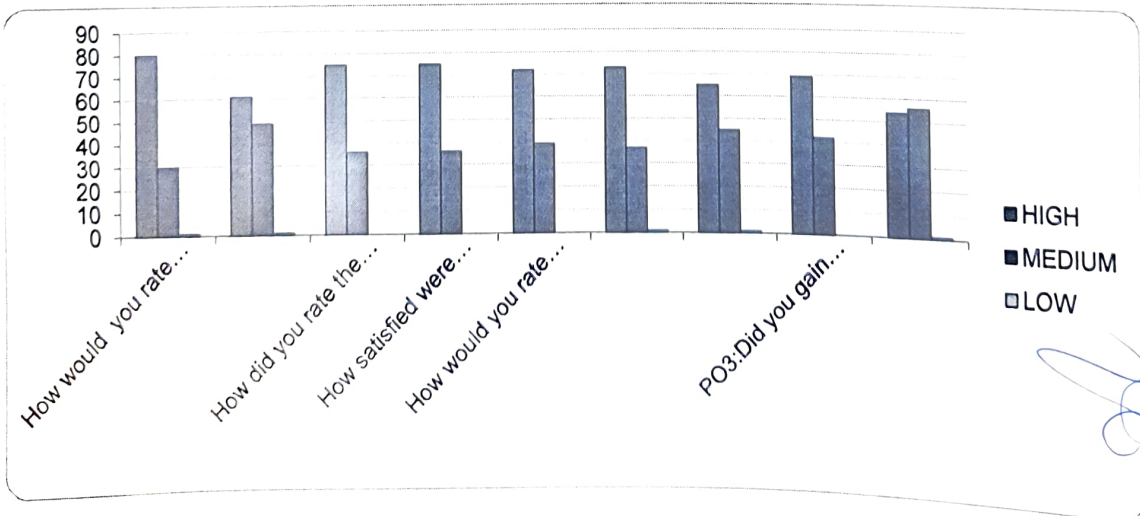
#### Activity Report:

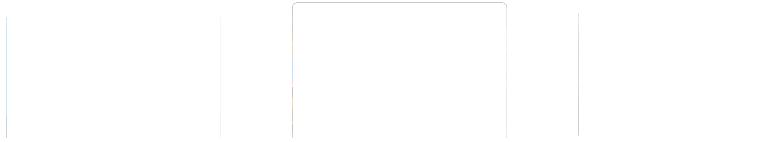
The Department of Information Technology and Computer Engineering organized a workshop, "**Hands-on Workshop on Shell Scripting**" for SE (IT,COMP), TE (EXTC) Students. The expert was Mr. Bhaktij Kolhi. He is an Associate Full stack Developer at Koireader and has specialization in Laravel, React, Node JS, DevOps. Expert has conducted a hands-on session on Advance shell scripting, Scripting using Perl, Scripting using Awk. 141 students have attended the workshop and got a practical insight into Advance scripting.

**K.C.College of Engineering and Management Studies and Research**  
**Department of Computer Engineering**  
**HANDS on Workshop on Shell Scripting**

**Date: 17/03/2022**

	HIGH	MEDIUM	LOW
How would you rate the quality of session ?	80	30	1
How would you rate the duration of Session ?	61	49	1
How did you rate the effectiveness of the session in contribution to innovative ideas ?	75	36	0
How satisfied were you with the Workshop content?	75	36	0
How would you rate the overall effectiveness of the workshop?	72	39	0
PO1:Did the event help you to apply your technical engineering knowledge to do Shell scripting?	73	37	1
PO2: Did the workshop help you to analyze problem while doing Shell scripting?	65	45	1
PO3:Did you gain knowledge about Shell Scripting?	69	42	0
PO4: Did the event gave you the opportunity to conduct investigations of complex problem in Shell scripting.	54	56	1





[VIEW MORE](#)

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5.1.2 2020-21 Awarner 10  
TCU

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**Proposal for Activity (Version 1.2)**

**Academic Year: 2020-2021**

**I. Basic Details:**

<b>Name of The Activity: Hands on course on Deep Learning using Python</b>			
<b>Proposed Day &amp; Date of Conduction</b>	<b>Name of Faculties Coordinator</b>	<b>Department</b>	<b>Coordinator 's email &amp; Phone no.</b>
Saturday and Sunday 4 <sup>th</sup> -5 <sup>th</sup> , 11 <sup>th</sup> -12 <sup>th</sup> , 18 <sup>th</sup> -19 <sup>th</sup> , 25 <sup>th</sup> -26 <sup>th</sup> July 2020	Sulochana Madachane	IT, Computer and EXTC	Sulochana Madachane 9769240747
<b>Time (Duration in hours)</b>	<b>Venue</b>	<b>Activity for class/group Student/Neighborhood (Target number)</b>	<b>Nature: Academic/co-curricular / extracurricular/ Environmental/ social/ other</b>
2pm to 7pm	Google Meet	Group Student SE,TE,AND BE	Academic/co- curricular

**II. Brief Information about the Activity (Criterion no - ):**

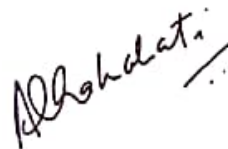
<b>Topic/ Subject of the activity</b>	:Hands on course on Deep Learning using Python
	Choose any one from the following Topic from syllabus <input type="checkbox"/> Content beyond syllabus <input type="checkbox"/> Bridge Course ✓ <input checked="" type="checkbox"/>
	Choose any one from the following Value added course ✓ <input checked="" type="checkbox"/> Add-on on course <input type="checkbox"/>
	Was the above topic conducted in previous 2 A.Y.? NO
	If Yes, Name of the internal faculty who attended the same training in previous 2 A. Y. _____
<b>Objective for conducting the activity</b>	<ul style="list-style-type: none"> <li>To differentiate between Machine Learning and Deep Learning</li> <li>Implement Deep Neural Network like RNN,CNN, MLP and their applications to solve real world problems.</li> <li>Improve the performance of the model using different techniques</li> </ul>
<b>Name of</b>	

<b>External Speaker / Guest</b>	
<b>Has guest visited in last two year in your department?</b>	YES <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes When _____ What was the topic of delivery? _____
<b>Is guest an alumni</b>	YES <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, alumni faculty coordinator sign _____
<b>Methodology</b>	Google Classroom (Online)
<b>Program Outcome</b>	PO1,PO2, PO3,PO4, PO5
<b>Course Outcome</b>	---
<b>Any other workshop or guest lecture or training planned for the same audience in this semester (If yes, please specify)</b>	No
<b>Budget Required</b>	(if yes, please specify the amount and use Annexure I for justification as attachment)
	<b>HoD Sign</b>

Approval Status: Yes/No (To be ticked by competent authority with name and signature)



Coordinator Signature



IQAC Coordinator



Principal





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Presents

# VALUE ADDED COURSE

2-F

## Prerequisite concepts

- Basics of Machine Learning
- Basics of Python Programming

## Objective of Course:

- To differentiate between Machine Learning and Deep Learning
- Implement Deep Neural Network like RNN, CNN, MLP and their applications to solve real world problems.
- Improve the performance of the Neural network using different technique

## Outcome of Course: Students will be able to

- Understand Deep learning Concepts
- Apply different algorithms for the image processing and text processing
- Understand how to measure the performance and improve the performance.

On



**DEEP  
LEARNING**

30 Hours course with hands on  
starts From 4th July 2020  
Only on Saturday and Sunday  
2pm-7pm

## Target Audience

SE, TE, BE students who fulfills  
prerequisite of the course

Seats are limited to 30.  
First come first serve



<https://forms.gle/FE4F9QoBChbtyJmc7>



Google Classroom



sulochana.madachane@kocemsr.edu.in



9769240747



Course content of Value Added Course- Hands on course on Deep Learning using Python

Day 1	<b>Session 1: 2:00 pm- 4:00 pm</b> <b>Sulochana Madachane</b> <ol style="list-style-type: none"> <li>Basics of deep learning</li> <li>what are artificial neurons.</li> <li>what are Activation functions</li> </ol>	<b>Session 2: 4:00 pm- 5:00 pm</b> <ol style="list-style-type: none"> <li>Basic of Python</li> <li>How to execute program using Google colab</li> </ol>	<b>Self-Paced (2 hours)</b> <b>Assignment and submissions</b> <ol style="list-style-type: none"> <li>Basics o Python</li> <li>Introduction to Tensor flow</li> </ol>
Day 2	<b>Session 1: 2:00 pm- 4:00 pm</b> <b>Sulochana Madachane</b> <ol style="list-style-type: none"> <li>Introduction to Artificial Neural Network</li> </ol>	<b>Session 2: 4:00 pm- 5:00 pm</b> <ol style="list-style-type: none"> <li>Designing the Neural Network in Python</li> <li>How to execute program using Google colab</li> </ol>	<b>Self-I</b> <b>Assignment</b> <ol style="list-style-type: none"> <li>code first Neural network using Tensorflow.</li> </ol>
Day 3	<b>Session 1: 2:00 pm- 4:00 pm</b> <b>Sulochana Madachane</b> <ol style="list-style-type: none"> <li>How Convolutional Neural Networks are used to find insights from images.</li> </ol>	<b>Session 2: 4:00 pm- 5:00 pm</b> <ol style="list-style-type: none"> <li>Designing the Convolutional Neural Network in Python</li> <li>Working of different activation function</li> </ol>	<b>Self-Paced (2 hours)</b> <b>Assignment and submissions</b> <ol style="list-style-type: none"> <li>Code Convolutional Neural network using Tensorflow using already available data online and analyze the output</li> </ol>
Day 4	<b>Session 1: 2:00 pm- 4:00 pm</b> <b>Sulochana Madachane</b> <ol style="list-style-type: none"> <li>Recurrent Neural Networks are used to find insights in time series data like from stock prices and from human language.</li> </ol>	<b>Session 2: 4:00 pm- 5:00 pm</b> <ol style="list-style-type: none"> <li>Designing the Recurrent Neural Network in Python</li> <li>How to execute program using Google colab</li> </ol>	<b>Self-Paced (2 hours)</b> <b>Assignment and submissions</b> <ol style="list-style-type: none"> <li>Code Recurrent Neural network using Tensorflow using already available data online and analyze the output</li> </ol>
Day 5	<b>Session 1: 2:00 pm- 4:00 pm</b> <b>Sulochana Madachane</b> <ol style="list-style-type: none"> <li>Transfer learning, an important technique in training deep neural networks and create models quickly, rather than from scratch.</li> </ol>	<b>Session 2: 4:00 pm- 5:00 pm</b> <ol style="list-style-type: none"> <li>Transfer Learning in using MobileNet, ResNet etc . in Python</li> <li>How to increase the accuracy of model by changing hyper parameters</li> </ol>	<b>Self-Paced (2 hours)</b> <b>Assignment and submissions</b> <ol style="list-style-type: none"> <li>code Transfer Learning using Tensor flow.</li> <li>Analyze different models on same dataset .</li> </ol>

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Session 1: Discussion and Doubt  
solving (2:00 pm- 3:00 pm)

Presentation of implemented  
project (3:00 pm-5:00 pm)

Valedictory (5:00pm-6:00 pm)

12

### Registration - Hands on Deep Learning using Python

Timestamp	Name of student	Department of student	Email ID	Phone Number	Objective of Joining the Course	Do you know Python programming(Basic)?	Do you now Machine Learning(Basic)?
6/23/2020-14:59:48	Aditya Bagwadkar	Computer	adityabagwadkar@kccemsr.edu.in	7045663873	1	Yes	Yes
6/23/2020-15:18:01	Pranali khilari	Computer	pranalkhilari@kccemsr.edu.in	9769948027	2	Yes	Yes
6/23/2020-15:22:21	Dilip yadav	Computer	dilipruiz458@gmail.com	08291063579	Learn more about python	Little bit	Little Bit
6/23/2020-15:22:43	Nitesh sharma	Information technology	niteshm.sharma5@gmail.com	7039152272	Learn for Machine learning	Yes	No
6/23/2020-15:22:53	Gaurav D Sarvaiya	EXTC	sarvaiyagaurav@kccemsr.edu.in	09324065814	Interested in learning ML	Yes	No
6/23/2020-15:23:02	Devika Olkar	Computer Engineering	devikaolkar@kccemsr.edu.in	08169683010	The main objective is I am currently learning neural networks and it would be great to have a hands on session by professional help.	Yes	Yes
6/23/2020-15:23:17	Sahil Pulkal	IT	Sahilpulkal@gmail.com	8433640033	To apply deep learning to my final year project.	Yes	Yes
6/23/2020-15:23:43	Akshay Sakpal	I.T	akki.sakpal@gmail.com	9004563818	Career	Yes	No
6/23/2020-15:24:37	Aswin Rajagopal	IT	nairaswin1999@gmail.com	9967593629	To obtain knowledge on Deep learning	Yes	No
6/23/2020-15:25:24	Shruti Ganesh Salvi	Computer	shrutisalvi907@gmail.com	9819532089	Gain Knowledge	Yes	Little Bit
6/23/2020-15:27:08	Tejas Joshi	Information technology	tejasjoshi@kccemsr.edu.in	7506919184	To gain more knowledge	Yes	No
6/23/2020-15:28:16	Hareesh Lad	Information Technology	hareeshlad@kccemsr.edu.in	9969930197	How to implement Deep learning in projects and also Helps in Project	Yes	Little Bit
6/23/2020-15:28:24	Amaan shaikh	IT	amaan.amu786321@gmail.com	7021226247	To obtain knowledge about machine learning and deep learning	Yes	No
6/23/2020-15:30:09	Atharva Joshi	IT	atharvajoshi07@gmail.com	9892885602	Gain Knowledge	Yes	Little Bit
6/23/2020-15:36:20	TANUSHKA S CHAVAN	COMPUTER	tanuskachavan@kccemsr.edu.in	9769518202	to gain more knowledge of deep learning	Little bit	Little Bit
6/23/2020-15:37:56	Priya pal	Electronics and telecommunication engineering	palpriya@kccemsr.edu.in	8268459680	To learn technology	Little bit	Little Bit
6/23/2020-15:38:51	Shubham Shrikant Gupta	Extc	sg366330@gmail.com	8292021788	Knowledge	Yes	No
6/23/2020-15:46:52	Shubhra Singh	IT	shubhra498@gmail.com	9819354549	To learn and inculcate programming basics.	Little bit	Little Bit

	Suman Sharma	IT	sumanpsharma.23@gmail.com	7506046274	To Learn Machine Learning and Python basic.	Yes	Yes
6/23/2020 15:48:25	Kevin chotaliya	COMPS	kevinchotaliya@kccemsr.edu.in	8689857786	To learn new things	Yes	No
6/23/2020 15:55:37	Kevin chotaliya	COMP	kevinchotaliya@kccemsr.edu.in	8689857786	To learn and implement new things	Yes	Yes
6/23/2020 15:58:21	Seeta gaud	computer	seetagaud@kccemsr.edu.in	9820125556	To know more about deep learning	Little bit	Little Bit
6/23/2020 16:22:10	Syed Mohd. Baqer	Exc	smbaquer110@gmail.com	9867835928	To understand the concepts of Deep Learning	Little bit	Little Bit
6/23/2020 16:22:55	Prachi Tawde	Computer	prachit@gmail.com	9702661860	To learn new concepts	Yes	Little Bit
6/23/2020 17:07:54	Aaboli Anil Sanas	Information Technology	aabolisanas@gmail.com	8879350212	Want to gain knowledge and to learn new things(courses) related to my field.	Yes	No
6/23/2020 17:10:16	Pranali khilari	Computer	pranalkhilari@kccemsr.edu.in	9769948027	2	Yes	Yes
6/23/2020 17:18:58	Manvi Singh	Computer	manvingsingh@kccemsr.edu.in	+917977545201	Knowledge	Yes	Yes
6/23/2020 17:58:18	Girija Varma	Exc	giristudent456@gmail.com	08805517614	To learn deep learning.	Yes	No
6/23/2020 18:28:49	Amita Kashid	Computer	amitakashid1928@gmail.com	+917506180240	To improve knowledge of deep learning	Yes	Yes
6/23/2020 19:16:49	Gaurav D Sarvaiya	EXTC	sarvaiyagaurav@kccemsr.edu.in	09324065814	Interested in learning ML	Yes	No
6/23/2020 22:52:21	Sahil Mirashi	IT	sahilmirashi7777@gmail.com	7045841799	Learning	Yes	No
6/23/2020 22:54:39	Neha Shukla	Computer	nehashukla@kccemsr.edu.in	8097879671	Learning	Yes	Yes
6/24/2020 11:35:12	RIYA JAIN	COMPUTER	riyajain12395@gmail.com	9987952553	have made a project based on ML, would like to enhance knowledge about it and will also help me to develop my model more efficiently.	Yes	Little Bit
6/24/2020 12:30:52	Prahalad Parihar	Computer	panharprahalad26@gmail.com	8767386794	Learn and understand the deep learning concepts.	Yes	Yes
6/24/2020 17:46:03	Shubhra Singh	IT	shubhra499@gmail.com	9819354549	To learn and inculcate programming basics.	Little bit	Little Bit
6/25/2020 1:32:43	Sahil Mirashi	IT	sahilmirashi7777@gmail.com	7045841799	Learning	Yes	No
6/25/2020 20:40:12	Prachi Nimase	Computer	prachinimase@gmail.com	7718983938	To learn deep learning concepts	Yes	Little Bit
7/3/2020 12:01:19	Tandel Avinda Virendra	Computer	arvindtandel@kccemsr.edu.in	7045568066	Curious and interested to study subject	Yes	Little Bit

7/3/2020-12:08:46	Amita Kashid	Computer	amitakashid1928@gmail.com	+917506180240	To improve knowledge of deep learning and get internship	Yes	Yes
7/4/2020-17:55:23	Shardul Mulay	Computer Engineering	shardulmulay@kccemsr.edu.in	9768157388	Learning about concepts of Deep Learning	Yes	Yes
7/11/2020-18:01:13	Aditya Bagwadkar	Computer	adityaashishx123@gmail.com	7045663873	to learn new things	Yes	Yes
7/11/2020-18:02:08	Shardul Mulay	Computer Engineering	shardulmulay@kccemsr.edu.in	9768157388	To learn about deep learning and its application	Yes	Yes
7/11/2020-18:04:42	Tandel Arvinda Virendra	Computer	arvindtandel@kccemsr.edu.in	7045568066	Practically implementation of Deep learning concepts	Yes	Yes
7/11/2020-18:05:07	Hareesh Lad	IT	hareeshlad@kccemsr.edu.in	99969930197	For final year project	Yes	Little Bit
7/25/2020-23:51:48	Shubhra Singh	IT	shubhra498@gmail.com	9819354549	To learn and inculcate programming basics.	Little bit	Little Bit





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THIS IS PRESENTED TO *Shardul Muley*

for participating in  
**30 hours Value Added Course on "Hands on course on Deep Learning using Python"**  
organised by **Department of Computer Engineering & IQAC** of  
**K.C. College of Engineering & Management Studies & Research,**  
**Thane (E)** from 4th July 2020 to 20th July 2020.

**Prof. Manish Ganjapurkar**  
**HOE & Convener**

**Dr. Arundhati Chakrabarti**  
**Vice Principal &**  
**IQAC Co-ordinator**

**Dr. Vilas Nitnaware**  
**Principal**

**Prof. Sulochana Madachane**  
**Co-ordinator**



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organised by Department of Computer Engineering & IQAC of  
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**Prof. Mandar Ganjapurkar**  
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**Prof. Sulochana Madachane**  
Co-ordinator

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**Dr. Vilas Nitnaware**  
Principal



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THIS IS PRESENTED TO *Aditya Bagwadkar*

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**Dr. Vilas Ninaware**  
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**Co-ordinator**



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THIS IS PRESENTED TO *Neha Shukla*

for participating in  
**30 hours Value Added Course on "Hands on course on Deep Learning using Python"**  
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Thane (E) from 4th July 2020 to 20th July 2020.

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**IQAC Co-ordinator**

**Prof. Sulochana Madachane**  
**Co-ordinator**

**Dr. Vilas Ninaware**  
**Principal**



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THIS IS PRESENTED TO *Anita Kashid*

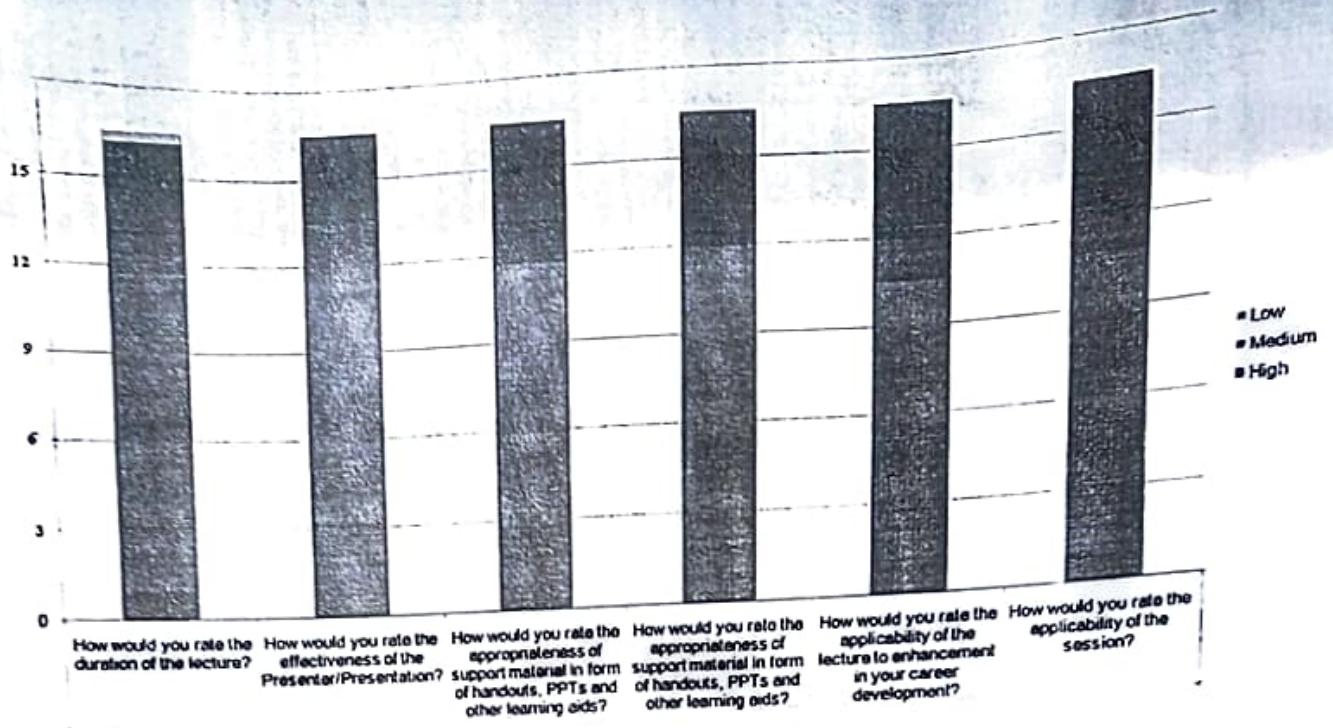
**30 hours Value Added Course** for participating in  
for "Hands on course on Deep Learning using Python"  
organised by Department of Computer Engineering & IQAC of  
K.C. College of Engineering & Management Studies & Research,  
Thane (E) from 4th July 2020 to 20th July 2020.

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Co-ordinator

**Dr. Vilas Nitnaware**  
Principal



*Handwritten signature*



7/5/2020 17:19:55	prechinuse@gmail.com	Preeti Nause	Computer	5	5	No suggestions. Actually its good as we learned everything from basics.	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IWYS8VAM0001DNH12gGASAKZwHUG50A	https://drive.google.com/file/d/1WYS8VAM0001DNH12gGASAKZwHUG50A/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:22 AM
7/5/2020 17:21:25	haneshk@kocconar.edu.in	Hareesh Lad	IT	5	5	NA	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1e6s_LKdJc0Q9e6eQR0TApz6AC70eEm	https://drive.google.com/file/d/1e6s_LKdJc0Q9e6eQR0TApz6AC70eEm/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:22 AM
7/5/2020 17:21:52	devika.olzar@kocconar.edu.in	Devika Olzar	Computer	5	5	It was Good session	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	19_4SIS16KJTeqzB3Q7gabBIMidgC6	https://drive.google.com/file/d/19_4SIS16KJTeqzB3Q7gabBIMidgC6/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:22 AM
7/5/2020 17:21:59	aditya.nashikar123@kocconar.edu.in	Aditya Bagwalwar	Computer	5	5	great	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1DmVOLL1zFAN-j147mmzYezwYvWjBx5eZ	https://drive.google.com/file/d/1DmVOLL1zFAN-j147mmzYezwYvWjBx5eZ/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:22 AM
7/5/2020 17:22:09	subi.puthal@gmail.com	Subi Puthal	IT	5	5	good session	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1e0X-f6eNINMPB-d5mPwYm9_QBC3gH	https://drive.google.com/file/d/1e0X-f6eNINMPB-d5mPwYm9_QBC3gH/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:22 AM
7/5/2020 17:23:16	arvindshah@kocconar.edu.in	Tanish Arvind Virendra	Computer	5	5	Best and in-detail learning of code. Thank you maam	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1OW9UD40nb5E94FMD13gK3ib0e6pAul	https://drive.google.com/file/d/1OW9UD40nb5E94FMD13gK3ib0e6pAul/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:22 AM
7/5/2020 17:23:45	prithvyputhal24@gmail.com	Prithvi Parthar	Computer	5	5	No suggestion	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1e80UV623E431H0zqVXDEp_TB0GQ3080	https://drive.google.com/file/d/1e80UV623E431H0zqVXDEp_TB0GQ3080/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:22 AM
7/5/2020 17:24:58	shardulmulya@kocconar.edu.in	Shardul Mulya	Computer Engineering	5	5	None.	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1zmp4eY07d70-EPYcFq0eShw400	https://drive.google.com/file/d/1zmp4eY07d70-EPYcFq0eShw400/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:23 AM
7/5/2020 17:31:25	subiminzabi7777@gmail.com	Subi Minzabi	IT	4	4	Nothing	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1SRqK1d45AM4p71DXyALY0K4eRwPCBT	https://drive.google.com/file/d/1SRqK1d45AM4p71DXyALY0K4eRwPCBT/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:23 AM
7/5/2020 17:31:28	manvirisingh@kocconar.edu.in	Manvir Singh	Computer	4	4	none	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1X0Bv_YCSDe-RDRq1rA4eDRpKxXy0DV	https://drive.google.com/file/d/1X0Bv_YCSDe-RDRq1rA4eDRpKxXy0DV/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:23 AM
7/5/2020 17:31:28	amirshahid1928@gmail.com	Amirz Shahid	computer	5	5	na	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1RU-XmCt_ac0hufPzqzNEZKCCCEt6bDH	https://drive.google.com/file/d/1RU-XmCt_ac0hufPzqzNEZKCCCEt6bDH/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madhusai@kocconar.edu.in; Timestamp: Apr 5 2021 7:23 AM

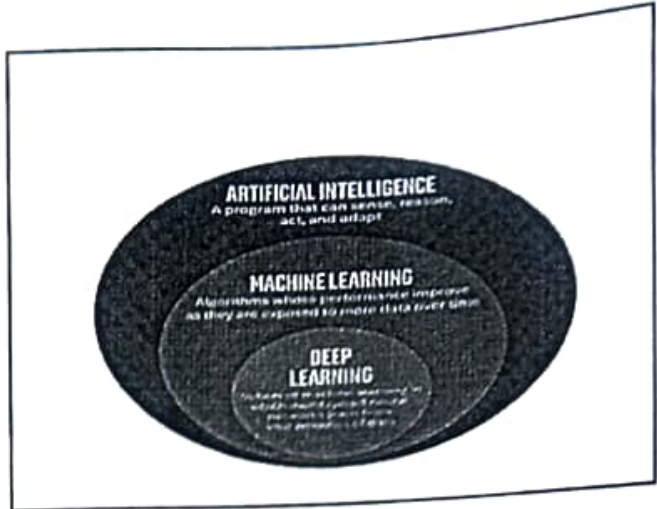


7/1/2020 18:06:16	prachiniaz@gmail.com   Prachi Niaz	Computer	5	5	No suggestions	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	I_u_huamntLpzt1ad.WZ7 AJU-09XCS6FDM	https://drive.google.com/... WZZAUL- 692X56FDM/View=2w -divv5d8	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:23 AM
7/1/2020 18:06:33	sharshad@kocconer.edu.in   Sharshad	IT	3	3	NA	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1XEYFB34C2A9T- P0YFC0oByQZVUwCw Q	https://drive.google.com/... XEVYB34C2A9T P0YFC0oByQZVUwCw Q	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:23 AM
7/1/2020 18:06:42	prachiniaz@gmail.com   Prachi Niaz	Computer	5	5		Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IqA8Kp4nNSMOAyrU oXyn_9114DmNcI	https://drive.google.com/... IqA8Kp4nNSMOAyrU oXyn_9114DmNcI	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:06:46	shashimulay@kocconer.edu.in   Shashimulay	Computer Engineering	5	5	None	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IUP68VwNOHYyGKAJ5 epHYKkUK_M_15B	https://drive.google.com/... IUP68VwNOHYyGKAJ5 epHYKkUK_M_15B	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:06:51	manojkumar@kocconer.edu.in   Manoj Kumar	Computer	4	4	none	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1ambXF- pAMQRI1MAQxam1aci LIT7cNPz	https://drive.google.com/... 1ambXF- pAMQRI1MAQxam1aci LIT7cNPz	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:06:59	prashankhatri@kocconer.edu.in   Prashankhatri	comps	4	4	More practical work needed	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1QCqbbw504XQz3aR 7HFN1c0E1ev	https://drive.google.com/... 1QCqbbw504XQz3aR 7HFN1c0E1ev	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:07:09	prachiniaz@gmail.com   Prachi Niaz	Computer	3	3	No suggestions	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1efu8bcYx11U05TDw JQ1Q3t-cDnsd	https://drive.google.com/... 1efu8bcYx11U05TDw JQ1Q3t-cDnsd	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:07:09	manojkumar@kocconer.edu.in   Manoj Kumar	Computer	5	3	NA	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1p- ADM4ueHgYz_AJAB4F3 6502cxw6by	https://drive.google.com/... 1p- ADM4ueHgYz_AJAB4F3 6502cxw6by	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:07:49	shashimulay@kocconer.edu.in   Shashimulay	IT	5	5	Pls share recording and ppt	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1T74T1wK5QWY77m7h 1bMS018M-6aW04	https://drive.google.com/... 1T74T1wK5QWY77m7h 1bMS018M-6aW04	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:07:53	prachiniaz@gmail.com   Prachi Niaz	Computer	5	5	Content is better which helps to get practically implementation of deep learning concepts of rnn and rnn	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	114j0WUEWAg61qoR62 w5aE761umibP	https://drive.google.com/... 114j0WUEWAg61qoR62 w5aE761umibP	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:24 AM
7/1/2020 18:07:53	shashimulay@kocconer.edu.in   Shashimulay	IT	4	4	Nothing	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1pWwKandYl- NNh32mNfXOHLj6	https://drive.google.com/... 1pWwKandYl- NNh32mNfXOHLj6	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subochana.madachane@kocconer.edu.in; Timestamp: Apr 5 2021 7:25 AM



7/12/2020 16:36:35	manvishig@kocconar.edu.in	Manvi Singh	Computer	4	4	none	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	14IPMTx74UhpJPE6yGhu_Q7Nq65HqM	https://drive.google.com/file/d/1UPH4M7M7h0JPE6yGhu_Q7Nq65HqM/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:25 AM
7/12/2020 16:36:40	shardulmishra@kocconar.edu.in	Shardul Mishra	Computer Engineering	5	5	None.	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IXRBJW7Bq1eQ1JmNwRUkTVeplcye	https://drive.google.com/file/d/1XRBW7Bq1eQ1JmNwRUkTVeplcye/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:25 AM
7/12/2020 16:36:44	adityabagwadkar@kocconar.edu.in	Aditya Bagwadkar	Comps	5	5	great	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1A3DwOQ2Ww_JAPmoY9IQABTCJHCNi	https://drive.google.com/file/d/1A3DwOQ2Ww_JAPmoY9IQABTCJHCNi/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:25 AM
7/12/2020 16:37:12	prahladprahlad26@gmail.com	Prahlad Parthar	Computer	5	5	.	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1HLpXCYUpDraNtbcB9Nad1N00N_Uk	https://drive.google.com/file/d/1HLpXCYUpDraNtbcB9Nad1N00N_Uk/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:25 AM
7/12/2020 16:37:29	shahidpulkal@gmail.com	Shahid Pulkal	IT	5	5	Please share recording of session.	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IUKCY160Aqa_KCLyBqWm231SKw0mab	https://drive.google.com/file/d/1IUKCY160Aqa_KCLyBqWm231SKw0mab/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:26 AM
7/12/2020 16:37:49	arvindshah@kocconar.edu.in	Arvind Aravinda Vitendra	Computers	4	4	Yes will try to modify a get nearby accuracy for code Thank you ma'am	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1FE_M39N0HRK9s17Yt7d21wGAPNANy	https://drive.google.com/file/d/1FE_M39N0HRK9s17Yt7d21wGAPNANy/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:26 AM
7/12/2020 16:38:09	prachalnirmase@kocconar.edu.in	Prachi Nirmase	Computer	5	5	No Suggestions	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	10SgwEBWFw3Yv6Yv1045g1wpwJDBapVwY	https://drive.google.com/file/d/10SgwEBWFw3Yv6Yv1045g1wpwJDBapVwY/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:26 AM
7/12/2020 16:41:44	amitakushid@kocconar.edu.in	Amita Kushid	Computer	5	5	NA	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	120EzAMqPPTm00cW7HmDCQpwc3T	https://drive.google.com/file/d/120EzAMqPPTm00cW7HmDCQpwc3T/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:26 AM
7/12/2020 16:49:22	amitakushid@kocconar.edu.in	Amita Kushid	Computer	5	5	NA	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1oYQpb7TqZuab3pveQMPKID-D-w29	https://drive.google.com/file/d/1oYQpb7TqZuab3pveQMPKID-D-w29/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:26 AM
7/12/2020 19:21:08	smailmirnabi7777@gmail.com	SMAIL Mirnabi	IT	4	4	Nothing	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	17vCub3P-UuwoCMBvzDKJW31-0ymv	https://drive.google.com/file/d/17vCub3P-UuwoCMBvzDKJW31-0ymv/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:26 AM
7/12/2020 16:49:56	prahladprahlad26@gmail.com	Prahlad Parthar	Computer	5	5	NA	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	1VNheqGwRdQ0am05Eol-QwD-mNr_0uh	https://drive.google.com/file/d/1VNheqGwRdQ0am05Eol-QwD-mNr_0uh/view?usp=drivefs	Certificate	Document successfully created; Document successfully merged; PDF created; Manually run by subchana.madachane@kocconar.edu.in; Timestamp: Apr 5 2021 7:26 AM

7/19/2020 14:27:51	sahilprabhal@gmail.com	Sahil Prabhhal	IT	5	5	5	Pls send today's recording and lyrics file.	Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IODDVKAVYOVzmk74 aWv8thafK6Ap34eN	https://drive.google.com/166U0ZDVKAVYOVzmk74aWv8thafK6Ap34eN/view?usp=drivefs	Certificates	Document successfully created; Document successfully merged; PDF created; Manually run by subodhna.mahachand@kccemr.edu.in; Timestamp: Apr 5 2021 7:27 AM
7/19/2020 14:28:11	amitakashid@kccemr.edu.in	Amita Kashid	Computer	5	5	NA		Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IOK3mYgW7J0eRIFm evWRlJppYpXqyz	https://drive.google.com/166U0ZDVKAVYOVzmk74aWv8thafK6Ap34eN/view?usp=drivefs	Certificates	Document successfully merged; PDF created; Manually run by subodhna.mahachand@kccemr.edu.in; Timestamp: Apr 5 2021 7:27 AM
7/19/2020 14:28:19	arvindbhandel@kccemr.edu.in	Tandel Arvinda	Computer	4	4	Practical content		Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IMaDfY5iGmZFNZA 2Op_gnwOhyJ8VU	https://drive.google.com/166U0ZDVKAVYOVzmk74aWv8thafK6Ap34eN/view?usp=drivefs	Certificates	Document successfully created; Document successfully merged; PDF created; Manually run by subodhna.mahachand@kccemr.edu.in; Timestamp: Apr 5 2021 7:27 AM
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7/19/2020 14:29:01	prachi@prachis4741@gmail.com	Prachi Nimase	Computer	4	5	Nothing		Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	IA50Y0aPFO5UJQJ1 SPWvdPyea-M1	https://drive.google.com/166U0ZDVKAVYOVzmk74aWv8thafK6Ap34eN/view?usp=drivefs	Certificates	Document successfully created; Document successfully merged; PDF created; Manually run by subodhna.mahachand@kccemr.edu.in; Timestamp: Apr 5 2021 7:27 AM
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7/20/2020 14:45:59	sahilmirabhi7777@gmail.com	Sahil Mirabhi	IT	4	4	None		Starting at Mon Apr 05 2021 06:52:17 GMT-0400 (EDT)	Im37y4UWwB-cG72JC FwTOw8ANzLzLX	https://drive.google.com/166U0ZDVKAVYOVzmk74aWv8thafK6Ap34eN/view?usp=drivefs	Certificates	Document successfully created; Document successfully merged; PDF created; Manually run by subodhna.mahachand@kccemr.edu.in; Timestamp: Apr 5 2021 7:27 AM



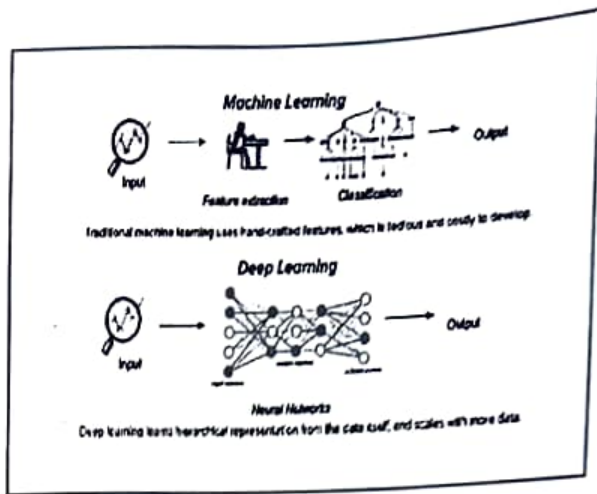
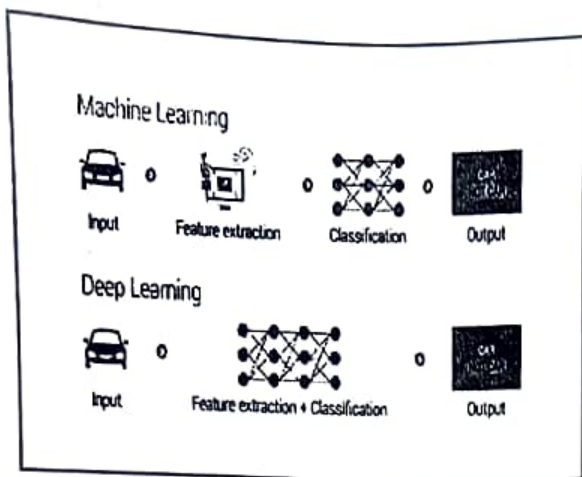
**Deep Learning Vs Machine Learning**

Feature	Deep Learning	Machine Learning
Data Requirement	Requires large data	Can train on lesser data
Accuracy	Provides high accuracy	Gives lesser accuracy
Training Time	Takes longer to train	Takes less time to train
Hardware Dependency	Requires GPU to train properly	Trains on CPU
Hyperparameter Tuning	Can be tuned in various different ways.	Limited tuning capabilities

**Features**

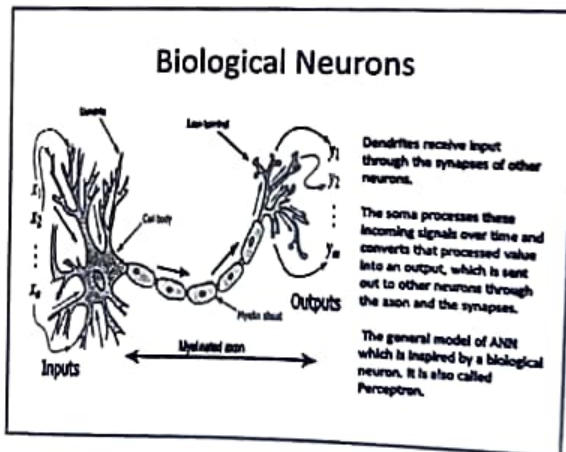
The features are the elements of your input vectors. The number of features is equal to the number of nodes in the input layer of the network.

Category	Features
Housing Prices	No. of Rooms, House Area, Air Pollution, Distance from facilities, Economic Index city, Security Ranking etc.
Spam Detection	presence or absence of certain email headers, the email structure, the language, the frequency of specific terms, the grammatical correctness of the text etc.
Speech Recognition	noise ratios; length of sounds; relative power of sounds; filter matches
Cancer Detection	Clump thickness, Uniformity of cell size, Uniformity of cell shape, Marginal adhesion, Single epithelial cell size, Number of bare nuclei, Bland chromatin, Number of normal nuclei, Mitosis etc.
Cyber Attacks	IP address, Timing, Location, Type of communication, traffic details etc.
Video Recommenda	Text matches, Ranking of the video, Interest overlap, history of seen videos, browsing patterns etc.

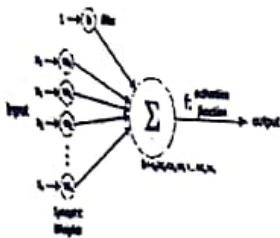


## ANN

- **Artificial Neural Networks or ANN is an information processing paradigm that is inspired by the way the biological nervous system such as brain process information. It is composed of large number of highly interconnected processing elements (neurons) working in unison to solve a specific problem.**
- A neural network can be "shallow", meaning it has an input layer of neurons, only one "hidden layer" that processes the inputs, and an output layer that provides the final output of the model.
- A Deep Neural Network (DNN) commonly has between 2-8 additional layers of neurons.



- A single layer neural network is called a Perceptron. It gives a single output.



In the above figure, for one single observation,  $x_0, x_1, x_2, x_3 \dots x(n)$  represents various inputs (independent variables) to the network. Each of these inputs is multiplied by a connection weight or synapse. The weights are represented as  $w_0, w_1, w_2, w_3 \dots w(n)$ . Weight shows the strength of a particular node.  $b$  is a bias value. A bias value allows you to shift the activation function up or down.

- These products are summed, fed to a transfer function (activation function) to generate a result, and this result is sent as output.
- The Activation function converts an input signal of a node in an ANN to an output signal. This output signal is used as input to the next layer in the stack.

## Weights

Weights correspond to each feature.

Weights denote how much the feature matters in the model.

Higher weight of a particular feature means that it is more important in deciding the outcome of the

Weights of a feature represent that how much evidence it gives in favor or against the current hypothesis in context of the existence or non-existence of the pattern you are trying to identify in the current input.

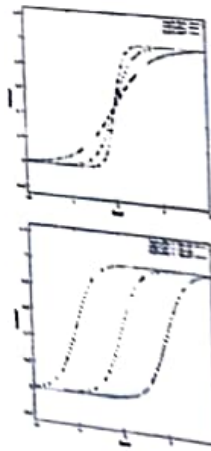
Generally weights are initialized randomly.

We try to bring them to near optimal values so that they are able to fit the model well and can help in prediction of unseen values.

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## Bias

- The bias value allows the activation function to be shifted to the left or right, to better fit the data. Changes to the weights alter the steepness of curve, whilst the bias offsets it.
- Bias only influences the output values, it doesn't interact with the actual input data and are independent of the output from previous layers.
- Biases are tuned alongside weights by learning algorithms such as gradient descent.
- If all the inputs are zero for a particular layer, still with the bias term will have non zero output



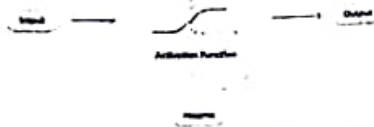
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## Activation Function

- **Activation function decides whether a neuron should be activated or not by calculating the weighted sum and further adding bias to it. The motive is to introduce non-linearity into the output of a neuron.**



## Linearity Vs. Non-Linearity

Simple multiplication of weights with inputs and giving the outputs will be linear function.

A linear function is just a polynomial of one degree and will not be able to learn complex functions.

Linear functions don't have much expressive power and will loose out when solving complex problems.

Without activation functions (which will help us to achieve non-linearity) Neural Network will not be able to learn unstructured data like images, audio data, videos and text.

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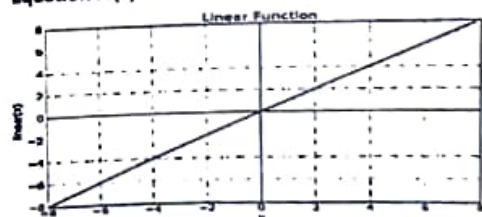
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## Activation Function

- The Activation Functions can be basically divided into 2 types-
- Linear Activation Function
- Non-linear Activation Functions

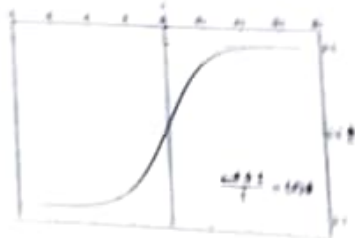
## Linear or Identity Activation Function

- As you can see the function is a line or linear. Therefore, the output of the functions will not be confined between any range.
- Equation :  $f(x) = x$



## 1. Sigmoid or Logistic Activation Function

The Sigmoid Function curve looks like a S-shape.



The main reason why we use sigmoid function is because it outputs values between 0 to 1. Therefore, it is especially used for models where we have to predict the probability as an output. Since probability of anything never vary between the range of 0 and 1, sigmoid is the right choice.

Fig. Sigmoid function

## 2. Tanh or hyperbolic tangent Activation Function

Tanh is also like logistic sigmoid but better. The range of the tanh function is from (-1 to 1) tanh is also sigmoidal.

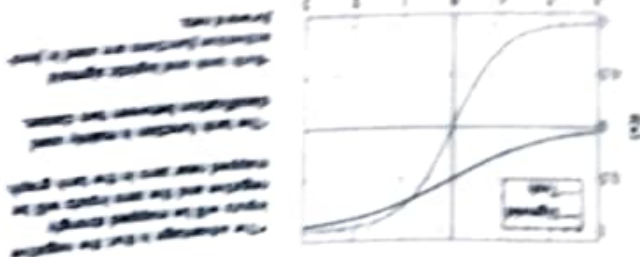


Fig. tanh or hyperbolic tangent

The advantage is that the negative inputs will be mapped strongly and the same inputs will be mapped near zero in the tanh graph. The tanh function is mainly used for classification between two classes. And tan and logistic sigmoid activation functions are used to linearly separate.

## 3. ReLU (Rectified Linear Unit) Activation Function

The ReLU is the most used activation function in the world right now. Since, it is used in almost all the computational neural networks or deep learning.

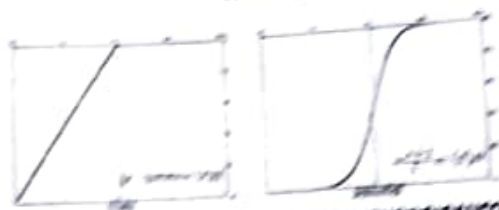


Fig. ReLU or rectified linear unit

## 4. Leaky ReLU

The main idea behind the Leaky ReLU is that the negative values should not be completely zero. The reason is because the ability of the model to learn from the data improves. The reason an activation function is used is to introduce non-linearity into the model. Without an activation function, the model is just a linear function. The Leaky ReLU is a variation of the ReLU function. It is used in almost all the computational neural networks or deep learning.

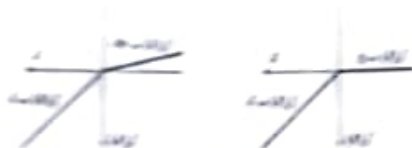


Fig. Leaky ReLU



## Softmax Function

When we have to classify in multiple categories then softmax function is useful. For example if you want to categorize pictures into

A) scene b) Animals c) Humans d) Vehicles then in that case we will have four outputs from the softmax function which will give us the probabilities of each of these categories.

Sum of the probabilities will be one and that with the highest probability will be chosen as the answer.

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## Understanding softmax

$$z^{(2)} = \begin{pmatrix} 5 \\ 2 \\ 1 \end{pmatrix}$$

$$c = \begin{pmatrix} e^5 \\ e^2 \\ e^1 \end{pmatrix}$$

$$p^{(2)} = \frac{z^{(2)}}{c} = \begin{pmatrix} e^5 / (e^5 + e^2 + e^1) \\ e^2 / (e^5 + e^2 + e^1) \\ e^1 / (e^5 + e^2 + e^1) \end{pmatrix} = \begin{pmatrix} 0.84 \\ 0.12 \\ 0.04 \end{pmatrix}$$

"Hard Max"

$$\begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$$

Softmax regression generalizes logistic regression to  $C$  classes. If  $C=2$ , softmax reduces to logistic regression.

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## Linear Regression and Logistic Regression

**Linear Regression:** For applications where output will be a real value e.g. Predicting housing price, or predicting price of a share in stock market. In most cases we have multiple dependent variables, and we call it multiple linear regression

**Logistic Regression:** For applications where the output will be a binary value (0/1). E.g. whether this Medical Image depicts Tumor or not

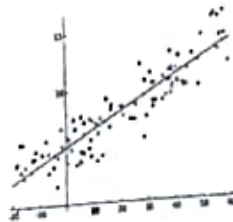
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## Linear Regression

$$MSE = \frac{1}{n} \sum_{i=1}^n (y_i - \hat{y}_i)^2$$



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### Loss Function Squaring the Error difference

#### Benefits of squaring

**Squaring** always gives a positive value, so the sum will not be zero.

**Squaring** emphasizes larger differences—a feature that turns out to be both good and bad (think of the effect outliers have).

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### Non Linear Patterns



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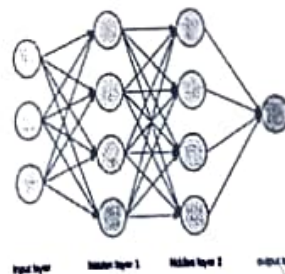
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### Logistic regression

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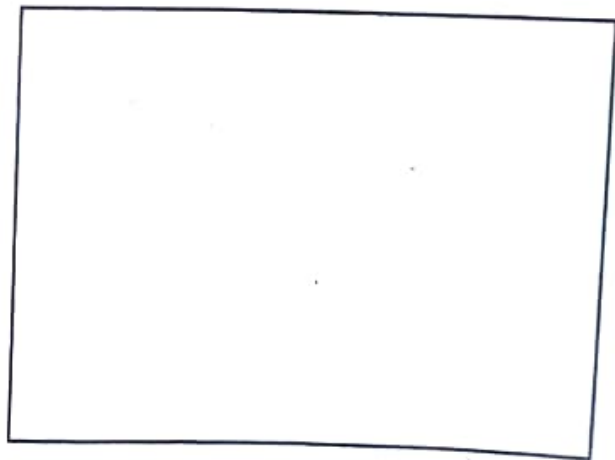
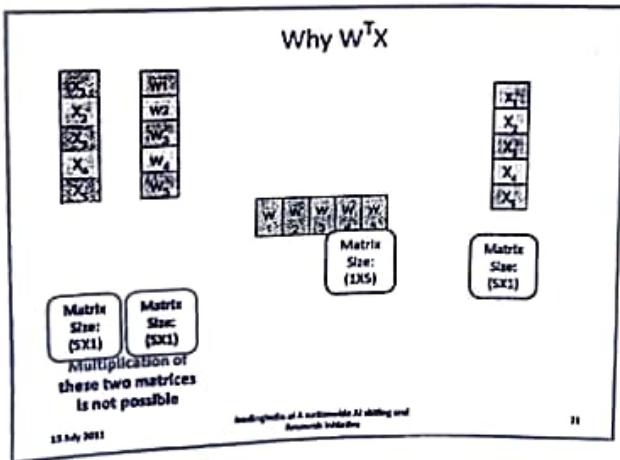
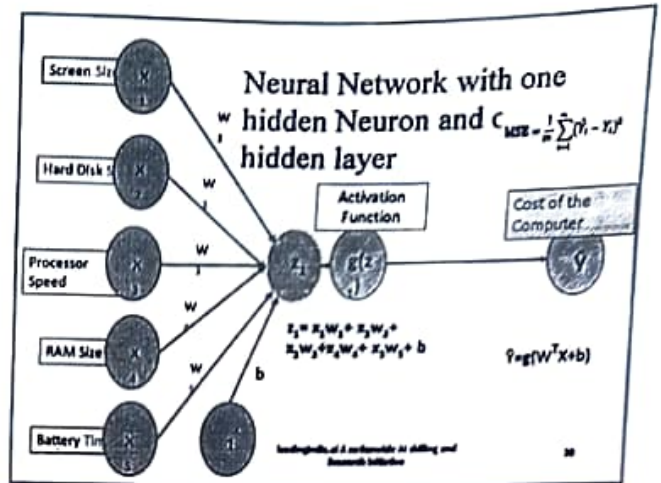
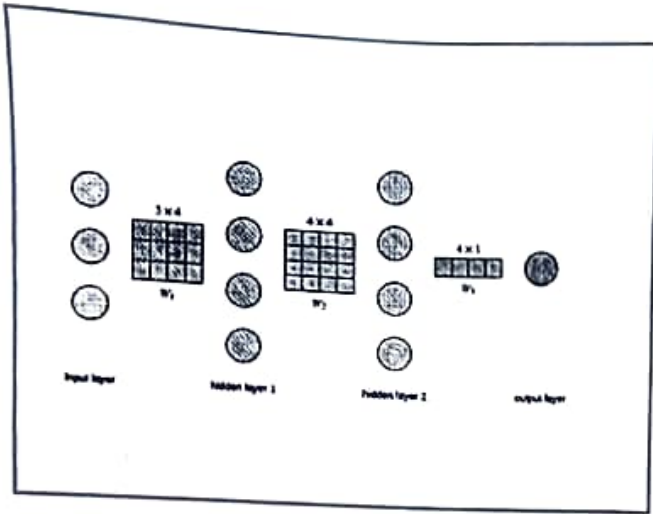
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### A Deep Neural Network



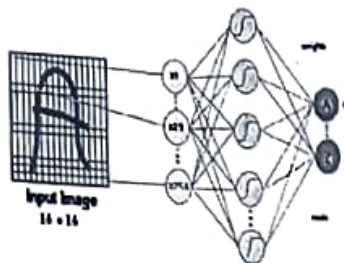
input layer    hidden layer 1    hidden layer 2    output layer

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## Multi-layer perceptron and image processing

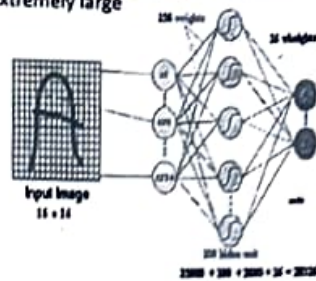


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## Even a simple 16x16 image

⊙  $256 \times 100 + 100 \text{ bias} + 100 \times 26 \text{ output neurons} + 26 \text{ bias} = 28236$

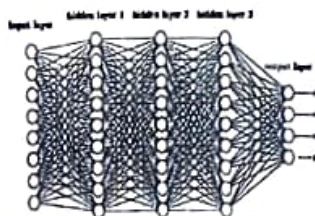
⊙ the number of trainable parameters becomes extremely large



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## ANN: Too many parameters

- We know it is good to learn a small model.
- From this fully connected model, do we really need all the edges?
- Can some of these be shared?



7/1/2011

Geoffrey Hinton, University of Toronto and Research Institute

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## CNNs Vs. ANNs

- ANNs suffer from **curse of dimensionality** when it comes to high resolution images
- We use filters (receptive fields) to exploit **spatial locality** by enforcing a local connectivity pattern between neurons of adjacent layers
- parameter sharing
- sparsity of connection

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## Convolution

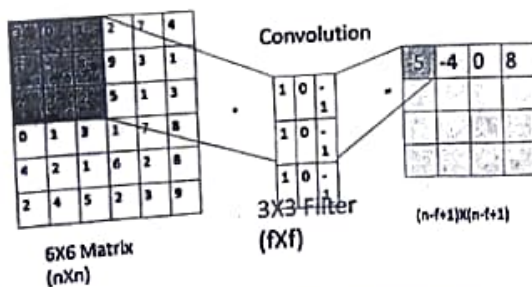
- Convolution is a pointwise multiplication of two functions to produce a third function.
- Primary purpose of convolution in CNN is to extract features from the input image.
- Matrix formed by sliding the filter over the image and computing the dot product is called the 'Convolved Feature' or 'Activation Map' or the 'Feature Map'.

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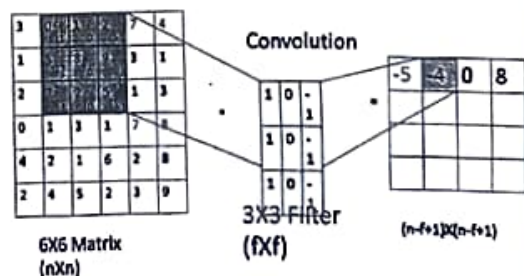
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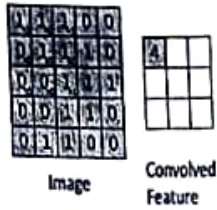
## Convolution Example



## Convolution Example



## Convolution Example

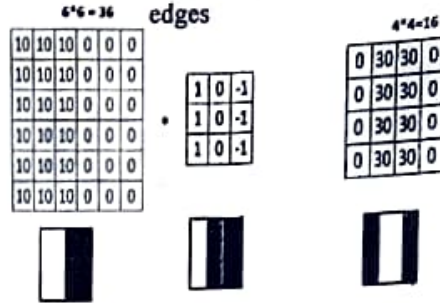


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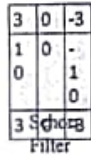
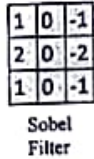
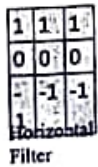
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## Detecting Vertical edges



- In case of ANN # parameter to train =  $36 \times 16 = 576$
- In case of CNN # parameter to train = 16

## Filter Weights



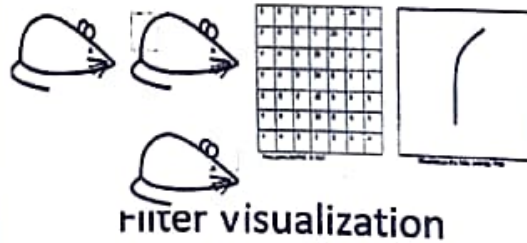
Convolutional Neural Networks automatically estimates the weights of the filter

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## More Intuition



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## Padding

Padding is used to preserve the original dimensions of the input  
 Zeros are added to outside of the input  
 Number of zero layers depend upon the size of the kernel

0	0	0	0	0	0
0	1	2	3	4	5
0	2	3	4	5	6
0	3	4	5	6	7
0	4	5	6	7	8
0	5	6	7	8	9
0	6	7	8	9	0
0	7	8	9	0	0
0	8	9	0	0	0
0	9	0	0	0	0
0	0	0	0	0	0

5x5 (with padding)



1	2	3	4
1	5	4	3
2	3	4	3
1	2	1	1
2	3	4	3
1	2	1	1

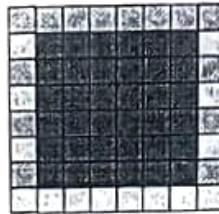
5x5

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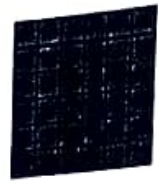
## Padding



nXn 6x6 to 8x8  
 Padding=1



f 3x3



$(n-f+1) \times (n-f+1)$  to  $(n+2p-f+1) \times (n+2p-f+1)$   
 Valid to same

Stride=s

$$\text{Floor}\left(\frac{n+2p-f}{s} + 1\right) \times \text{Floor}\left(\frac{n+2p-f}{s} + 1\right)$$

## Stride

3	0	1	2	7	4
1	5	8	9	3	1
2	7	2	5	1	3
0	1	3	1	7	8
4	2	1	6	2	8
2	4	5	2	3	9

6x6 Matrix

1	0	1
1	0	-1
1	0	1

3x3 Filter

-5	16
-3	-16

2x2

Stride=3  $\text{Floor}\left(\frac{n+2p-f}{s} + 1\right) \times \text{Floor}\left(\frac{n+2p-f}{s} + 1\right)$

Here!

2/11/2023

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## Channels



6x6 Matrix



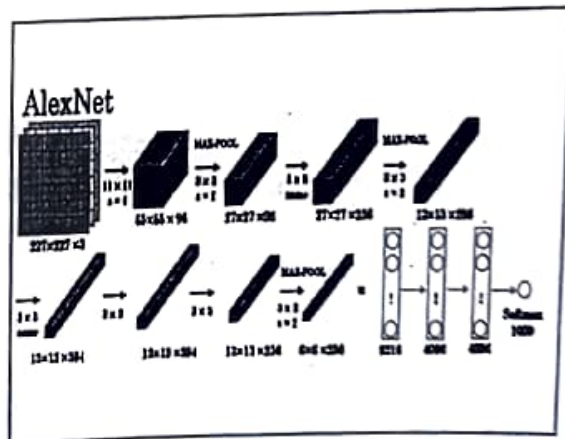
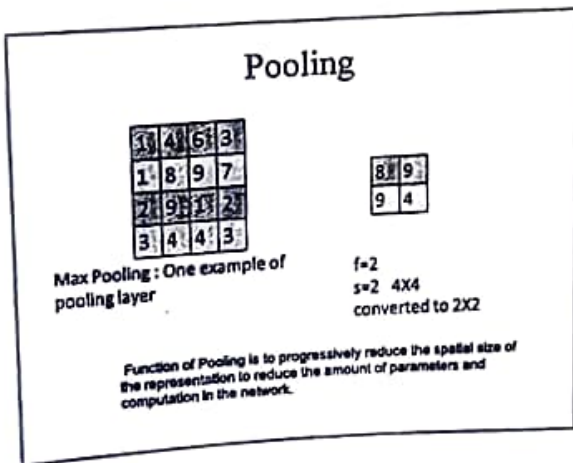
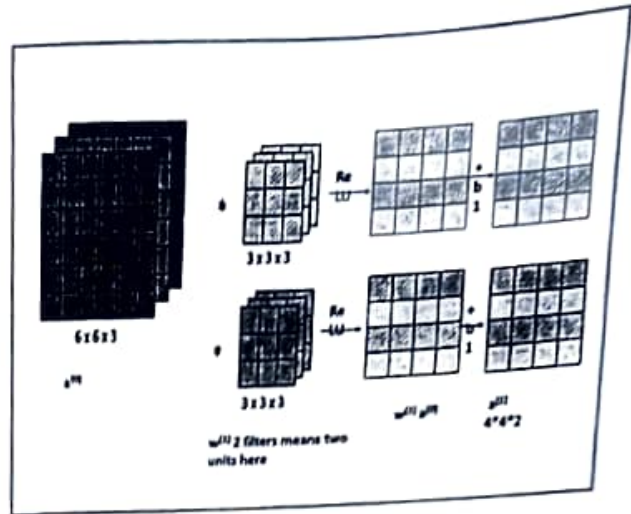
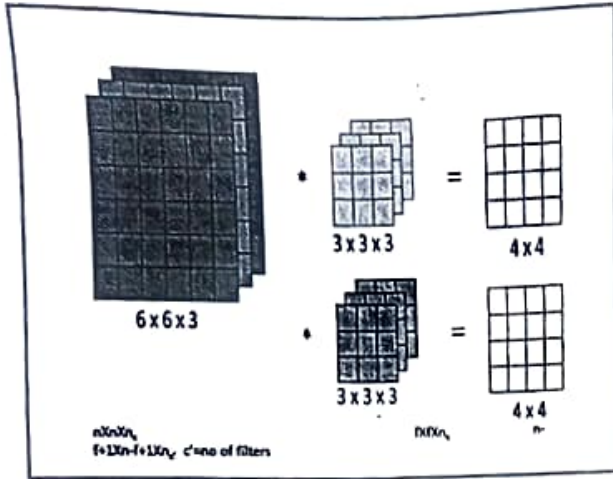
3x3 Filter



4x4

Padding=0  
 Stride=1

*Handwritten signature*





## Famous CNN Models

- LeNet - 1998
- AlexNet - 2012
- ZfNet - 2013
- GoogLeNet - 2014
- VGGNet - 2014
- ResNet - 2015
- Inception v3 - 2016
- MobileNet - 2017
- SqueezeNet - 2017

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## Innovative use of 1X1 Convolution Filter

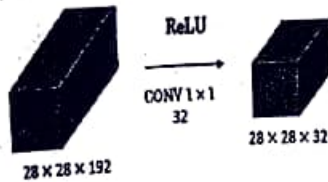


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## Shrinking of Channels

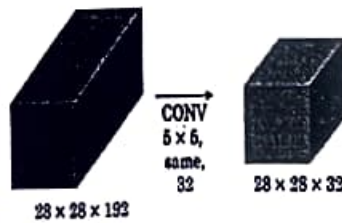


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## Problem of Computational Cost



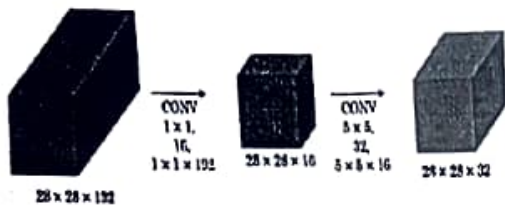
$28 \times 28 \times 32 \times 5 \times 5 \times 192 = 120 \text{ Million}$   
Calculations

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### Using 1X1 Convolution to reduce the cost



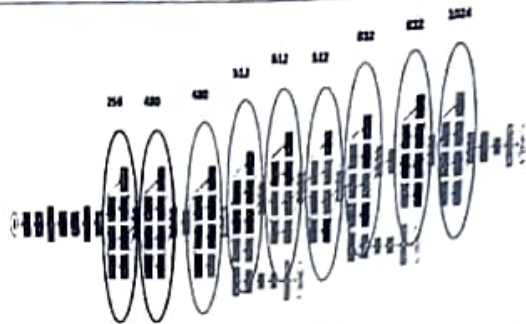
$$28 \times 28 \times 16 \times 192 + 28 \times 28 \times 32 \times 5 \times 5 \times 16 = 12.4 \text{ Million Calculations}$$

7/15/2015

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### Inception Network and Inception Block

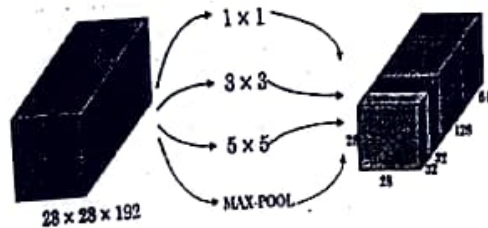


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### Inception Network

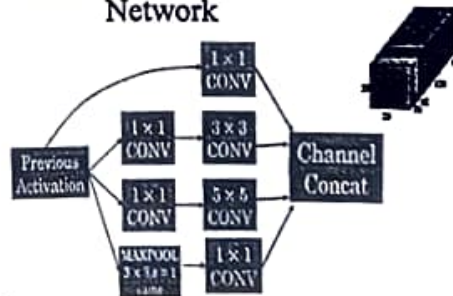


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### Single Unit of Inception Network



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## Open Source Implementations

- Developers has spent months in developing some good open source networks
- Many of them have access to high-speed GPUs and have the capacity to do lot of experimentation for months
- It is always good to start with a known open source implementation
- Search <name of the network> Github
- you will get few links pointing you to Github profiles of individuals who have put these network models along with the learned weights online
- Download or clone these network depending upon whether you are working on the your machine or remotely on a notebook
- Use this trained model fully or partially depending upon your requirements

7/1/2015

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## Transfer Learning

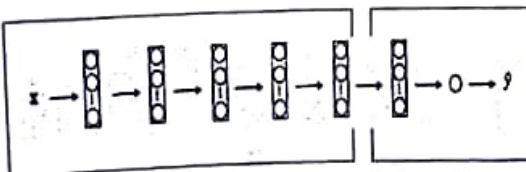
- Sharing the Knowledge gained solving one problem and applying to a different but related problem
- Transfer Learning is next popular driver of deep learning after supervised learning
- The feature spaces of the source and target domain are different, e.g. the documents are written in two different languages.
- The marginal probability distributions of source and target domain are different, e.g. the documents discuss different topics.
- Simulation training is becoming a hot area within the sphere of Deep Learning. Few labs have also started using AR/VR Technologies to be integrated for making advance learning models for some of the critical problems area

7/1/2015

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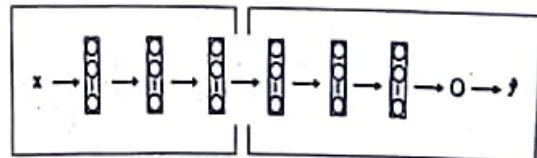
## Transfer Learning – Small Data



- Finding a Bengal Cat or British Cat where you have small dataset of these categories of cats
- You can download a cat classifier and train last few layers on your data specifically
- In Popular Deep Learning platforms, now you have good support for transfer learning
- Functions like Trainable, Parameters and Freezing specific layers

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## Transfer Learning-Mid Size Data

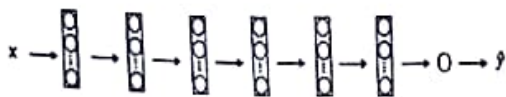


In this category we use initial set of layers from the open source model and use the trained weight values. For the remaining layers there are two ways to handle: a) either we can train the layers from start or b) we can start the weight optimization from the existing set of weights that we have received from the open source model

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## Transfer Learning- Enough Data



In scenarios, where we have enough data to train our new model, open source model may still be useful. We can use the pre-trained weights of the model from the same domain and consider that as a starting point for our model. It may be much easier and faster to adapt these model for new set of data that we want to train upon.

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## Object Localization and detection

Image classification



Car or Not

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Classification with localization



Usually Single Object

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Detection



Multiple Objects

64

## Classification with localization



Pedestrian  
Car  
Motorcycle  
background

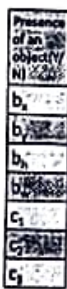
SOFM as of four classifiers  
bx, by  
bh, bw

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## Defining the target label



$$L(p, y) = (p_x - y_x)^2 + (p_y - y_y)^2 + (p_z - y_z)^2 + (p_a - y_a)^2 + (p_b - y_b)^2 + (p_c - y_c)^2$$


also  $(p_x - y_x)^2$

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## Landmark Detection




Face?
L1, L1,
L2, L2,
L3, L3,
:
:
:
:
:
:
:
:
:
:
:
:
:
L6, L6

Order/Sequence of the landmarks is predefined

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154, L6


## Anchor Box for overlapping obj.



Each object in the training image is assigned to grid cell that contains objects midpoint and anchor box for the grid cell with Highest IoU


$y = \begin{matrix} p_c \\ b_x \\ b_y \\ b_x \\ c_x \\ c_y \\ p_c \\ b_x \\ b_y \\ b_x \\ c_x \\ c_y \end{matrix}$

Anchor box 1: Anchor box 2:



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154, L6

## Yolo Algorithm (combines all the pieces together)




Each Grid Cell will produce a 16 size output vector

2 is the Number of Anchor boxes and 8 is the no of output points in the given vector for each object to be detected

$y = \begin{matrix} b_x \\ b_y \\ b_x \\ c_x \\ c_y \\ b_x \\ b_y \\ b_x \\ c_x \\ c_y \end{matrix}$

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## Siamese Network for Single Shot learning



Parameters of NN define an encoding  $f(x^{(i)})$

Learn parameters so that:

- If  $x^{(i)}, x^{(j)}$  are the same person,  $\|f(x^{(i)}) - f(x^{(j)})\|^2$  is small.
- If  $x^{(i)}, x^{(j)}$  are different persons,  $\|f(x^{(i)}) - f(x^{(j)})\|^2$  is large.



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4/20/2021

5.1.2. Awareness in trends in Tech - Java 2019-20  
KC TPO <kctpo@kccemsr.edu.in>



# Python Course Content

3 messages

Fri, Jul 12, 2019 at 4:19 PM

**CMP Infotech** <chirag@cmpinfotech.com>  
To: kctpo@kccemsr.edu.in

Hello Sir

Please see the attached Course Content:

Duration: 3 Days

Certification Cost: 3500/-

--  
**CMP Infotech**  
**Chirag Panchal**  
**MCP, MCTS, MCPD, MCT**  
**Microsoft Certified Trainer**  
**Mob: 9222086064**  
**www.cmpinfotech.com**

**Python Exam 98-381.docx**  
23K

Fri, Jul 12, 2019 at 5:16

**Ravi Prakash** <kctpo@kccemsr.edu.in>  
To: pratap.nair@kccemsr.edu.in

[Quoted text hidden]

--  
**Dr. Ravi Prakash**  
**Associate Professor.**  
**Training and Placement Officer**  
**Member, Maharashtra Training & Placement Association(MaTPO)**  
**K C College of Engineering & Management Studies and Research**  
**Thane (Maharashtra)**  
**NAAC Accredited B++**  
**022-25327100**  
**022-25326088**  
**Extn: 212**  
**M: 9768809537, 9702580753**



**Python Exam 98-381.docx**  
23K

Sat, Jul 13, 2019 at 10

**CMP Infotech** <chirag@cmpinfotech.com>  
To: kctpo@kccemsr.edu.in

**Dr. Vilas N. Nitnawara**  
**Principal**  
**K.C. College of Engineering &**  
**Management Studies & Research.**

Hello Sir  
Please see below Certification Link for Python

<https://mail.google.com/mail/u/0?ik=169aea941e&view=pt&search=all&permthid=thread-f%3A1638849402262518141&simpl=msg-f%3A1638849402262518141>



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**Proposal for Activity (Version 1.2)**

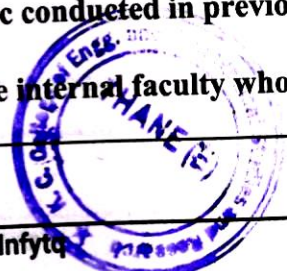
Academic Year: 2019-20

**I. Basic Details:**

Name of The Activity: Microsoft Java/Python certification			
Proposed Day & Date of Conduction	Name of Faculties Coordinator	Department	Coordinator 's email & Phone no.
19th - 23rd July 2019	Dr. Ravi Prakash A.P. Pratap Nair A.P. Yamini Patil A.P. Archana Gupte	T & P Cell	9768809537, 9821402862, 8888818292, 9167821352
Time (Duration in hours)	Venue	Activity for class/group Student/Neighborhood (Target number)	Nature: Academic/co-curricular / extracurricular/ Environmental/ social/ other
24	KCCEMSR	41	extracurricular

**II. Brief Information about the Activity (Criterion no - ):**

Topic/ Subject of the activity	Java/Pyhton certification course
	Choose any one from the following Topic from syllabus Content beyond syllabus Bridge Course
	Choose any one from the following Value added course Add-on on course
	Was the above topic conducted in previous 2 A.Y.? If Yes, Name of the internal faculty who attended the same training in previous 2 A. Y. _____
Objective for conducting the activity	To train students for Infyqa

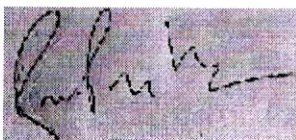


*[Handwritten signature]*

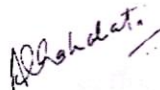
<b>Name of External Speaker / Guest</b>	Mr. Chirag Panchal, CMP Infotech
<b>Has guest visited in last two year in your department?</b>	YES <input type="checkbox"/> No <input type="checkbox"/> If yes When _____ What was the topic of delivery? _____
<b>Is guest an alumni</b>	YES <input type="checkbox"/> No <input type="checkbox"/> If Yes, alumni faculty coordinator sign _____
<b>Methodology</b>	Audio-Visual, Blackboard Teaching
<b>Program Outcome</b>	PO1, PO5, PO8, PO9, PO11, PO12
<b>Course Outcome</b>	NA
<b>Any other workshop or guest lecture or training planned for the same audience in this semester (If yes, please specify)</b>	
<b>Budget Required</b>	(if yes, please specify the amount and use Annexure I for justification as attachment) Rs 143500/-

HoD Sign

Approval Status: Yes/No (To be ticked by competent authority with name and signature)



Coordinator Signature



IQAC Coordinator



Principal



\*\* Note :

1. Do not edit any section of this form
2. Please mention not applicable for the fields as per your requirement.



Dr. Vilas





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**Training & Placement Cell (A.Y. 2019-20)**  
Post event report

<b>Name of event</b>	<b>Microsoft Python certification</b>
<b>Date of event</b>	19, 22 and 23 rd July 2019
<b>Venue</b>	KCCEMSR
<b>Time</b>	10: AM to 6:00 PM/ as and when required
<b>Name of Speaker</b>	<b>Mr Chirag Panchal</b>
<b>Speaker Profile</b>	<b>Trainer CMP Infotech</b>
<b>Participants</b>	UG Engg(Comp/IT/EXTC)
<b>No of students Attended</b>	41
<b>Objectives</b>	To prepare students better for campus hiring
<b>Description</b>	<b>41 students from Computer/IT and EXTC have completed the Microsoft Python training certification.</b>



**Dr. Vilas N. Nitnaware**  
Principal  
Department of Engineering,  
Management Studies & Research

## Exam 98-388



### Introduction to Programming Using Java

---

#### Understand Java fundamentals (15-20%)

- Describe the use of main in a Java application
  - Signature of main, why it is static; how to consume an instance of your own class; command-line arguments
- Perform basic input and output using standard packages
  - Print statements; import and use the Scanner class
- Evaluate the scope of a variable
  - Declare a variable within a block, class, or method

---

#### Work with data types, variables, and expressions (40-45%)

- Declare and use primitive data type variables
  - Data types, including byte, char, int, double, short, long, float, boolean; identify when precision is lost; initialization; how primitives differ from wrapper object types such as Integer and Boolean
- Construct and evaluate code that manipulates strings
  - String class and string literals, comparisons, concatenation, case and length; String.format methods; string operators; converting a primitive data type to a string; the immutable nature of strings; initialization; null
- Construct and evaluate code that creates, iterates, and manipulates arrays and array lists
  - One- and two-dimensional arrays, including initialization, null, size, iterating elements, accessing elements; array lists, including adding and removing elements, traversing the list
- Construct and evaluate code that performs parsing, casting and conversion
  - Implementing code that casts between primitive data types, converts primitive types to equivalent object types, or parses strings to numbers
- Construct and evaluate arithmetic expressions

- Arithmetic operators, assignment, compound assignment operators, operator precedence

---

#### Implement flow control (15-20%)

- Construct and evaluate code that uses branching statements
  - if, else, else if, switch; single-line versus block; nesting; logical and relational operators
- Construct and evaluate code that uses loops
  - while, for, for each, do while; break and continue; nesting; logical, relational, and unary operators

---

#### Perform object-oriented programming (10-15%)

- Construct and evaluate a class definition
  - Constructors; constructor overloading; one class per .java file; this keyword; inheritance and overriding at a basic level
- Declare, implement, and access data members in a class
  - private, public, protected; instance data members; static data members; using static final to create constants; describe encapsulation
- Declare, implement, and access methods
  - private, public, protected; method parameters; return type; void; return value; instance methods; static methods; overloading
- Instantiate and use a class object in a program
  - Instantiation; initialization; null; accessing and modifying data members; accessing methods; accessing and modifying static members; importing packages and classes

---

#### Compile and debug code (5-10%)

- Troubleshoot syntax errors, logic errors, and runtime errors
  - print statement debugging; output from the javac command; analyzing code for logic errors; console exceptions after running the program; evaluating a stack trace
- Implement exception handling
  - try catch finally; exception class; exception class types; display exception information

# Exam 98-381



## Introduction to Programming Using Python

### Perform Operations using Data Types and Operators (20-25%)

- Evaluate an expression to identify the data type Python will assign to each variable
  - Identify str, int, float, and bool data types
- Perform data and data type operations
  - Convert from one data type to another type; construct data structures; perform indexing and slicing operations
- Determine the sequence of execution based on operator precedence
  - Assignment; Comparison; Logical; Arithmetic; Identity (is); Containment (in)
- Select the appropriate operator to achieve the intended result
  - Assignment; Comparison; Logical; Arithmetic; Identity (is); Containment (in)

---

### Control Flow with Decisions and Loops (25-30%)

- Construct and analyze code segments that use branching statements
  - if; elif; else; nested and compound conditional expressions
- Construct and analyze code segments that perform iteration
  - while; for; break; continue; pass; nested loops and loops that include compound conditional expressions

---

### Perform Input and Output Operations (20-25%)

- Construct and analyze code segments that perform file input and output operations
  - Open; close; read; write; append; check existence; delete; with statement
- Construct and analyze code segments that perform console input and output operations
  - Read input from console; print formatted text; use of command line arguments

---

### Document and Structure Code (15-20%)

- Document code segments using comments and documentation strings
  - Use indentation, white space, comments, and documentation strings; generate documentation by using pydoc

- Construct and analyze code segments that include function definitions
  - Call signatures; default values; return; def; pass

---

#### Perform Troubleshooting and Error Handling (5-10%)

- Analyze, detect, and fix code segments that have errors
  - Syntax errors; logic errors; runtime errors
- Analyze and construct code segments that handle exceptions
  - Try; except; else; finally; raise

---

#### Perform Operations Using Modules and Tools (1-5%)

- Perform basic operations using built-in modules
  - Math; datetime; io; sys; os; os.path; random
- Solve complex computing problems by using built-in modules
  - Math; datetime; random

#### Python Functions

#### Python Modules

#### Python Classes and Object



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Campus placement Training Program Feedback Form : Microsoft Certific

Questions Responses 19

19 responses

Accepting responses

Summary Question Individual

Who has responded?

Email

- shrutishanbhag1@gmail.com
- chiragvc99@gmail.com
- nikitajawali06@gmail.com
- omkarmali743@gmail.com
- sudhashrinaik@gmail.com
- tylerdurden492@gmail.com

Java Training Rep...docx WhatsApp Image...jpeg

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Campus placement Training Program Feedback Form : Microsoft Certific

Questions Responses 19

Branch:

19 responses

Branch	Percentage
IT	47.4%
EXTC	31.6%
COMPS	21.1%

E-Mail ID:

19 responses

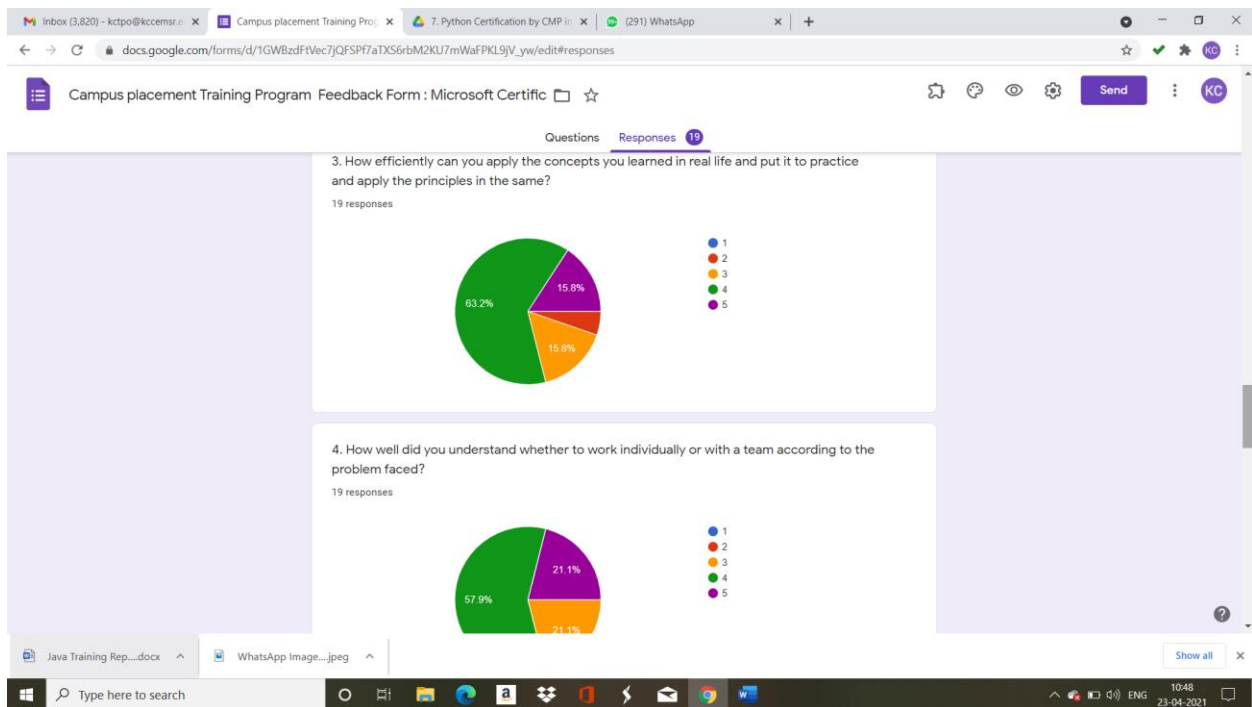
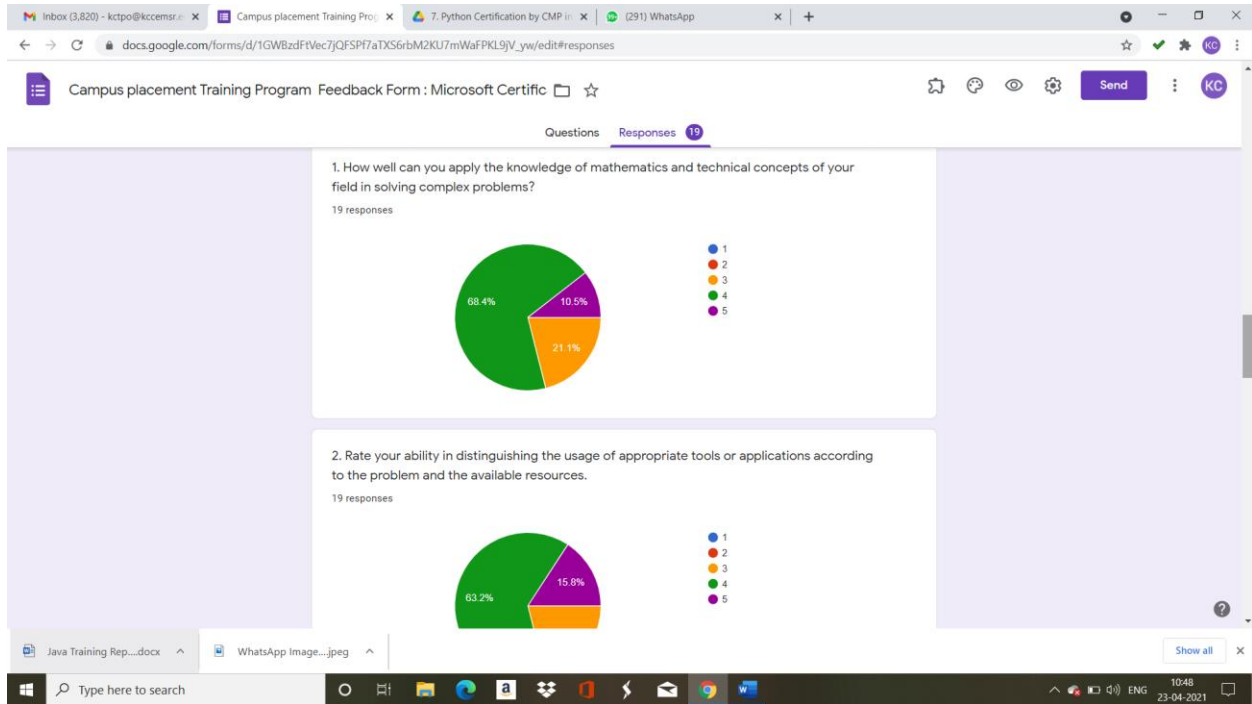
- ladkaustubhi016@gmail.com
- udhamnkar@gmail.com
- shrutishanbhag1@gmail.com
- pratik.s.deokar@gmail.com

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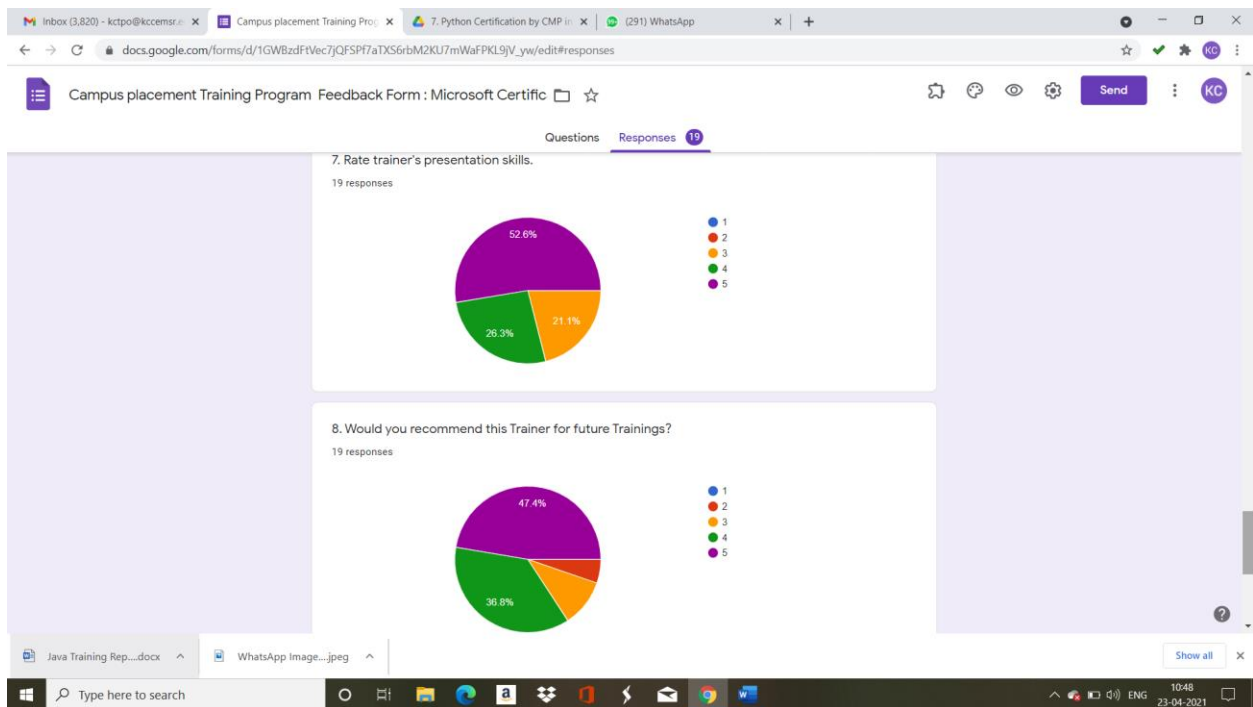
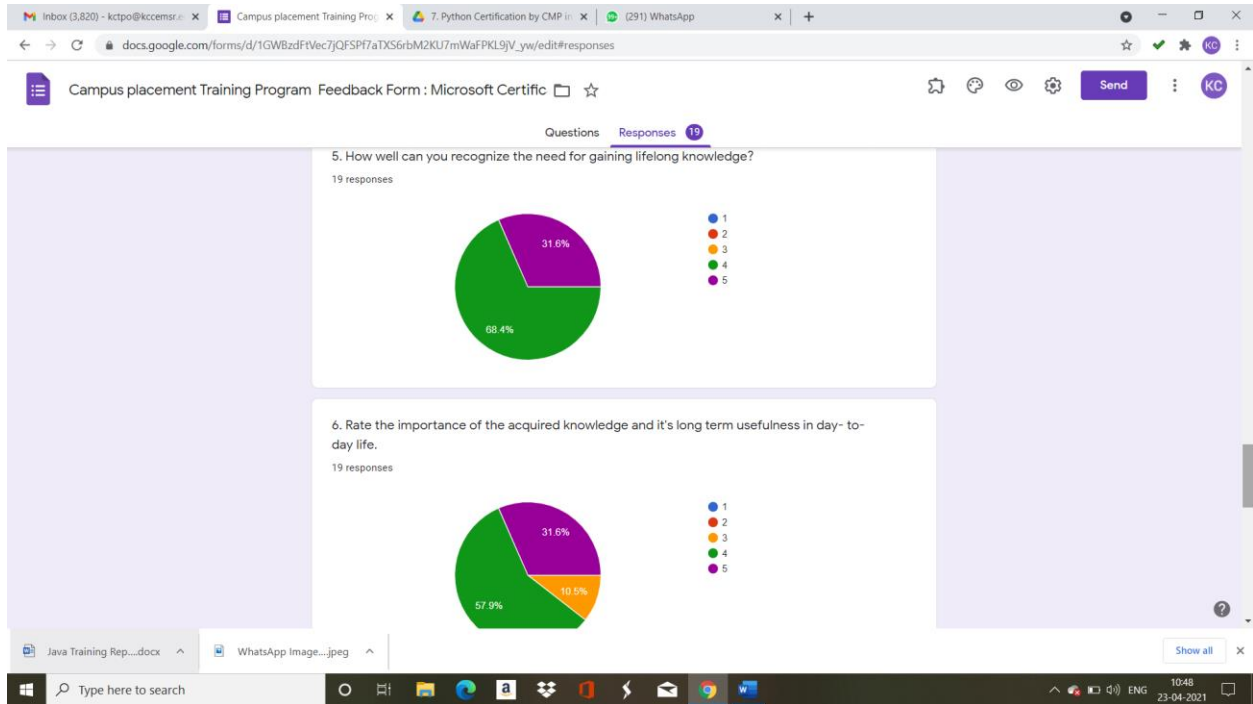


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Campus placement Training Program Feedback Form : Microsoft Certific

Questions Responses 19

36.8%

9. Overall comments and suggestions.  
5 responses

na

---

As the program was only for a couple of days, we got to learn all the concepts but didn't have time to practice lots of examples. I think if the session would have been conducted a little longer, we could have practised more. As practise in front of trainer and all by ourselves alone at home is different.

No

Not just basic, training should be industry oriented

Java Training Rep...docx WhatsApp Image...jpeg Show all

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<b>Name of Speaker</b>	<b>Mr Chirag Panchal</b>
<b>Speaker Profile</b>	<b>Trainer CMP Infotech</b>
<b>Participants</b>	UG Engg(Comp/IT/EXTC)
<b>No of students Attended</b>	41
<b>Objectives</b>	To prepare students better for campus hiring
<b>Description</b>	<b>41 students from Computer/IT and EXTC have completed the Microsoft Python training certification.</b>