Academic Expert Feedback Analysis on Curriculum for Academic Year 2016-2017

Academic Expert Detail

Sr. No.	Name	Name of Organization	Designation	Contact No
1.	Chintan Gajjar	Chandubhai S Patel Institute Of Technology	Assistant Professor	9426331221
2.	Mitesh M Patel	C P Patel & F H Shah Comm College, Anand	Assistant Professor	9825354066
3.	Patel Pratik	Vinayaka College	Assistant Professor	9703077494
4.	Shailesh Khant	A D Patel Institute Of Technology	Assistant Professor	9925090186
5.	Divyesh Patel	CSPIT, CHARUSAT	Assistant Professor	9723539917
6.	Nilesh Kumar Dubey	CSPIT, CHARUSAT	Assistant Professor	9726964512
7.	Prof. Jonita Roman	Sardar Vallabhbhai Patel Institute Of Technology, Vasad	Assistant Professor	9825977356
8.	Mihir Suthar	Department Of MCA, Parul University.	Assistant Professor	9033703733
9.	Dr. Jigar Patel	Kalol Institute Of Management(MCA)	Associate Professor	9374352417
10.	Chintan Gajjar	CSPIT, CHARUSAT	Assistant Professor	9426331221
11.	Shailesh Khant	A D Patel Institute Of Technology	Assistant Professor	9925090186
12.	Jalpesh Vasa	CSPIT, CHARUSAT	Assistant Professor	9726528769
13.	Priteshkumar Prajapati	CSPIT, CHARUSAT	Assistant Professor	9558135477
14.	Chintan Gajjar	CSPIT, CHARUSAT	Assistant Professor	9426331221

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According to Expert below listed points are the best part of Syllabus:

- The content which was included is best to the industry fit.
- Selection of mandatory & elective Subjects
- Wireless Device and Cyber Crime
- Syllabus is based on Industry requirements
- Latest Subjects
- More electives are given so students can select their area of interest
- It covers the latest framework with overall web development cycle.
- Plugin Creation in WordPress
- Latest syllabus
- More elective choices are given so students can select their area of interest

According to Expert below listed subject need more focus:

- Latest configuration, Networking
- subjects cover detail related to each topics...
- Security
- IoS Development, Angular JS & Node JS in Web Development, Open Source Databases
- All core subjects should in detail like OS, Network
- Indian IT Act
- Cyber Security
- Ajax Framework should be in little depth
- Security of Wordpress
- Cyber security subject must be compulsory and must have practical coverage.

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Programme Wise Feedback Analysis

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Alumni Feedback Analysis on Curriculum for Academic Year 2016-2017

Alumni Detail

Sr. No.	Name	Name of Organization	Designation	Contact No
1.	Jaydeep Makwana	Gsrtc	System Engineer	-
2.	Vivek Shukla	Sarjen Systems	Sr. Soft Engg	9874757593
3.	Harsh Trivedi	Open Xcell	Sr Android Developer	9924237090
4.	Nevil Bhrambhatt	Mtaj Solutions	Sr. S/W Programmer	9898682998
5.	Krupa A. Patel	Ved Enterprise	SEO	8487043102
6.	Devanshi D. Desai	Arth I - Soft	Game Developer	9662642349
7.	Hitendra Patel	Chamaleon Infotech	Developer	9033524631
8.	Maitri J. Kamdar	Devlon Infotech	QA	9427339595
9.	Jinal R. Patel	Cerebro Infosystem	Owner	8401128900
10.	Ruchi Kansara	Future Group	Assistant Manager	9974787263
11.	Arbaz Shahai	Rigel Networks	Developer	9033869789
12.	Subham Shah	Incarnai Ict	Web Developer	9428883052
13.	Jainish Parekh	Evosys	Technical Consultant	7383828082
14.	Rushabh Shah	Biztech	Software Engineer	9429148623
15.	Jijo B Nair	Codedcyclopedia	Lead Php Developer	9724511017
16.	Nikisha Patel	E-Infochips	Software Engineeer	9537698364
17.	Vijay Sharma	Config Tech Pvt. Ltd.	Sr. Mobile Develo[Per	9428121592
18.	Kevin Shah	Infosys Ltd	Technical Analyst	9725082555
19.	Dipak Prajapati	Atos INDIA Pvt Ltd	Server Admin	9979282982

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According to Expert below listed points are the best part of Syllabus:

- MPPL, Dot net and Basic Web Designing
- Syllabus is very much updated
- Syllabus covers subjects which are very helpful to student in their future.
- Cyber Security subject
- Subject like WXML and WDOS
- Every subject covered in depth.
- Web Designing
- Subject on Mobile Application Development
- Wordpress, Android
- Collaborative technologies, Data Mining, Word Press, Mobile Application Technology
- Android

According to Expert below listed subject need more focus:

- Dot Net
- MPPL
- Software Engineering and Quality Assurance - Testing should be cover in more detail.
- Each subject covered perfect content.
- Network related subject should be covered in more detail.
- Testing and software quality assurance
- PI
- JAVA. Include framework.
- VP. MVC should be cover in depth.
- PHP, WordPress
- ASP.NET - VP
- Database Technology
- Word Press, CT

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Certified By:

SMT. CHANDABEN MOHANBHAI PATEL INSTITUTE OF COMPUTER APPLICATIONS
CMPICA
CHANGA

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Faculty Feedback Analysis on Syllabus

Below is the list of subjects on which faculty had given feedback:

Sr. No.	Course Code	Course Name	Programme	Semester
1.	CA 709	Introduction to Computers	MCA	I
2.	CA 710	Fundamental Concepts in Programmming Language	MCA	I
3.	CA 711	Database Technology	MCA	I
4.	FI 702	Fundamental of Commerce and Business Statistics	MCA	I
5.	CA 712	Introduction to internet and web Designing	MCA	II
6.	CA 713	Object oriented Concepts and Programming	MCA	II
7.	CA 714	Management Information Systems	MCA	II
8.	CA 715	Operating System Concepts and Network Technology	MCA	II
9.	CA 814	Object oriented Software Engineering	MCA Lateral	I
10.	CA 815	Enterprise Computing	MCA Lateral	I
11.	CA 816	Visual Programming	MCA Lateral	I
12.	CA 817	Web Designing Concepts	MCA Lateral	I
13.	CA 818	Advance Database Technologies	MCA Lateral	I
14.	CA 819	Open Source technology	MCA Lateral	II
15.	CA 820	Mobile Technology	MCA Lateral	II
16.	CA 821	Software Quality Assurance	MCA Lateral	II
17.	CA 822	Windows Communication Foundation Framework	MCA Lateral	II
18.	CA 910	Open Source Framework	MCA Lateral	III
19.	CA 911	Data Mining & Analytics	MCA Lateral	III
20.	CA 913	Collaboration Technology	MCA Lateral	III
21.	CA 101	Introduction to Computers	MCA Dual	I
22.	CA 102	Programming Principle and Logic Development(PPLD)	MCA Dual	I
23.	CA 103	Operating System Concepts	MCA Dual	I

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24.	CA 104	Programming the Internet	MCA Dual	I
25.	CA 105	Fundamental Concept in Programming Language	MCA Dual	II
26.	CA 106	Database Fundamentals	MCA Dual	II
27.	CA 107	Fundamental of Commerce and Business Process	MCA Dual	II
28.	CA 108	Mathematical and Statistical Foundations	MCA Dual	II
29.	CA 203	Object Oriented Programming using C++	MCA Dual	III
30.	CA 205	Data Structures and Algorithms	MCA Dual	IV
31.	CA 207	Multi Paradigm Programming Language	MCA Dual	IV

1. **Is it according to the objectives of course?(No)**
   - 90% of course objectives are fulfilled need to include some more practical approach in last unit.
   - The syilabus fulfills some of the objectives but not all. For example the unit VI on network security students is introduced not just basics but advanced features of network security.
   - 80% of course objective is fulfilled but same basics UML part is required to include as it is not found in syllabus.
   - Trigger is not given in any unit and its specified in the objective.
   - The primary objective of the course would be developing an understanding of the elements of web application development using open source technology. Software development using xampp may also add as one of the objective.

2. **Is it fulfilling all outcomes of the course?(No)**
   - Course outcome may not achieve full swing as practical exposure is required for the development of diagram.

3. **Is Methodology and Pedagogy of course is appropriate?(No)**
   - Trigger is highlighted but not mention in any unit.
   - During theory lectures the emphasis will be given on introduction to open source technology, the structure and syntax of PHP, database connectivity using SQL and No SQL databases working with forms and user data, form and error handling, object oriented programming with PHP etc. During practical sessions, studies will implement the concepts which are discuss in lecture.

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4. **Is content of every unit appropriate?(No)**

- Content is appropriate as per objective but we can improve by adding HTML5,CSS3,AJAX, and JQuery
- The unit wise allocation of topics as per syllabus is un-even. Some units have option for which are simple and can be taught in few hours(e.g. unit IV) where as others have topics which can take more than 2 weeks to teach (e.g. unit VI)
- One unit contains implementation of design patterns which not required in this course.
- Content related to HTML and CS should be introduced.
- Specification for Unit 1 is not proper
- 1) Unit 1 needs to shrink by eliminating some multi-dimensional data model concepts
  2) Data discretization part from unit - III needs to make more precise and compact.
- 1) Divide unit 1 into two unit , one for introduction to collaboration and second for introduction to share point.
  2) Unit 3 and Unit 5 should have more content.
- Only fundamental concept of mathematics are covers in this subject not the detailed approach.
  The syllabus should be design in such a way that continuity of the particular topic remains preserved for the clear and detail knowledge in particular area.
  As each and every units in the syllabus are different in manner, so each unit requires pre-requisites in particular area so that it can be easily understood to the students.

5. **Are hours allocated to each unit is appropriate?(No)**

- Unit V is very lengthy so extra hours are required to complete the unit
- Unit V :
  1) This unit is consisting of almost all content of Operation research and it is quite difficult to finish it in allocated hours.Because each portion is like a separate unit
  2)So some of the portion should be removed from it or we can replace this unit with regression, Statistical Inteface Testing of Hypothesis or Sampling , Sampling Distributi
- Unit I and Unit VI of syllabus cover much more content and requier more time then mentioned in syllabus.
- Unit - 1 Should be of 6 hours and Unit - IV should be of 9 hours
- 1) As per the suggestions given in No 4 , hours allocations needs to updated.
  2) Unit VI has over estimated time allocation.
- Reduce lecture hours for unit 3 and unit 5
- Unit 5 is very short so it can finish within 5 hours no extra hours are required to complete per unit .
  Unit 2 is very short so some more content can be added
- Unit 3 must be allocated 8 hour and unit 5 requires 8 hour and unit 6 requires 7 hour
- Unit-III and Unit-V should be allotted more time for detailed knowledge of the topic and its real life applications to the students.

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6. Are core books and reference books appropriate and relevant?

- There is need to update edition of the every book.
- Add Rachel McCollin, Tessa Blakeley Silver: wordpress Theme Development , 3rd Edition , PACT publishing
- Not all books covers the particulars topic upto some certain level
  We can add references book :"Quantitative Aptitude For Competitive Examination" by R.S.Agrawal ,7th Revised Edition, S.Chand Publishing for more problems regarding

7. Any other feedback related to course syllabus

- Some of the topics can be eliminated from Unit I and topics related to HTML and CSS should be included.
- As the syllabus covers the most of the details and it is adequete to the upcoming industry demand, I suggest to include some points like regular expression for input data validation. Moreover , in practical, the usage of GUI based editior like Dreamweaver should be allowed so that students are able to put more emphasis on logic development rather than memorizing syntax.
- in Syllabus , there is need for introducing 2 units for mobile computing basics. Everything is based on android , so no basics concepts of mobile networking and computing are in syllabus.
- Subject content can be enhanced by giving additional examples relevant to each concept.
- Subject content can be enhanced by giving additional examples relevant to each concept
- We have to add css and java script related one unit in syllabus
- Syllabus is adequate and good for the students
- One more practical unit in syllabus in comparison theory
- Unit III and Unit VI are relatively lengthy so need to separate from the syllabus if possible.
  We can differentiate the entire syllabus in two parts -one for computer oriented numerical method and second for Operation Research.

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Industry Expert Feedback Analysis on Syllabus of Academic Year 2016-2017

Industry Expert Detail

Sr. No.	Name	Name of Organization	Designation	Contact No
1.	Dhruvil Upadhyay	Lodestone Software Services Pvt Ltd	Team Lead	9909518741
2.	Dhruva Bhayani	Dots and Coms	Senior Web Designer	9978961958
3.	Dhruvil Upadhyay	Lodestone Software Services Pvt Ltd	Project Lead	9909518741
4.	Dhruvil Darji	Helios solutions	Sr. Software Developer	9428151822
5.	Dhruva Darji	Dots & Coms	Senior Web Designer	9601403350
6.	Gulshan Bhatia	Meditab Software Inc	Team Lead	9924856582
7.	Priyank Pandya	Advanced Business & Healthcare Solutions India Pvt. Ltd	Android Developer	8511862415
8.	Ruchi Kansara	Future Group	Team Lead	9974787263
9.	Snehal Dangroshiya	Helios Solutions	Sr. Software Developer	(0265)6535602
10.	Anju Gianchandani	Rang Technologies	HR	7948002741
11.	Sanjay Modhvadia	Advanced Business & Healthcare Solutions India Pvt. Ltd	Android Developer	9825449477
12.	Vishal Bhatt	Igex Solutions	Project Manager	9904519867
13.	Rohan Patel	Advanced Business & Healthcare Solutions India Pvt. Ltd	Software developer	9904181500
14.	Urvish Jani	Vivacious Web Solutions Pvt Ltd	Director	(079)26461126
15.	Anju Gianchandani	Rang Technologies	HR	7948002741
16.	Sanjay Modhvadia	Advanced Business & Healthcare Solutions India Pvt. Ltd	Android Developer	9825449477
17.	Vishal Bhatt	Igex Solutions	Project Manager	9904519867
18.	Rohan Patel	Advanced Business & Healthcare Solutions India Pvt. Ltd	Software developer	9904181500
19.	Urvish Jani	Vivacious Web Solutions Pvt Ltd	Director	(079)26461126
20.	Kilon Mehta	Apex Software House	Director	9879105930

According to Expert below listed points are the best part of Syllabus:

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- Concepts, Coverage
- All basic subjects covered in syllabus
- .net based web service framework coverage
- Practical & Content is according to the current trends
- Latest technologies are included in syllabus
- Mobile Application development and Open Source Frameworks
- It meets current requirement of industry
- Visual Programming, Advance Critical Thinking and Logic
- Web Designing concept, Enterprise Computing
- Last Semester project and open source technology subjects
- Fundamental subject covered in very much detail
- Syllabus meets fundamental requirements of industry
- Visual Basic using C# and Core Java
- Operating System Concepts and Basics of Web Designing
- Latest technologies are included in syllabus
- Mobile Application development and Open Source Frameworks
- It meets current requirement of industry
- Software Quality Assurance, Visual Programming
- Web Designing concept, Enterprise Computing

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According to Expert below listed subject need more focus:

- Practical Angles
- Communication
- Core Java with object oriented concepts
- Web XML and Enterprise computing
- Frameworks
- Visual Programming, Open Source Technology
- Android application development , Enterprise Computing , OOSE
- Open source framework, UI/UX designing
- Cloud computing with real time applications, Advanced Database Technology
- Web Technologies
- Core Java with OOPS concepts and PHP
- Core subjects like C, C++ and Core Java
- Core Java, Core PHP, C and C++
- .net technologies, Data Structure and Web Designing
- Programming the internet and Core Java
- Object Oriented Software Engineering, Visual Programming
- Android application development , Enterprise Computing , OOSE
- Open source framework & Technology
- Web Designing concepts, UI/UX designing
- Cloud computing with real time applications, Advanced Database Technology

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Suggestions Given by Experts:

- Cover more practical stuff, as students are not up to the mark in practical's.
- Practical subject must include lab assignments related to real time problems
- Aptitude preparation and application oriented approach can be carried out during teaching few subjects.
- Mobile application architecture, density independent application and cross platform application development should be included as a part of syllabus
- The syllabus should accommodate all current IT job requirement. So that the weightage of all categories like Designing, programming and testing must be equal.
- More advanced designing technologies like Node JS, Angular JS can be included in syllabus.
- Basic fundamental concepts should be covered in more detail
- Fundamental subject must be taught in detail and try to integrate it with the real life problem. So, broadly student will get vision for solving that problem.
- Some aptitude training can be imparted for pre-final year students
- More advanced designing technologies like Node JS, Angular JS can be included in syllabus.
- Mobile application architecture, density independent application and cross platform application development should be included as a part of syllabus

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Student Feedback Analysis on Syllabus (November – 2016)

Programme Wise Feedback Analysis

BCA(Batch 2014-2017)

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MCA
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Analysis of Feedback on the syllabus for the academic year 2016-2017 given by Stakeholders

Sr. No.	Stakeholder	Feedback Regarding Curriculum	Action Taken
1	Expert from Industry	Aptitude preparation for pre final semester students	Allow 30 minutes of preparation during lab hours. Arrange extra lectures and workshop for preparation. Refer Annexure I for Departmental meetings.
		Basic fundamental concepts should be covered in more detail	Arrangement of extra classes after working hours for preparation of core subjects. Refer Annexure I for Departmental meetings.
		Include advance web designing technologies.	We will arrange the workshop or expert lecture for the techniques. Refer Annexure I for Departmental meetings.
2	Alumni Students	Java,PI,MVC Framework, .NET, Database Technology, Wordpress, SEQA, MPPL and Network related subjects should be covered in more detail.	We will arrange the workshop or expert lecture for the techniques. Refer Annexure I for Departmental meetings.
		Theoretical Subjects like HCI, MIS, IC, FCBP should be covered in less detail.	We have correlated all these subjects with practical aspects.
		Introducing SEO, Ruby on Rails subject in syllabus.	SEO has been included in syllabus of BCA CBCS 2016-17 in semester III as a sub topic in PI course. Ruby on rail architecture subject is introduced in BCA CBCS syllabus w.e.f.2016-17 in semester V as an elective course. Refer Annexure II for Teaching and Learning scheme.
		Include subjects like Computer Graphics, Design Pattern, and AngularJS	The courses have been included in the syllabus of BCA CBCS w.e.f. 2016-17. Refer Annexure II for Teaching and Learning scheme.
		Include subject on Entrepreneur	CHARUSAT has established Entrepreneurship Development and Incubation Cell for motivating and promoting students to become entrepreneurs. Refer Annexure III for EDIC page on university site.
3	Final semester students	More Real Life Examples should be given.	Syllabus is not modified but practical concepts are covered by preparing a case study for every subject.
		Increase number of practical hours.	In the teaching and learning scheme we have incorporated practical credits for some subjects. Refer Annexure II for Teaching and Learning scheme.
		Include advance topics	Arrange workshop and expert lecture for students. Refer Annexure I for Departmental meetings.

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4	Expert from Academic	Cover all the topics in depth with their applications like Macro in MS word and Excel, Pivot tables, Scenario, etc. in BCA syllabus.	The assignments are designed such a way that they cover the in-depth application of the topics.
		Keep it up to date as per market need.	We continuously take feedback from various stakeholders and try to keep the syllabus up to the mark.
		Cyber Security, Ajax framework, Security of WordPress should be covered in more detail	The concerned points are delivered in depth by taking more examples and applications of the concept.

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Annexure I

Departmental Meetings

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MINUTES OF THE TWELTH MEETING (12 of 2016) OF DEPARTMENT

The faculty meeting of CMPICA was held on 30th June, 2016 at 12:40 PM (Board room). The meeting was conducted by Dr. Atul Patel, and following people attended the meeting:

1. Ms Nirali Honest	2. Dr. Sanskruti Patel	3. Mr. Jaimin Undavia
4. Mr. Chirag Patel	5. Ms. Swati Patel	6. Ms. Shreya Banker
7. Ms. Mubina Malik	8. Ms. Trisha Patel	9. Mr. KanubhaiPatel
10. Ms. Dhatri Raval	11. Ms. Hetal Patel	12. Mr. Hardik R. Patel
13. Ms. Sheenal Patel	14. Ms. Nilam Desai	15. Mr. Tushar Mehta
16. Mr. Hardik I.Patel	17. Ms. Rupal Patel	18. Ms. Pooja Parekh
19. Ms.Saumya Patel	20. Mr. Akash Patel	21. Dr. Pritpal Singh
22. Ms. Hetal Desai		

- **Item #1**: Regarding Academic Year 2016- 17:
  - Academic year 2016 - 17 will start from 4th July for BCA –I/III/V, M.Sc.(IT) – I/III, MCAL- III and MCA – V.
  - One week Orientation programme will be organized from 4th July to 9th July for new comers of BCA and M.Sc.(IT). Parents of the new comers students will be invited for the commencement celebration on 4th July, 2016. o Total number of students admitted for academic year 2016 – 17 till date are:
    - BCA : 105 (will be divided into 2 division)
    - MCAL : 108
    - M.Sc.(IT) : 39
    - MCA : 10
- **Item #2**: Atul sir informed all the faculty members to utilize the new features added in Mobile App.
- **Item # 3**: Atul sir have motivated faculties to take the responsibility of admission and also added each faculty has to try to take responsibility of atleast 10 admission for the next academic year.
- **Item #4:** For pre-final semester students, allow aptitude and technical preparation session for last 30 minutes of laboratory hours. Arrange extra classes after working hours to prepare students for core and fundamental concepts.

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MINUTES OF THE FOURTEEN MEETING (14 of 2016) OF DEPARTMENT

The faculty meeting of CMPICA was held on 26th November 2016 at 12:40 PM (Board room). The meeting was conducted by Dr. Atul Patel, and following people attended the meeting:

1. Dr. Dharmendra Patel
2. Dr. Sanskruti Patel
3. Mr Pranav Vyas
4. Dr. Jaimin Undavia
5. Dr. Chirag Patel
6. Mr. Abhilash Shukla
7. Ms. Swati Patel
8. Mr. Karan Patel
9. Ms. Hema Patel
10. Ms. Rachana Patel
11. Mr. Arpit Trivedi
12. Mr. Mahesh Gadhavi
13. Ms. Shreya Banker
14. Ms. Trisha Patel
15. Mr. Kanubhai Patel
16. Ms. Dhatri Raval
17. Ms. Hetal Patel
18. Mr. Hardik R. Patel
19. Ms. Sheenal Patel
20. Ms. Nilam Desai
21. Mr. Tushar Mehta
22. Mr. Hardik I.Patel
23. Ms. Rupal Patel
24. Ms. Pooja Parekh
25. Ms.Saumya Patel
26. Mr. Akash Patel
27. Dr. Pritpal Singh
28. Ms. Hetal Desai

Item#1: ISRO Chairmen will visit CHARUSAT on 8th December, 2016.

Item#2: Subject Allocation: Subjects were allocated to the faculty members for Academic Year 2016 - 2017 even semester of MCA –II , M.Sc.(IT)-II , MCA Lateral-II, MCA-VI, BCA-II , BCA –IV, BCA -VI.

Branch/ Semester	Sr. No.	Subject Code	Subject Name	Faculty Name
MCA Lateral/ II And MCA/IV	1	CA839/CA819	Open Source Technology	Dr. Sanskruti patel Mr. Mahesh Gadhavi
	2	CA840/CA820	Mobile Application Technology	Mr. Nilay Ganatra Ms. Nilam Desai
	3	CA841/CA821	Software Quality Assurance	Dr. Nirali Honest Mr. Arpit Trivedi
	4	CA835/CA822	Windows Communication Foundation Framework	Dr. Chirag Patel
	5	CA836/CA823	Framework And Applications	Mr. Hardik R.Patel Mr. Abhilash Shukla
	1	CA725	Wireless Communications	Mr. Tushar Mehta

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MCA/II	2	CA727	Introduction to Internet and Web Designing	Mr. Karan Patel
	3	CA728	Object Oriented Concepts and Programming	Ms. Hema Patel
	4	CA729	Operating System Concepts and Network Technology	Dr. Dharmendra Patel
BCA /II	1	CA115	Management Information System	Ms. Hetal Desai
	2	CA116	Numerical & Statistical Method	Ms. Swati Patel
	3	CA117	Operating System Concepts	Ms. Rupal Patel
	4	CA118	Advanced Programming	Ms. Shreya Banker
	5	CA119	Data base Fundamentals	Dr. Atul Patel Ms. Trisha Patel
	6	CA120	Fundamentals of Commerce & Business Process	MS. Dhatri Raval
BCA/IV	1	CA205	Data Structure & Algorithms	Ms. Rachna Patel
	2	CA206	Computer Networks & Internet	Mr. Akash Patel
	3	CA207	Multi Paradigm Programming Language	Dr. Jaimin Undavia
	4	CA208	Electronic Commerce	Mr. Hardik I.Patel
BCA/VI	1	CA305	Advanced Computer Networks	Mr. Pranav Vyas
	2	CA306	Software Project Management	Ms. Sheenal Patel
M.Sc(IT)/ II	1	MS210	Wireless Communications	Mr. Kanubhai Patel
	2	MS212	Software Engineering and Quality Assurance	Ms. Hetal Patel
	3	MS213	Programming the Internet	Ms. Saumya Patel
	4	MS214	Framework and Application	Ms. Pooja Patel
	5	MS215	Human Computer Interfaces	Mr. Pritpal Singh

Item #2: Discussion of workshops and expert lectures organized during the semester.

- Workshop on "Developing Interview Skills" was organized on 14-07-2016 by Mr. Vijay Makwana, Ms. Krishna Parikh, Mr. Gaurav Thakkar, Mr. Kaushik Trivedi, Asst. Professor, CHARUSAT.
- Expert Session on "Career Counseling" was organized on 22-07-2016 by Mr. Divyang Purohit,TPO,CHARUSAT.
- Expert Session on "Software Project Management" was organized on 03-08-2016 by Mr. Kishor Tarachandani, CEO, DotsNComs, Vadodara.
- Expert Session on "Web Designing Concepts" was organized on 23-09-2016 by Ms. Dhruva Bhayani, Team Lead, Dot's and Com's, Vadodara.

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- Expert Session on "System Analysis and Design" was organized on 29-09-2016 by "Mr. Pratik Munshi, Professor, Ahmadabad University, Ahmedabad.
- Workshop on "Communication Skills and Self Confidence" was organized on 05-10-2016 by Mr.Jagadish Sasala, Corporate Trainer and Motivational Speaker, Getwings Technologies Pvt. Ltd, Hyderabad.
- Expert Session on "Search Engine Optimization" was organized on 06-10-2016 by Dr. Sohil Pandya,Assistant Professor, MCA Department,SVIT, Vasad.

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MINUTES OF THE THIRD MEETING (03 of 2017) OF DEPARTMENT

The faculty meeting of CMPICA was held on 18th April, 2017 at 2:30 PM (Board room). The meeting was conducted by Dr. Atul Patel, and following people attended the meeting:

1. Dr. Dharmendra Patel	2. Dr. Nirali Honest	3. Dr. Sanskruti Patel
4. Dr. Pranav Vyas	5. Dr. Jaimin Undavia	6. Dr.. Chirag Patel
7. Mr. Abhilash Shukla	8. Ms. Swati Patel	9. Mr. Karan Patel
10. Ms. Hema Patel	11. Mr. Arpit Trivedi	12. Ms. Shreya Banker.
13. Ms. Trisha Patel	14. Mr. KanubhaiPatel	15. Ms. Dhatri Raval
16. Ms. Hetal Patel	17. Mr. Hardik R. Patel	18. Ms. Sheenal Patel
19. Ms. Nilam Desai	20. Mr. Tushar Mehta	21. Mr. Hardik I.Patel
22. Ms. Rupal Patel	23. Ms. Pooja Parekh	24. Ms.Saumya Patel
25. Mr. Akash Patel	26. Dr. Pritpal Singh	27. Mr. Alok Patel
28. Ms. Hetal Desai		

Item #1: Atul Sir informed the faculties to strictly follow the guidelines related to publication of papers in the reputed journals and conference.

Item #2: Discuss the expert sessions organized during the semester.

- Expert Session on "Network Security" was organized on 31-01-2017 by "Dr. Prashant Pittalia,Associate Professor, G H Patel P G Department of Computer Science and Technology,Sardar Patel University, V. V. Nagar.
- Expert Session on "Object Oriented Programming with PHP" was organized on 17-03-2017 by Mr. Vidhyadhar Yagnik, Unisite India Pvt. Ltd., Ahmedabad.
- Expert Session on "Software Testing using Open Source Tools for Desktop and Mobile based" Applications was organized on 31-03-2017 by Mr. Dhaval Chavda, QA Lead, HighQ Solutions, Ahmedabad.
- Expert Session on "Fingerprints, Non invasive and Most Reliable Biometrics for Human Identification- A Review on Conventional and Contemporary Techniques" was organized on 04-04-2017 by "Dr. Rajesh Babu,Assistant Professor, Institute of Forensic Science (IFS), Gandhinagar.
- Expert Session on "Life Skills" was organized on 06-04-2017 by Mr. Jitendra Khimani, Art of Living, Vadodara.

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Annexure II

TEACHING SCHEME

FOR

BCA PROGRAMME

EFFECTIVE FROM

ACADEMIC YEAR 2016-17

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Semester-I

Course Code	Course Title	Teaching Scheme				Examination Scheme						
		Contact Hours			Credit	Theory			Practical			Total
		Theory	Pract	Total		Internal		External	Internal		External	
						Case Study	Tests		Term work	Tests		
CA 109110	Elective-I	3	-	3	3	10	20	70	-	-	-	100
CA 111	Fundamental Concepts Of Programming Language	4	3	7	7	10	20	70	15	15	70	200
CA 112	Introduction to Computers	4	3	7	7	10	20	70	15	15	70	200
CA 113	Programming the Internet-I	--	3	3	3				15	15	70	100
CA 114	Foundation of Mathematics	3	-	3	3	10	20	70	-	-	-	100
HS 101 106 C	Liberal Arts	-	2	2	2				30		70	100
		14	11	25	25	400			400			800

Elective-I

1. CA109 –Introduction to Information Technology
2. CA110 – Foundation of Computer Organization

Semester-II

Course Code	Course Title	Teaching Scheme				Examination Scheme						
		Contact Hours			Credit	Theory			Practical			Total
		Theory	Pract	Total		Internal		External	Internal		External	
						Case Study	Tests		Term work	Tests		
CA115-116	Elective-II	3	-	3	3	10	20	70	-	-	-	100
CA 117	Operating System Concepts	4	3	7	7	10	20	70	15	15	70	200
CA 118	Advanced Programming	4	3	7	7	10	20	70	15	15	70	200
CA 119	Data base Fundamentals	4	3	7	7	10	20	70	15	15	70	200
CA 120	Fundamentals of Commerce & Business Process	3	-	3	3	10	20	70	-	-	-	100
HS121 C	English Language & Literature	1	1	2	2	25		25	25		25	100
		19	10	29	29	550			350			900

Elective-II

1. CA 115–Management Information System
2. CA116–Numerical & Statistical Method

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Semester-III

Course Code	Course Title	Teaching Scheme				Examination Scheme						
		Contact Hours			Credit	Theory			Practical			Total
		Theory	Pract	Tot al		Internal		Exter nal	Internal		Exter nal	
						Case Study	Tests		Term work	Tests		
CA 209210	Elective - III	3	-	3	3	10	20	70	-	-	-	100
CA 211212	Elective – IV	-	3	3	3	-	-	-	15	15	70	100
CA 213	Programming the Internet-II	4	3	7	7	10	20	70	15	15	70	200
CA 214	Object Oriented Programming Using C++	4	3	7	7	10	20	70	15	15	70	200
CA 215	System Analysis and Design	3	-	3	3	10	20	70	-		-	100
HS 122 C	Values and Ethics	2	-	2	2	30		70	-		-	100
	Environmental Science	-	-	2	2	30		70	-		-	100
	University Elective – I **	-	2	2	2	-	-	-	30		70	100
		16	11	29	**29**	600			400			1000

** Student will take any university elective offered by different institutions of university. CMPICA has decided to offer **Introduction to Web Designing** course for others.

Elective-III

1. CA 209 – Fundamentals of Electronic Commerce
2. CA 210 – Introduction to Economics

Elective-IV

1. CA 211 – User Interface Design
2. CA 212 - Visual Basic Applications

Semester-IV

Course Code	Course Title	Teaching Scheme				Examination Scheme						
		Contact Hours			Credit	Theory			Practical			Tot al
		Theory	Pract	Tot al		rnal		Exter nal	Internal		Exter nal	
						Case Study	Tests		Term work	Tests		
CA 216 – 220	Elective - V	4	3	7	7	10	20	70	15	15	70	200

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CA 221	Data Structures & Algorithms	4	3	7	7	10	20	70	15	15	70	200
CA 222	Advanced Database System	-	3	3	3	-	-	-	15	15	70	100
CA 223	Fundamentals of Computer Networks	3	-	3	3	10	20	70	-		-	100
HS 123	Critical Thinking and Logic	2	-	2	2	30		70	-		-	100
	University Elective – II **	2	-	2	2	30		70				100
		15	09	24	24	500			300			800

** Student will take any university elective offered by different institutions of university. CMPICA has decided to offer **Programming the Internet** course for others.

Elective-V

1. CA 216 -Computer Graphics
2. CA 217- Multi Programming Paradigm Language
3. CA 218- System Programming
4. CA 219- Scripting Language
5. CA 220- Basics of Web Designing

Semester-V

Course Code	Course Title	Teaching Scheme				Examination Scheme						
		Contact Hours			Credit	Theory			Practical			Total
		Theory	Pract	Total		Internal		External	Internal		External	
						Case Study	Tests		Term work	Tests		
CA 308– 313	Elective-VI	4	3	7	7	10	20	70	15	15	70	200
CA 314	Object Oriented Programming Through JAVA	4	3	7	7	10	20	70	15	15	70	200
CA 315	Application development using .NET Framework	4	3	7	7	10	20	70	15	15	70	200
CA 316	Software Engineering	-	3	3	3	-	-	-	15	15	70	100
HS 124 C	Professional Communication	-	2	2	2				30		70	100
		12	14	26	26	300			500			800

Elective-VI

1. CA 308 –Introduction to Open Source Technology
2. CA 309 –Advanced Computer Networks
3. CA 310 –Operation Research

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4. CA311–Embedded Programming
5. CA 312-Multimedia –II
6. CA 313-Ruby on Rail Architecture

Semester-VI

Course Code	Course Title	Teaching Scheme				Examination Scheme						
		Contact Hours			Credit	Theory			Practical			Total
		Theory	Pract	Total		Internal		External	Internal		External	
						Case Study	Tests		Term work	Tests		
CA 317 -319	Elective-VII	4	-	4	4	10	20	70	-	-	-	100
CA 320 – 322	Elective-VIII	-	3	3	3	-	-	-	15	15	70	100
CA 323	Minor Project	-	15	15	15	-	-	-	100		300	400
HS 125 C	Society, Governance and International Studies	-	2	2	2	-	-	-	30		70	100
		04	20	24	24	100			600			700

Elective- VII

1. CA 317 –Artificial Intelligence
2. CA318–Cryptography and Network Security
3. CA319–Data Compression Techniques

Elective- VIII

1. CA320–Software Project Management
2. CA321–Basics of Mobile Applications
3. CA322–Computer Graphics-II

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Annexure III EDIC page on the website

charusat.ac.in/edic.php

Admission Inquiry | Admission Application Form | Admission open for Post Graduate Diploma in Cyber Security |

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CHARUSAT

HOME ABOUT US INSTITUTES ADMISSION RESEARCH CENTERS & CELLS STUDENT'S CORNER

Entrepreneurship Development and Incubation Cell

CHARUSAT strives to shape the students as Job Creators and not Job Seekers

Entrepreneurship Development and Incubation Cell (EDIC) is the epicenter of Entrepreneurship at CHARUSAT.

What do we do?

Develop Spirit of Entrepreneurial Culture in Students & Faculty

Encourage Dynamic Start-ups

To facilitate science and technology-based

To train rural poor as entrepreneurs

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AcademicExpert FeedbackAnalysis on Curriculum for Academic Year 2017-2018

Academic Expert Detail

Sr. No.	Name	Name of Organization	Designation	Contact No
1.	Dr. Sohail Pandya	SVIT, Vasad	Assistant Professor	9825714448
2.	Ms. Niketa Bhatt	CSPIT, CHARUSAT Changa	Assistant Professor	9725028431
3.	Mr. Bharat Patel	G.H. Patel , SPU	Assistant Professor	9825809282
4.	Dr. Gaurang Panchal	CSPIT, CHARUSAT Changa	Assistant Professor	9909236993
5.	Jonita Roman	SVIT, Vasad	Assistant Professor	9825977365

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