

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Faculty of Technology and Engineering
Devang Patel Institute of Advance Technology and Research

Date: 02/09/2020

Feedback on Curriculum Design (AY:2019-2020)

Feedback from Stakeholders

The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations, organization, etc. The suggestions and feedbacks of stakeholders were discussed in BoS meeting and got approval in Board of studies, Academic council and made the approved changes in the syllabus.

- Students Need tough practical list also.
- Some knowledge of cloud architectures and serverless setup can come in handy. These things can be especially helpful in scenario-based conditions.
- Python should not be elective rather core subject
- Hands-on training for tools and applications like JIRA, Confluence, Monday
- Internships should start after 3rd year
- Call an actual industry professional for the subject. The expert can provide better explain the process of software engineering
- React Js and Angular Js framework needs to be add in the curriculum
- More Project Oriented Learning is Required.

Feedback from Faculty and Employer:

- No Suggestions

Action Taken

- Expert Talk are organized for all the courses as per Annexure - I.
- Some additional practicals are also included in Practical List.



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Department of Computer Science & Engineering
Devang Patel Institute of Advance technology and Research
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Annexure – I

Expert Talk

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Charotar University of Science and Technology

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Summary of Expert Talk Organized in A.Y. 2019-2020

Semester	Subject Code and Name	Name of the expert	Topic	Date for Expert Talk
5th CE/CSE/IT	Computer Network	Dr. Rakesh D. Vanzara,	different protocols location in TCP/IP stack and its working	20/7/2019
5th CE/CSE/IT	Data Structure and Algorithms	Dr. Vipul Dabhi	analysis of the Algorithms	26/7/2019
5th CE/CSE/IT	Artificial Intelligence	Dr. Narendrasinh C Chauhan	Artificial Intelligence: Reasoning and Applications	20/7/2019
5th IT	Operating System	Dr. N.M.Patel	File System	21/02/2020
6CE/CSE	Theory of Computation	Dr. Sheshang Degadwala	Regular Expression	31/1/2020
6CE/CSE	Theory of Computation	Dr. C. K. Bhensdadia	Pumping Lemma for Regular Languages	12/2/2020
4th CE/CSE/IT	Data Structure and Algorithms	Dr. M. T. Savaliya	Data Structure and Algorithms	10/2/2020
6th	Software Engineering	Dr. Bhaumik Nagar	Design Thinking and Agile Development in Software Engineering	29/02/2020
6th CE	Advanced Web Technology	Mr. Akash Padhiyar	Django Framework in Python	19/02/2020
4th IT	Database management System		Relational Database Concepts	26/02/2020
4th CE/CSE	Operating System	Dr. Bhavesh	Operating System	21/02/2020
4th and 6th	Artificial Intelligence	Lt. Col. Anant Bhatt	Applications of Artificial Intelligence in Military	3/3/2020

Summary of Expert Talk Organized in A.Y. 2020-2021

	CE441 - Big Data Analytics	Mukesh Goswami	Data Analytics(Data Visualization)	9/10/2020
		Mr Meet (Paytm)	Elastic Search	16/10/2020
	CS442 - Data Science and Analytics	Dr. Ketan Kotecha	Data Science : Age of Opportunity	10/9/2020
	IT441 - Data Science	Dr. Ketan Kotecha	Introduction to Machine Vision	22/10/2020
	IT441 - Data Science	Dr. Vibha Patel (HOD-IT)-VGEC	Super vector Machine	23/10/2020
	CE442 - Design of Language Processors	Dr. Hiteishi Diwanji	Bottom-up Parsing	24/09/2020

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7	CE443 - Cloud Computing	Dr. Dhaval Parikh	Cloud computing with Network Perspective & Casestudy	19/10/2020
		Nilesh Vaghela	AWS Cloud Computing	24/10/2020
		Dr. Madhuri Bhavsar	Establishing Trust in cloud Computing	14/10/2020
		Dr. Samir Patel	Parallel Computing	8/10/2020
		Dr. Hemal Shah	Cloud Computing & Advanced Computing	23/09/2020
		Dr. Sharnil Pandya	Synergistic Approach for Industry 4.0 (IIoT)	19/09/2020
		Mr. Akash Padhiyar	Python & Django Framework	23/09/2020
		Dr. Sanjay Chaudhary	Blockchain : The Backbone of New Age Internet	16/09/2020
		Dr. Shruti Patil	Adversarial Machine Learning	26/10/2020
		Dr. Shilpa Gite	Deep Learning: The leading field of the current era	18/09/2020
7	CE473 - Machine Learning	Dr. Chirag Patel	Convolutional Neural Network	1/10/2020
		Dr. Atul Patel	Artificial Intelligence, ML & DL	12/10/2020
		Dr. Narendra Chauhan	Artificial Intelligence: Reasoning and Applications	25/09/2020
		CKB	Artificial Intelligence	21/10/2020
		Dr. Hiren Patel	Blockchain Technology in Cyber Security	9/10/2020
		Dr. Hiteishi Diwanji	Bottom-up Parsing	24/09/2020
		Dr. Chirag Thaker	SDN Approach	5/10/2020
		Prof. M.T Savaliya	Data Structures	3/10/2020 4/10/2020
		Prof. Malay Bhatt	Design and Analysis of Algorithm	26/09/2020
		Prof. Malay Bhatt	A Systematic Approach to Dynamic Programming	26/09/2020 7/10/2020
5	CS441 - Programming in Python IT374 - Python Programming	Dr. Dhaval Parikh	Cloud computing with Network Perspective & Casestudy	19/10/2020
		Nilesh Vaghela	AWS Cloud Computing	24/10/2020
		Dr. Madhuri Bhavsar	Establishing Trust in cloud Computing	14/10/2020
		Dr. Samir Patel	Parallel Computing	8/10/2020
		Dr. Hemal Shah	Cloud Computing & Advanced Computing	23/09/2020
		Dr. Sharnil Pandya	Synergistic Approach for Industry 4.0 (IIoT)	19/09/2020
		Mr. Akash Padhiyar	Python & Django Framework	23/09/2020
		Dr. Sanjay Chaudhary	Blockchain : The Backbone of New Age Internet	16/09/2020
		Dr. Shruti Patil	Adversarial Machine Learning	26/10/2020
		Dr. Shilpa Gite	Deep Learning: The leading field of the current era	18/09/2020
3	IT473 - Artificial Intelligence CS472 - Cyber Security and Cyber Laws IT443 - Language Processors IT471 - Foundation of Modern Networking Data Structure IT341- Design and Analysis of Algorithm CE342 - Design and Analysis of Algorithm	Dr. Chirag Patel	Convolutional Neural Network	1/10/2020
		Dr. Atul Patel	Artificial Intelligence, ML & DL	12/10/2020
		Dr. Narendra Chauhan	Artificial Intelligence: Reasoning and Applications	25/09/2020
		CKB	Artificial Intelligence	21/10/2020
		Dr. Hiren Patel	Blockchain Technology in Cyber Security	9/10/2020
		Dr. Hiteishi Diwanji	Bottom-up Parsing	24/09/2020
		Dr. Chirag Thaker	SDN Approach	5/10/2020
		Prof. M.T Savaliya	Data Structures	3/10/2020 4/10/2020
		Prof. Malay Bhatt	Design and Analysis of Algorithm	26/09/2020
		Prof. Malay Bhatt	A Systematic Approach to Dynamic Programming	26/09/2020 7/10/2020

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5	CE344 - COMPUTER NETWORKS	Dr. Rakesh Vanzara	Basics and Advance Technology in the field of Computer Networks	3/10/2020
	CS341 - Artificial Intelligence	Dr. Narendra Chauhan	Artificial Intelligence: Reasoning and Applications	25/09/2020
	IT342 - Advance Web Technologies	Mr. Nilay Ganatra	Laravel : The PHP Framework	17/09/2020
	CS372 - Advanced Web Technology			
	CE373 - Mobile Application Development - Elective I			
	IT343 - Operating System	Dr N. M. Patel	Firebase in Android	11/9/2020
	IT344 - Computer Networks	Dr. Rakesh Vanzara	File Handling	14/09/2020
	CE371/IT371/CS376 Advanced Java Programming - Elective I	Prof. Siddharth Shah	Basics and Advance Technology in the field of Computer Networks	3/10/2020
	CE372/IT372 - Programming using .Net Framework - Elective I	Prof. Buddhadev	Spring Framework	23/10/2020
	CS371 - Digital Image Processing	Prof. Saurabh Shah	Hibernat	17/10/2020
	CE372/IT372 - Programming using .Net Framework - Elective I	Prof. Abhilash Shukla	Developing Distributed Application in Java	22/10/2020
	CE371 - Digital Image Processing	Dr N. M. Patel	MVC Architecture	15/09/2020
	CE372 - Software Engineering	Nikunj Patel	WCF Architecture	6/10/2020
	CE343 - Software Engineering	Aashish Buch	Morphological Image Processing	21/09/2020
	CE253/ IT243 Data Communication and Networking	Bhaumik Nagar Nitin Shah	Industrial trends in software engineering	26/09/2020
CE252/IT250 Digital Electronics	Dr. P. B. Swadas	Medical Device Technology	17/10/2020	
CE251/ IT 242 Java Programming	Dr. Mehul Parikh	DeVops	24/10/2020	
CE251/ IT 242 Java Programming	Dr. Kaushika D. Patel	Ways to set and Achieve Goal	20/10/2020	
Web Technology	Mr. Jigar Shah	OSI Layer model and Basics of Networking	16/10/2020	
Creative Thinking	Mr. Anand Patel	Shift Registers and Counters	6/10/2020	
ICT Workshop	Romesh Bhavsar (Netweb)	Digital Electronics	23/10/2020	
ICT Workshop	Dr. Shruti Patil	Industrial Perspective of Java and Spring Framework	8/8/2020	
Entrepreneurship Club	Dr. Sheshang Degadwala	Collection Framework	18/09/2020	
	Dr. Sheshang Degadwala	Web Technology	24/10/2020	
	Dr. Kirti Makwana	Creative Thinking	21/10/2020	
		Advance Excel (Part-2)	1/20/2021	
		Advance Excel	1/8/2021	
		Tips for Start-ups	1/25/2021	

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6th	Aptitude	Mr. Himanshu Thakkar	Importance of aptitude for a career	1/23/2021
6th	Machine Learning	Dr. Maulika S. Patel	Machine Learning	1/23/2021
4th	Aptitude	Mr. Himanshu Thakkar	Importance of aptitude for a career	1/23/2021
1st	Computer Concept & Programming	Prof. Chintan Gajjar	Pointer in 'C'	1/21/2021
1st	Computer Concept & Programming	Prof. Chintan Gajjar	File Management in 'C'	1/23/2021
6th	Cryptograpy and Network Security	Dr. Vidhi Kanduja	Cryptography and its applications	1/30/2021
1st	Carrer Guidance	Prof M T Savaliya	How to Start Engineering Career Effectively	11/28/2020
1st	Carrer Guidance	Prof M T Savaliya	How to Start Engineering Career Effectively	11/30/2020
1st	Carrer Guidance	Dr Ketan Kotecha	Knowledge Sharing session on career guidance	12/7/2020
1st	Computer Concept & Programming	Prof M T Savaliya	How to do programming effectively	12/12/2020
1st	Motivational	Dr Mehul Thakkar	Developing Growth Mindset and winning outlook in uncertain times	1/12/2021
1st	Carrer Guidance	Dr Shilpa Gite	Introduction to emerging technologies	1/29/2021
6th	Wireless Communication and Mobile Computing	Dr. P.B.Swadras	Wireless LAN	2/11/2021
4th	Data Structure and Analysis	Narasimha Murty Musti	Information Retrieval: Role of Data Structures and Algorithms	3/3/2021
4th/6th	Data Structure and Analysis	Prof. M. T. Savaliya	Applications of Data Structure	3/4/2021
4th/6th	Data Structure and Analysis	Dr. Vipul Dabhi	Data Structure- Trees	3/5/2021
6th	Cryptogtaphy and network Security	S. D. Panchal	Cyber Security	3/5/2021
6th	Cryptogtaphy and network Security	Dr. Bhavesh Gohil	Malware - Malicious Software	3/4/2021
6th	Cryptogtaphy and network Security	S. D. Panchal	Cyber Security	3/5/2021
4th	Data Structure and Analysis	Narasimha Murty Musti	Information Retrieval: Role of Data Structures and Algorithms	3/3/2021
6th	Theory of Computation	Dr. Malay S. Bhatt	Turing Machine	4/2/2021
6th	Theory of Computation	Dr. Malay S. Bhatt	Turing Machine	4/6/2021
2nd	Career Guidance	Divyesh Sanghani	Motivational and Career Guidance	4/7/2021

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6th	Career development	Mr. Himanshu Thakkar	Importance of aptitude preparation for career	1/23/2021
6th	Machine Learning	Dr. Maulika S. Patel	Machine Learning	1/23/2021
6th	Career development	Mr. Bhavik Sankesara	Career Guidance for Tech Giants like Amazon	3/17/2021
6th	IT376 IMAGE PROCESSING	Dr. N. M. Patel	Frequency Domain Filtering in Image Processing	3/11/2021
4th	MPCO / COMI	Prof. Anurag Lakhiani	Memory Hierarchy	3/25/2021
4th	MPCO / COMI	Dr. Kalpesh Wandra	Introduction to x86 Microprocessor	3/27/2021
6th	DWDM	Dr. Mukesh Goswami	Classification & Clustering	10/4/2021
4th/6th	Software Engineering	Brijesh Panchal	Realtime Application of SCRUM in Software Industry	4/9/2021
2nd	OOPC	Dr. Amit Barve	Foundation of Object Oriented Concept	19-06-2021
2nd	OOPC	Prof B. V. Buddhadev	OBJECT-ORIENTED PROGRAMMING PARADIGM	17-06-2021
2nd	OOPC	Dr. Malay Bhatt	Expert Talk on Function in C languag	2/3/2021

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