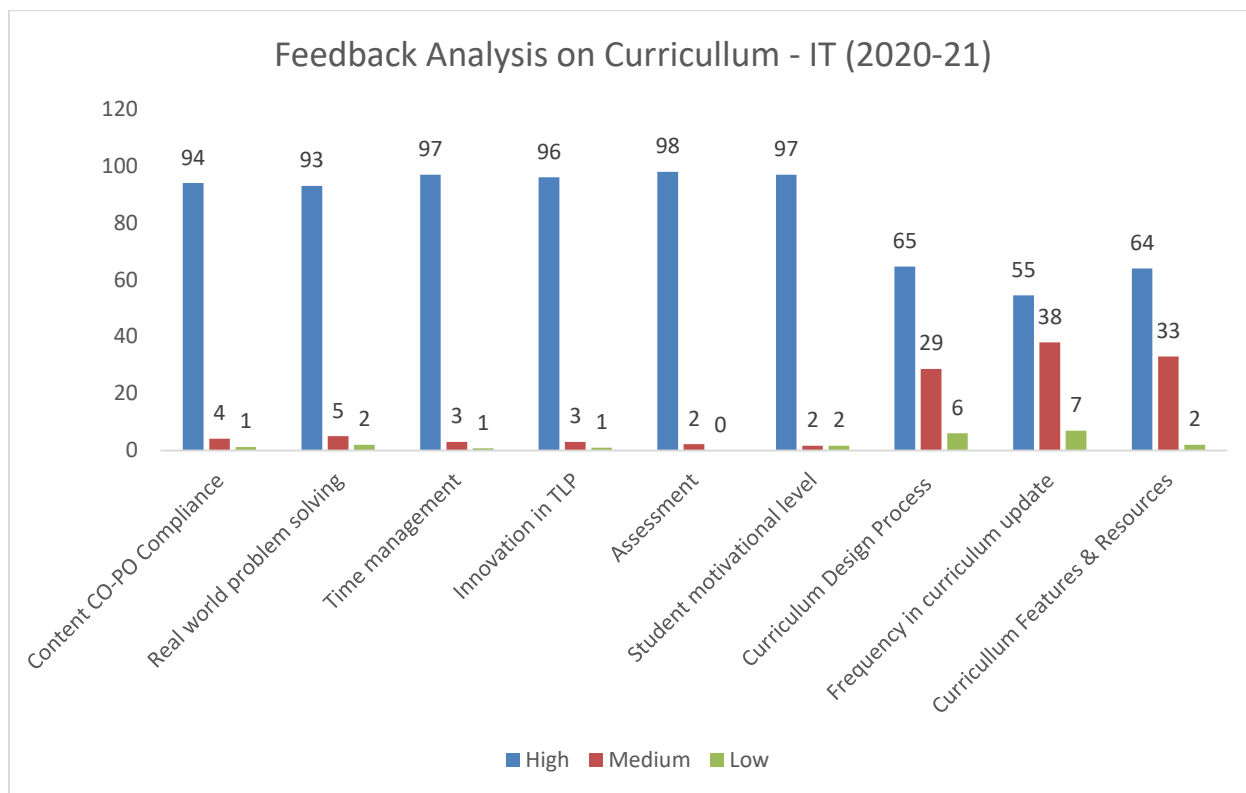




Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Department of Information Technology

Feedback Analysis on Curriculum Design for Academic Year 2020-21



Inferences

1. Stakeholders appreciated the following aspects in existing curriculum & its design
 - Content CO PO compliance
 - Time Management
 - Innovation in TLP
 - Student Motivational level
 - Assessment

2. Stakeholders demands improvements in following aspects in existing curriculum & its design process
 - Innovation in Teaching Learning process
 - Real world problem solving
3. Stakeholders recommended following features to be included in curriculum

Knowledge	Tools	Skills
Programming	.Net framework	Python, R programming skills
Testing	Analytical skills	Testing Whiz, Ranorex
Web designing	Website innovation skills	HTML, Adobe XD, Invision Studio
Data Scientist	Web Development, Databases SQL / PL-SQL programming, ML, DL using Python, Machine Learning, Big Data and Product Development, Object Oriented Programs implementation, software engineering processes and sustaining web based solutions	Machine Learning, Big Data and Product Development, Object Oriented Programs implementation, software engineering processes and sustaining web based solutions
Machine Learning	Weka and Rapid Miner	DBMS and Machine Learning
R&D	Keras, Gensim and Tensorflow, Cloud sim, Machine Learning	Coding techniques
Software	Node.js, MongoDB	Scripting, Design.

Recommendations:

1. Faculty suggested to add new courses Blockchain and Cryptocurrency Technologies, Deep Learning and Machine Learning Lab in the next curriculum.
2. Students suggested to arrange Industrial visits and field visit to understand the real time working environment.
3. Based on Alumni suggestion, lab courses such as IoT lab and Cloud Computing Lab has to be added to meet industrial expectation.
4. Curriculum to be updated for enhancing the soft skills and mental ability of students.
5. Courses to be designed in such a way, that it should be job oriented as well as research oriented.
6. More courses to be offered under Allied and Institute elective category.


Dr. C. Mahesh
 Head of the Department
 Information Technology
Vel Tech
 Rangarajan Dr. Sagundhala
 R&D Institute of Science and Technology
(Autonomous Institute of Science and Technology)



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Department of Information Technology			
Stakeholders Feedback Analysis			
Academic Year 2020-21			
Criteria	High	Medium	Low
Content CO-PO Compliance	94	4	1
Real world problem solving	70	4	2
Time management	49	1	0
Innovation in TLP	72	3	1
Assessment	74	2	0
Student motivational level	24	0	0
Curriculum Design Process	143	64	14
Frequency in curriculum update	121	84	16
Curriculum Features & Resources	190	98	7
Specific Comments on Topics / Skills / Tools			
	Knowledge	Tools	Skills
Alumni	Programming	.Net framework	Python, R programming skills
	Testing	Analytical skills	Testing Whiz, Ranorex
	Web designing	Website innovation skills	HTML, Adobe XD, Invision Studio
Industry		Web Development, Databases SQL / PL-SQL programming, ML, DL using Python, Machine Learning, Big Data and Product Development, Object Oriented Programs implementation, software engineering processes and sustaining web based solutions	Machine Learning, Big Data and Product Development, Object Oriented Programs implementation, software engineering processes and sustaining web based solutions
	Data Scientist		
	Machine Learning	Weka and Rapid Miner	DBMS and Machine Learning
	R&D	Keras, Gensim and Tensorflow, Cloud sim, Machine Learning	Coding techniques
	Software	Node.js, MongoDB	Scripting, Design.

Feedback Report of Faculty

Criteria	High	Medium	Low	Satisfactory	Poor
Content CO-PO Compliance					
Course content is relevant to the course mapping	15				
Course outcome contribution towards PO attainment	13	1	1		
Course is relevant to the PSC	12	2	1		
Course outcome levels are relevant to the course content	12	1	2		
Real world problem solving					
Course content demand usage of modern tools	10	3	2		
Course content addresses current industry practice	10	3	1	1	
Course content will serve for future industry practice	10	2	1	1	1
Time management					
Adequate time available to deliver content	10	2	2	1	
Adequate time available to conduct Assessment	10	2	2	1	
Innovation in TLP					
Provision to introduce new TLP method	11	2	1		1
Availability resources in internet	11	2	2		
Availability of resources in local library	12	2	1		
Assessment					
All assessment questions are as per blooms taxonomy and CO level	15				
Questions are relevant to CO	13	2			
There is less/ no deviation among internal and external question paper	13	2			
Student motivational level					
Students are attentive in class	13	2			

Feedback Report on Alumni

Name	Qualification with specialisation	Choose any one below which can describe your job broadly	Designation, employer, work place	List the knowledge and skill set required for your current designation	List the specific tools/techniques using in your industry	List the skill set and tools required for meeting future trends in your domain	Email Address
P.VENKATA NARAYANA	B.Tech IT	Analysis of Technical Issues, Assessing Customer Support Needs, Ability to Learn New Software and Hardware, Application Support	Trainee Technical Support, CSS corp Pvt Ltd, chennai	communication skills and canvassing skills	Web designing tools	Resolving network issues	narayana123@gmail.com
SB S PRAVEEN KUMAR	B.Tech IT	Data Science	Data Analyst, TCS, chennai	Programming language	Python , R programming	Data analysing skills, exploration skills	praveensbs@gmail.com
VIJAY PRASANNA.N	B.Tech IT	Marketing	Business Development Associate, Byjus, chennai	communication skills and canvassing skills	Web designing tools	Management Skills	vijayn@gmail.com
U.SAI HEMANTH	B.Tech IT	software programming	Trainee software Engineer, Freshworks , chennai	OOD, SDLC	LeanKit, codenvy	R programming skills	saihemanthu2021@gmail.com
V.SRI LAKSHMI	B.Tech IT	Customer services	Technical Trainee, Sutherland Global services, chennai	verifying customer's understanding of information	Web designing tools	Resolving network issues, gathering and researching information	lakshmisri@gmail.com
S.MURALI KRISHNAN	B.Tech IT	Ensuring quality	Test Engineer , Deltax, chennai	Analytical skills	Testing Whiz, Ranorex	Preparing software tests, SpiraTest	muralikrish@gmail.com
R.YUVASTI	B.Tech IT	design and write new software programs	Trainee software Engineer, Prokarma Softech Pvt LTD, Hyderabad	OOD, SDLC	Adobe Dreamweaver, Lean Kit, codenvy	Bitbucket	yuvasti111@gmail.com

E.PRIYANKA MARY	B.Tech IT	Database Managem ent System	Analyst, DHL Global Forwarding Freight Shared services , Chennai	Database creation upadation skills	SQL, Oracle	Machine Learning tools	priyankaangel@gmail.com
P.KARTHIKEY AN	B.Tech IT	Programmi ng	Trainee software Engineer, Prokarma Softech Pvt LTD, Hyderabad	object oriented Design,	java, j2ee, Jquery	Asp, JSP	karthikp@gmail.com
SAYEEDA FARHANA	B.Tech IT	Software Developme nt	Application Developme nt Associate, Accenture, chennai	analytical capabilities, logical approach to problem solving	R programm ing	Cloud Computing	saveeda456@gmail.com
D.BANUMAT HI	B.Tech IT	Software Developme nt	Application Developme nt Associate, Accenture, chennai	high-level programmin g and related technical skills	Visual Code studio, Dev tools		banud1234@gmail.com
JOTHIRMAYE E TIMMAR RAJU	B.Tech IT	Identifying new business opportuniti es, writing up weekly progress reports	Process Executive , CTS, Hyderabad	Problem solving and analytical skills	Javascript, Jquery	Data processing skills, Risk analysis, Strategic planning.	iothir@gmail.com
D.AKHIL	B.Tech IT	Software Developme nt	Application Developme nt Associate, Accenture, chennai	Programmin g languages	Devops	Python programming skills,Development operations	akhilit@gmail.com
N.SANDHYA	B.Tech IT	Data Science	Analyst, Capgemini, Hyderabad	Programmin g language	Python , R programm ing	Data analysing skills, exploration skills	sandhyanit@gmail.com
M.LOKESH	B.Tech IT	Customer support	Associate customer support, Tech Mahindra, chennai	reviewing previous inquiries and responses, verifying customer's understandi ng of information and answer.	Web designing tools	Resolving network issues, gathering and researching information, assembling and forwarding information	lokeshinfo@gmail.com
S.YOGESHW ARAN	B.Tech IT	Data Science	Analyst, Capgemini, Hyderabad	Programmin g language	Python , R programm ing	Data analysing skills, exploration skills	yogeshwarans@gmail.com
P.ISWARYAA	B.Tech IT	Database Managem ent	Data Associate,	Database manipulatio	SQL, Oracle	Machine Learning tools	iswaryaa@gmail.com

		nt	Wipro, Bangalore	n skills			
ADHIVARSHI NI.E	B.Tech IT	Datascienc e, Data mining	ML Data Associate, Amazon, chennai	Programmin g language	Python , R programm ing	Data analysing skills, exploration skills	adhivarshinic ennai@gm ail.com
SUDHA M	B.Tech IT	Programmi ng	Trainee Engineer, Entrust, chennai	high-level programmin g and related technical skills	.Net framewor k	Python, R programming skills	sudham@g mail.com
L.PRATHAP	B.Tech IT	Marketing Executive	Business Developme nt Trainee	communicati on skills and canvasing skills	Web designing tools	Management Skills	prathapl21@ gmail.com
SHALINI TOMAR	B.Tech IT	Technical support	Application Developme nt Associate, Accenture, chennai	high-level programmin g and related technical skills	Linux	Data Science	shalinitomar @gmail.com
NIKITA	B.Tech IT	Software Developme nt	Application Developme nt Associate, Accenture, chennai	Programmin g languages	.Net framewor k	Python, R programming skills	nikitabang@ gmail.com
DIYANESHW AR.E	B.Tech IT	Customer support	Associate customer support, Tech Mahindra, chennai	reviewing customer's queries	Web designing tools	Resolving network issues, gathering and researching information, assembling and forwarding information	diyaneshwar @gmail.com
LAVANYA P G	B.Tech IT	Teaching	Trainer, Knowledge Academy, Chennai	Problem solving	Content authoring tool, learning managem ent system	Web conferencing tools	lavanyapg@ gmail.com
BHAGIRATH CHAUDHARY	B.Tech IT	Communic ation and programmi ng	Trainee, TCS, chennai	Programmin g skills	Python , R programm ing	Data Science	bhagirathcha u@gmail.co m
KUMARI SHWETHA	B.Tech IT	Data Science	Analyst, Capgemini, Hyderabad	Programmin g language	Python , R programm ing	Data analysing skills, exploration skills	shwethakum ari@gmail.co m
P.SRINIVASA N	B.Tech IT	creativity	Web designer, Mobolution s, chennai	Website innovation skills	HTML, Adobe XD, Invision Studio	Sketch, UXPin	srinivasanp @gmail.com

Feedback Report on Industry Expert

Name	Qualification with specialisation	Choose any one below which can describe your job broadly	Designation, employer, work place	List the knowledge and skill set required for your current designation	List the specific tools/techniques using in your industry	List the skill set and tools required for meeting future trends in your domain	Email Address
Rocky Jagtiani	M.E. in Information Technology	Data Scientist	Master Data Science ML and AI trainer and Project	Artificial Intelligence, Data Science, Machine Learning	Web Development, Databases SQL / PL-SQL programming, ML, DL using Python	Tableau and Qlikview	rockyjagtiani@gmail.com
Mohamed Noordeen Alaudeen	B.Tech in Information Technology	Data Scientist	Data Science Leader, Aviso AI	Machine Learning, Big Data and Product Development, Object Oriented Programs implementation , software engineering processes and sustaining web based solutions	JSP, Servlets, XML, Struts, HTML, and AJAX	Keras, Gensim and Tensorflow	nursnaaz@gmail.com
Dr.P.Manoharan	P.hD in CSE	Machine Learning	Professor in Pondicherry Engineering College	DBMS and Machine Learning	Weka and Rapid Miner	Deep Learning using python	rmanoharan@ptuniv.edu.in
Dr.Jagadeesan	P.hD in CSE	R&D	Professor in Sona Engineering College	Data Science	Keras, Gensim and Tensorflow	Deep Learning	jagadeeshwaran@sonatech.ac.in
Dr.B.Surendiran	P.hD in CSE	R&D	Assistant Professor in National Institute of Technology Puducherry	Cloud Computing and Operating Systems	Cloud sim, Machine Learning	Data Science	surendiran@gmail.com
Niraj Sharma	B.E in Computer Engineering	Software	Software Engineer at Neosoft Technologies	Javascript	Node.js, MongoDB	Nest.js	niraj@neosoft.com



Vel Tech
Rangarajan Dr. Sagunthala
RAD Institute of Science and Technology
(Approved as an Autonomous Institute by UGC Act, 1986)

School of Computing
Department of Information Technology
Students Feedback on Curriculum

Academic Year : 2020-2021
Programme Name : B.Tech – Information Technology
Student Roll Number : 8699
Student Name : NISHANT YADAV
Mobile Number : 739733 7955
Email ID : vtu8699@veltech.edu.in

Company Placed/Higher Studies Accenture

S.No	Question	Yes / No
1.	Was the syllabus updated enough	3
2.	Was the course content interesting	3
3.	Did the course curriculum intellectually motivate you	5
4.	Was the course curriculum fulfilling your expectations	5
5.	Does the syllabus create any interest to pursue post graduation / research in the particular subject	4
6.	Did the subject / course help in developing your personality	4
7.	Were the subject applicable in your practical / daily life	5
8.	Were reading material and references regarding curriculum / subject easily found	4
9.	Does the syllabus is relevant for the solution of local problems	4
10.	Is there need to include skill based content in current syllabus	5

Any other suggestions for improvement

Kindly add MOOC course like Neural Network & Deep learning,
which will lead us to go to grow in trending technology

Nishant Yadav

Date: 06-07-2020

Signature of the Student



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Chennai-600 092

School of Computing
Department of Information Technology
Faculty Feedback on Curriculum

Academic Year : 16-17
Programme Name : B.Tech, IT
Email ID : uvaneshwarin@veltech.edu.in
Faculty ID: TTS2100
Faculty Name: Uvaneshwarin .M
Designation: Asst. professor.

1. Quality and relevance of the courses included into the curriculum

☒ Excellent ☐ Very good ☐ Good ☐ Satisfactory ☐ Poor

2. Curriculum covers depth and breadth of the courses

☒ Excellent ☐ Very good ☐ Good ☐ Satisfactory ☐ Poor

3. Courses in the curriculum as per the current trends and future predictions

☐ Excellent ☒ Very good ☐ Good ☐ Satisfactory ☐ Poor

4. Courses in the curriculum give more focus on design experience

☐ Excellent ☒ Very good ☐ Good ☐ Satisfactory ☐ Poor

5. Courses in the curriculum helps the student for the critical thinking/problem solving

☒ Excellent ☐ Very good ☐ Good ☐ Satisfactory ☐ Poor

6. Courses in the curriculum focus on interdisciplinary aspects

☒ Excellent ☐ Very good ☐ Good ☐ Satisfactory ☐ Poor

7. Observed updation of curriculum frequently

☒ Excellent ☐ Very good ☐ Good ☐ Satisfactory ☐ Poor

8. Present curriculum focus on employability and professional development

☐ Excellent ☒ Very good ☐ Good ☐ Satisfactory ☐ Poor

9. Rate the distribution of credits to the courses

☐ Excellent ☒ Very good ☐ Good ☐ Satisfactory ☐ Poor

10. Courses in the curriculum focuses on value education, leadership

☒ Excellent ☐ Very good ☐ Good ☐ Satisfactory ☐ Poor

Any other suggestions: cloud storage infrastructure and cloud security can be added to cloud elective machine learning can be offer as industry course.

M. Uvaneshwarin
Signature



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(Deemed to be University Est. u/s 3 of UGC Act, 1956)

ALUMNI FEEDBACK ON CBCS CURRICULUM

1. Name : *N. Sandhya*
2. VT / VtU No. : *Vtu 7514*
3. Batch : *2020 (2016-2020)*
4. Branch : *IT*
5. Contact No : *9791154612*
6. Email ID : *enrajast144@gmail.com*

The curricula of all the B.Tech programs of our university are developed from the Washington Accord Graduate attributes that clearly describe the expected qualities in terms of Engineering Knowledge and Skills, and attitude to be demonstrated by the students during exit of the programme.

To promote flexibility in student learning and interdisciplinary education, our university adopted Choice Based Credit System (CBCS) in the academic year 2015-16. The CBCS provides full flexibility for students to learn wide variety of courses such as Programme Core, Programme Electives and Value added courses. The students have six degree choices in choosing the courses. (i) Faculty choice, (ii) Course choice within the program, (iii) Courses from other program/departments, (iv) Courses from international universities (v) Semester Choice and (vi) Courses from online courseware of internationally reputed universities such as Massachusetts Institute of Technology (MIT), USA, Harvard University, Berkeley University of California, The University of Texas System, Australian National University, The University of Queensland etc. This CBCS allows the students to prepare various career options such as employment in engineering industries, IT industries, higher education in reputed institutions and career in research organizations.

We request you to go through our curriculum which is available in our university website and give your valuable suggestions to enrich the curriculum further.

1. Are any new course(s)/subjects to be introduced in our curriculum? If yes, please mention the title of the course(s) and if possible, give outline of the course(s)/subjects.

Data Science

2. Are any specific/new/advanced topics to be included to or removed from any of the course(s)/subjects. If yes, please mention the topics to be included / removed against each course(s)/subjects as given in the following table.

Title of course(s)/subjects	Topics to be included	Topics to be removed
—	—	—

3. If you have identified any specific skills, required for graduates of our branch / department, to be imparted through the curriculum, please list them.

Logical thinking

4. May we request you to suggest some of the value added courses; professional certification for those, industries will give preference during recruitment of fresher's?

more programming course.

5. Specify some industries, Research centers, R & D labs and reputed institutions either in India or Abroad for our faculty to visit & observe best practices.

6. Could you suggest some of innovative instructional (teaching) techniques to enhance students learning?

project Based, Jigsaw.

7. Could you mention professional certification, training programs to improve our faculty competency?

N. Sundhyan
Signature

Organisation: *Capgemini.*

Designation: