

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FEEDBACK FROM STAKEHOLDERS AND ACTION TAKEN
(2016-17)

The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations and organizations, etc.

1. a. Employers Feedback

- Recruiters suggested that the students required more training on programming and problem solving skills.
- Need to focus on the basics of engineering.
- The recruiters appreciated that the students are good in soft skills.

1. b. Parents Feedback

- Parents suggested including latest development languages, scripting languages into the syllabus.
- Aptitude training to be conducted on a regular basis.
- Hands-on session for the programming courses to be included in the regular classes.
- Parents appreciated the motivation and guidance given by the faculty members, appreciated the ambience and facilities available at the campus.

1. c. Students Feedback

- Students requested to include mini projects, participation in technical competitions as a part of quality assessment component.
- Students requested practical-oriented teaching for the programming courses.
- Students requested for the latest programming languages to be included in the syllabus.

1. d. Alumnus Feedback

- Alumnus expressed that they are fully satisfied about the healthy environment, infrastructure, well-established lab facilities, industry trained faculty members in the department of Computer Science and Engineering.

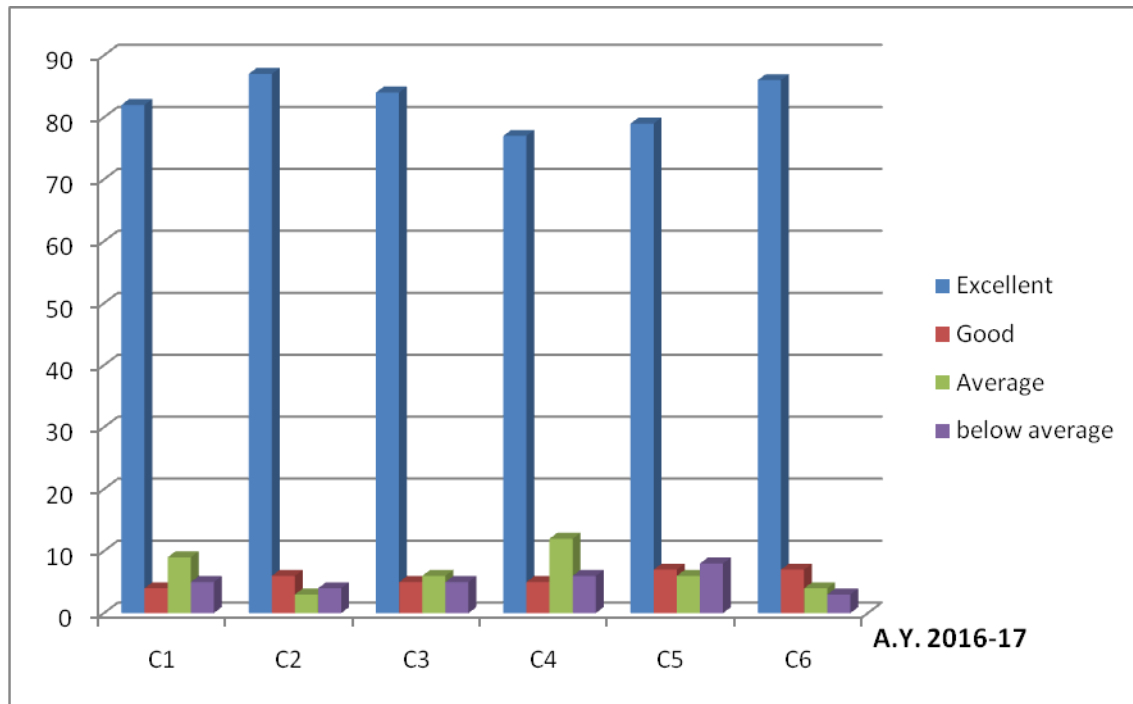
FEEDBACK ANALYSIS 2016-17

The feedback from the parents, employers, alumnus, students and faculty members are analyzed using various criterions and evaluated below.

1. Feedback from parents:

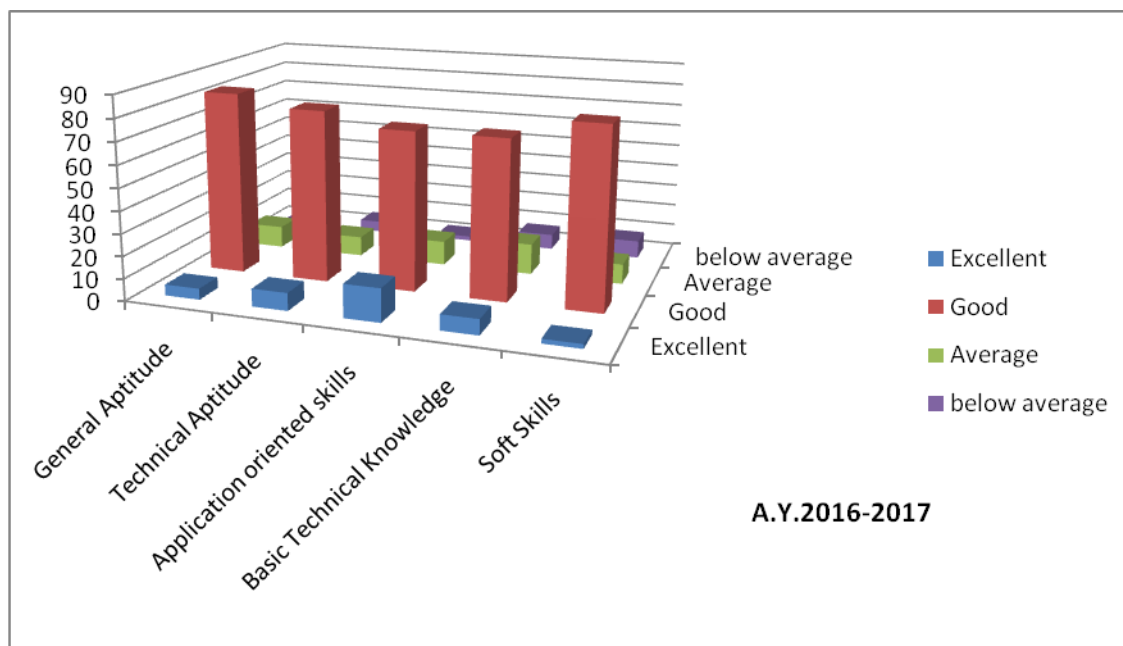
Feedback from the parents are collected during the parent teachers meet every year and analyzed for the improvement of the curriculum based on the following criterions.

	Criterion used for analysis
C1	Curriculum is well designed and incorporates latest topics for better employability
C2	Systematic continuous assessment, end semester examination and result declaration is appreciable
C3	Faculty, Staff's support my wards academic requirements beyond curriculum
C4	The Institute is informative and regularly updated
C5	The Institute has a reasonable career guidance facilities
C6	The Institute helped my ward to improve communication, reading and writing skills



2. Feedback from Employers

Feedback from the recruiters are collected during the placement interviews based on the criteria including general aptitude, technical aptitude, application oriented skills, basic technical knowledge, soft skills.

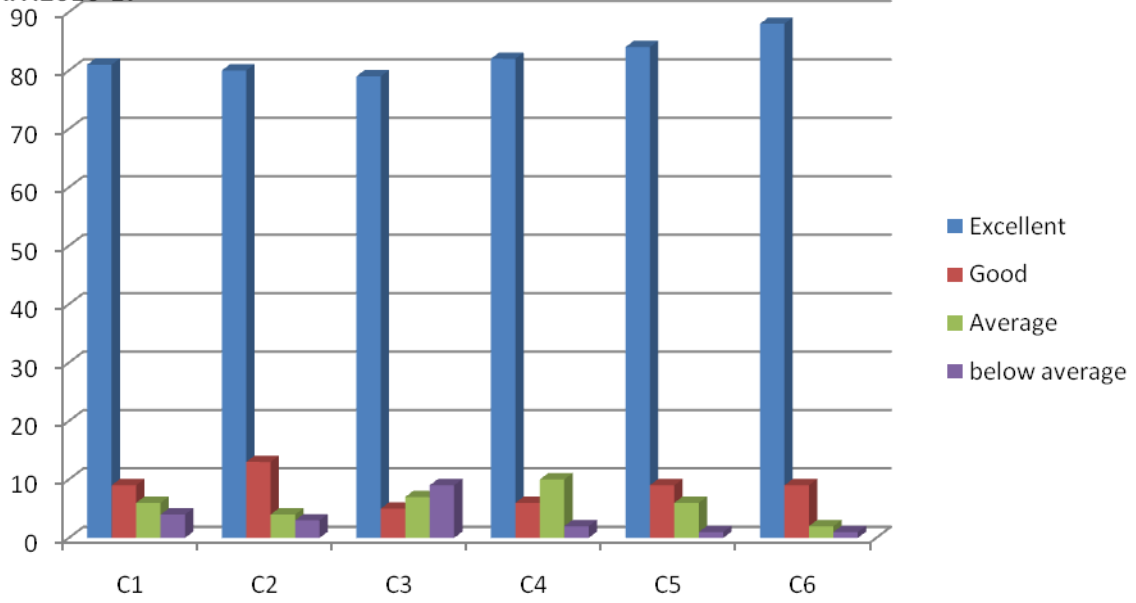


3. Feedback from Alumnus

Feedback from the alumnus is collected during the alumni meeting held every year where the feedback about the curriculum is also collected for analysis and improvement based on the following criteria.

	Criterion used for analysis
C1	Opportunity for improving communication skills
C2	Relevance of curriculum in addressing social needs
C3	Innovation and Creativity
C4	Academic support extended by the faculty
C5	Exposure to emerging technologies through industry lectures
C6	Strong foundation in fundamentals

A.Y.2016-17

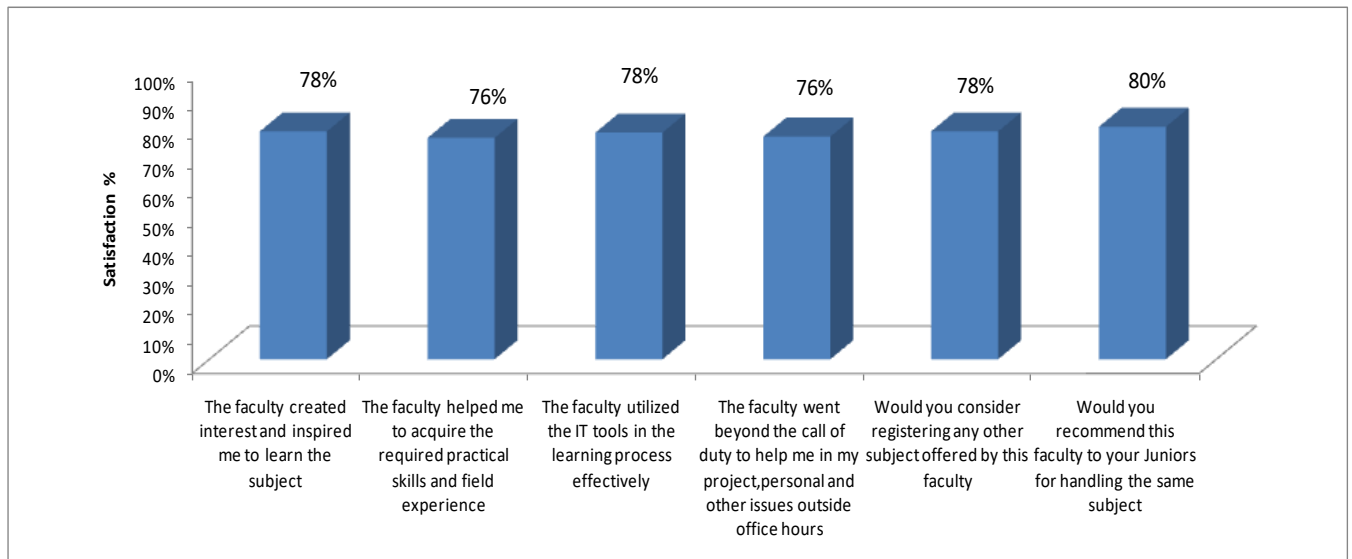


Feedback analysis from students:

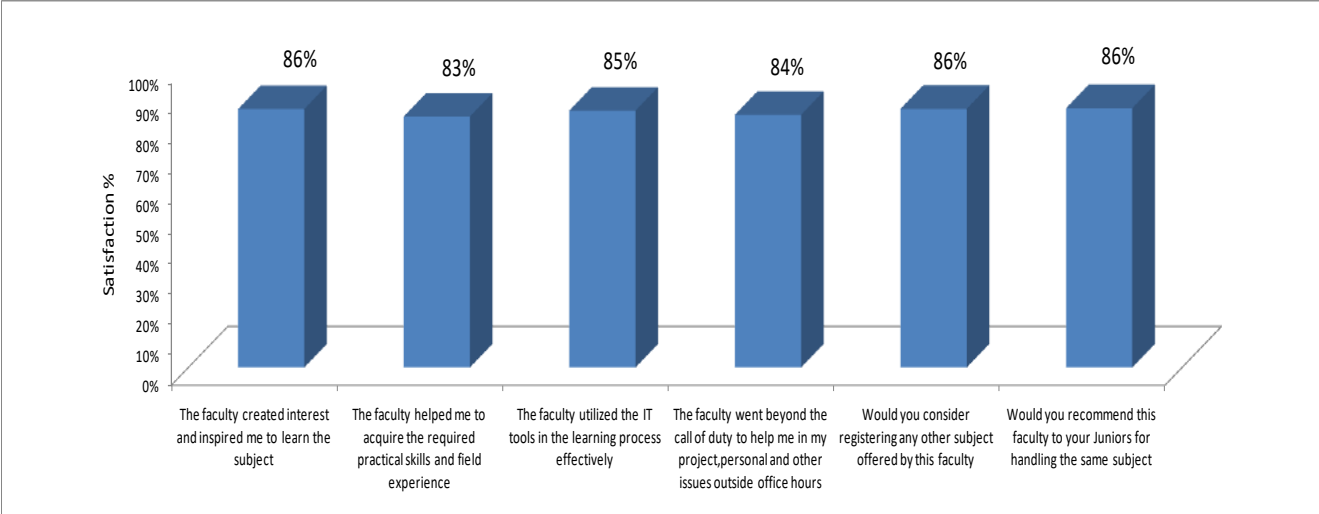
Feedback from the students was collected at the end of every semester to enrich the curriculum according to the industry standards and update it with latest technologies using the following criterion.

- The faculty created interest and inspired me to learn the subject
- The faculty helped me to acquire the required practical skills and field experience
- The faculty utilized the IT tools in the learning process effectively
- The faculty went beyond the call of duty to help me in my project, personal and other issues outside office hours
- Would you consider registering any other subject offered by this faculty
- Would you recommend this faculty to your Juniors for handling the same subject

ODD SEMESTER



EVEN SEMESTER



Feedback 1: Students has to enhance programming and problem solving skills

Centre for Placement & Training
 Karunya Nagar, Coimbatore 641 114
FEEDBACK FROM CORPORATES
PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

1. Name of the Company: M/s NetAPP
 2. Nature of the Company – IT / IITES / Manufacturing / Service / Construction
 3. Please rate the Overall Performance of our students as per the following parameters:-

Technical Skills

Factors	Excellent	Good	Average	Below Average
A General Aptitude			✓	
Technical Aptitude			✓	✓
Application Oriented Skills			✓	
Basic Technical Knowledge			✓	

Soft-Skills

Leadership Qualities			✓	
Professional Knowledge			✓	
Result Orientation			✓	
Creativity			✓	
B Attitude		✓		
Communication Skills			✓	
Interpersonal Relationship			✓	
Team Building		✓		
Self Development			✓	

4. Kindly indicate if you have any other additional feed-back to offer :-

Students lacked basic technical skills, were unable to answer basic questions, and didn't try to solve problems

Signature: [Signature]

Name: RAJSEKHAR

Designation: VR Recruitment & program specialist

Mobile Number: 9538936622

Date: 27/07/2016



Karunya University

(Karunya institute of technology and sciences)
Declared as a Deemed to be University under sec. 3 of the UGC Act, 1956
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ALUMNI FEEDBACK

Dear Alumnus,

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form. It would help us in our efforts to contribute the best talent to the society in terms of qualified and morally upright Engineers.

Name of the Alumnus as per Karunya records: DENZIL GODWIN GRIFFITHS		Reg.No: UR12CS049				
Course Studied (Tick the relevant)		Branch: COMPUTER SCIENCE & ENGINEERING				
IF PLACED-Company Name: TBS SOFTWARE SERVICES Location: KOCHI		Designation: SOFTWARE ENGINEER Salary per Annum: 3.36 LACS				
IF PURSUING HIGHER STUDIES-Institution Name:		Location:				
Course:		Specialization:				
Permanent Address: LAKE VIEW CHS, BLDG NO: H-1/311, SECTOR-14, AIROLI, NAVI MUMBAI, 400708		Communication Address: LAKE VIEW CHS, H-1/311, SECTOR-14, AIROLI, NAVI MUMBAI, 400708				
Pin Code: 400708		Landline with STD Code: 022-27192540				
Email ID: dgodwin12@gmail.com		Facebook Link: dgodwin12@hotmail.com				
Mobile No: 8879860107		9987446125				
Rating						
S.No	Assessment Criteria for Karunya University	5 (Excellent)	4 (Very Good)	3 (Good)	2 (Average)	1 (Needs Improvement)
1	Avenues for improving communication skills	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Personality development and character building	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Attitudinal improvement (such as self-motivation, level of confidence)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Ethical and social responsibilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Relevance of curriculum in addressing social needs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Encouraged to innovate and develop creative products	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Emphasis provided to fundamentals through teaching learning process	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Encouragement received towards higher studies and career guidance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Academic support extended by the faculty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Mentoring and follow-up activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Motivation for co-curricular and extra-curricular activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Exposure to emerging technologies through industrial lectures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Any other comments or suggestions:

Signature: 

Date: 23/4/16

Place: KARUNYA NAGAR, COIMBATORE

SN

Action taken: Annexure I

17CS1001 FUNDAMENTALS OF COMPUTING AND PROGRAMMING [UPDATED VERSION]

Credits: 3:0:0

Course Objectives:

Enable the student to

- study the basic of computers.
- understand the basic syntax of C programming.
- learn concepts of functions, pointers, structures and apply it into real word problems

Course Outcomes:

The student will be able to

- describe the basic functions of computers.
- extend the pseudo-code into coding by using C programming.
- use the C program to solve the real world problems.
- illustrate the C programming concepts to solve the computational problems.
- develop C programs using arrays, strings and functions.
- select the required user defined data types according to given problem statements.

Unit I -Introduction to Computers: Introduction - Characteristics of Computers - Evolution of Computers - Generation of Computers - Classifications of Computers - Basic Computer Organization - Computer Software and Types - Internet - Types of Internet connection - Number Systems.

Unit II-Problem Solving Techniques and Overview to C: Algorithm - Flow chart - Structure of a C Program - C character set - Keywords - Identifiers - Data types - Input and Output in C - Operators - Operator priority and Associativity - Type Conversion.

Unit III -Control Statements and Looping: Program Control Structures - Loop Statements - break and continue - Arrays -Multidimensional Array- Strings - String functions.

Unit IV -Functions and Storage Classes: Functions - Functions with Arrays - Recursion - Storage Classes - Enumerated data type - Renaming Data Types (typedef).

Unit V -Pointers and Structures: Pointers - Pointer to a function - Pointer to arrays - Structure - Array of Structures - Union.

Text Book:

1. Ashok N. Kamthane, “Fundamentals of Computer Programming”, Pearson, 2013, ISBN 978-81-317-0007-5.
2. Byron Gottfried, “Schaum’s Outlines Programming with C”, Third Edition, 2010, McGraw Hill Education, ISBN: 9780070145900

Reference Books:

1. YashwantKanetkar, “Let us C”, 14th Edition, BPB Publications, 2016, ISBN 8183331637.
2. E. Balagurusamy, “Programming in ANSI C”, 6th Edition, Tata McGraw Hill, 2012, ISBN 978-1259004612.
3. AnithaGoel, Ajay Mittal, “Computer Fundamentals and Programming in C”, Dorling Kindersley (India) Pvt. Ltd., 2013, ISBN 978-93-325-1934-3. K R Venugopal, Sudeep R Prasad, “Mastering C”, Second Edition, McGraw Hill Education, 2015, ISBN: 978-9332901278.

Action taken: Annexure I

17CS1001 FUNDAMENTALS OF COMPUTING AND PROGRAMMING [UPDATED VERSION]

Credits: 3:0:0

Course Objectives:

Enable the student to

- study the basic of computers.
- understand the basic syntax of C programming.
- learn concepts of functions, pointers, structures and apply it into real word problems

Course Outcomes:

The student will be able to

- describe the basic functions of computers.
- extend the pseudo-code into coding by using C programming.
- use the C program to solve the real world problems.
- illustrate the C programming concepts to solve the computational problems.
- develop C programs using arrays, strings and functions.
- select the required user defined data types according to given problem statements.

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3. AnithaGoel, Ajay Mittal, “Computer Fundamentals and Programming in C”, Dorling Kindersley (India) Pvt. Ltd., 2013, ISBN 978-93-325-1934-3. K R Venugopal, Sudeep R Prasad, “Mastering C”, Second Edition, McGraw Hill Education, 2015, ISBN: 978-9332901278.

4. Pradip Dey and Manas Ghosh," Programming in C", Oxford University Press, New Delhi, 2009, ISBN: 9780198061175

Feedback 2: Needs aptitude training sessions on a regular basis



Karunya University
Karunya Institute of Technology and Sciences
 Karunya Nagar, Coimbatore - 641114, Tamil Nadu, India

INTERNAL QUALITY ASSURANCE CELL (IQAC)


Feedback from Parents on the Curriculum and Syllabi of the B.Tech./M.Tech. Programme

Feedback from parents to help the University to improve the Curriculum and Syllabi taught to your son/daughter. Your feedback will be placed in Curriculum Development Cell (CDC) and Board of Studies (BoS) during the next revision of curriculum and syllabi. Kindly feel free to give your feedback.

Sl.No.	Feedback	Very Good	Good	Not had
1	Give your feedback on the academic standards of the University	✓		
2	How do you find the curriculum and syllabi of the programme		✓	
3	After completing the programme, the academic understanding of your son / daughter	✓		
4	Support given by Curriculum and syllabi for getting placement to your son/daughter		✓	
5	Improvement of communication skills through the academic programme	✓		

Suggestions for improving the Curriculum and Syllabi:

- Keep placement training sessions uniformly and not in a rushed up manner.
-
-

Signature: 
 Name: J. Sridhar Singh

Father/Mother of: J. Jerome Gideon
(name of the student)

Reg.No. of the Student: UR1AC.S153

Programme: B.Tech. / M.Tech. (...C.S.E...)

Department: School of I.T.

School: School of I.T.

Date: 11/3/17

Action taken: Annexure II

Technical aptitude and General aptitude coaching classes were conducted for the II B.Tech CSE & III B.Tech CSE students.

Overall Coordinator for aptitude classes : II Year - Ms. Diana & III Year - Mr. Belfin			
General Aptitude Training Classes - II Year Name List - Mrs. Deepa & Mrs. Durga			
Batch	Hour	Faculty	Venue
Batch 1	Thurs 1.45 PM - 2.35 PM	Mrs. Shamila	CSLH 003
Batch 2	Thurs 1.45 PM - 2.35 PM	Mrs. Esther	CSLH 004
Batch 3	Thurs 1.45 PM - 2.35 PM	Mrs. Jemima	CSLH 006
Batch 4	Thurs 1.45 PM - 2.35 PM	Mr. Bright	CSLH 103
Batch 5	Thurs 1.45 PM - 2.35 PM	Mr. Iwin	CSLH 104
General Aptitude Training Classes - III Year Name List - Mrs. Deepa & Mrs. Durga			
Batch	Hour	Faculty	Venue
Batch 1	Wed 1.45 - 2.35	Mrs. Diana	CSLH 201
Batch 2	Tues 2.40 - 3.30	Mr. Radhakrishnan	CSLH 201
Batch 3	Tues 2.40 - 3.30	Mr. Belfin	CSLH 202
Batch 4	Tues 2.40 - 3.30	Mrs. Rex fiona	CSLH 203
Batch 5	Wed 1.45 - 2.35	Mr. John	CSLH 202
Batch 6	Wed 1.45 - 2.35	Mr. Felix	CSLH 203

Feedback 3: Latest development languages has to be included



INTERNAL QUALITY ASSURANCE CELL (IQAC)

Feedback from Parents on the Curriculum and Syllabi of the B.Tech./M.Tech. Programme

Feedback from parents to help the University to improve the Curriculum and Syllabi taught to your son/daughter. Your feedback will be placed in Curriculum Development Cell (CDC) and Board of Studies (BoS) during the next revision of curriculum and syllabi. Kindly feel free to give your feedback.

Sl.No.	Feedback	Very Good	Good	Not bad
1	Give your feedback on the academic standards of the University		✓	
2	How do you find the curriculum and syllabi of the programme		✓	
3	After completing the programme, the academic understanding of your son / daughter		✓	
4	Support given by Curriculum and syllabi for getting placement to your son/daughter		✓	
5	Improvement of communication skills through the academic programme	✓		

Suggestions for improving the Curriculum and Syllabi:

1. Include latest development languages and scripting languages into the syllabi
2. Make the end class ~~exercises~~ more practical oriented
3. Prepare them according to the latest challenges faced during the placement interviews

Signature: *[Handwritten Signature]*
 Name: M.K. Sankararam

Father/Mother of JAYANTH S
 (name of the student)

Reg.No. of the Student UR15CS018

Programme: B.Tech. / M.Tech. (B.Tech.)

Department: Computer Science Engineering

School

Date: 11/03/2017

Action taken: Mobile application development syllabus was discussed, scrutinized and included.

14CS2063 MOBILE APPLICATION DEVELOPMENT IN ANDROID

Open with ▼

Prerequisite: 12CS204 Programming in Java

Credits : 3:1:0

Objective:

- To learn the platform, tools and technology and process for developing mobile applications using Google Android.
- To get exposure about file system, multimedia, database and connectivity in the Android operating system.

Outcome:

Students will be able to

- Have a clear understanding of the creation and use of simple user interfaces.
- Use tools to create applications for a mobile platform.
- Create simple graphics for mobile devices.
- Appropriately use different types of networking options for mobile devices.

Introduction – Android Architecture - Android SDK Features – Development Framework – Basics of Android Application – Android Development Tools – Study of Various Mobile Phone Emulators - Creating Applications and Activities – Creating User Interfaces – Intents, Broadcast Receivers, Adapters and Internet – Development of Mobile Gadget using Activity and Intent - Files and Saving Activity State – Databases and Content Providers – Maps, Geocoding and Location-Based Services – Mobile Application Development using SQLite and Google API - Multimedia in Android – Gaming Application Development using Multimedia - Telephony and SMS – Network Connectivity – Mobile Application Development using SQLite, GPS, Connectivity and Multimedia.

Reference Books:

1. Reto Meier, Professional Android 4 Application Development, Third edition, Wrox, 2012. ISBN 978-1118102275.
2. Zigurd Mednieks, Laird Dornin, G. Blake Meike, Masumi Nakamura, Programming Android, Second Edition, O'Reilly Media , 2012. ISBN 978-1449316648
3. Donn Felker, Android Application Development For Dummies, For Dummies, 2010. ISBN 978-0470770184.
4. Wallace Jackson, Android Apps for Absolute Beginners, Apr 2011, ISBN 978-1430234463.

MINUTES OF THE
BOARD OF STUDIES MEETING
SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY
(held on 30.04.16)

Members Present:

- | | |
|--|-------------------|
| 1. Dr. Kumudha Raimond, Professor & Director/CST | - Chairman |
| 2. Mr.Lawrence Mohanraj, DGM-Academic Initiative, IBM, Chennai | - External Member |
| 3. Dr. R. Elijah Blessing, Professor & Director Collaborations | -Internal Member |
| 4. Dr. J. Dinesh Peter, Associate Professor & HOD/IT i/c | -Internal Member |
| 5. Mr. J. Immanuel Johnraja, Asst. Professor & HOD/CSE i/c | -Internal Member |
| 6. Dr.E.Grace Mary Kanaga Asso Prof-CSE | -Internal Member |
| 7. Dr. D. Sujitha Juliet Asst. Professor-IT | -Internal Member |
| 8. Mr.Vinodh Ewards, Head-CTC | -Internal Member |
| 9. Mrs.Shamila Ebenezer, Asst Prof-CSE | -Internal Member |
| 10. Mr.Mathew Kurian, Asst Prof-CSE | -Internal Member |
| 11. Dr.Venketasan,Asst Prof-IT | -Internal Member |
| 12. Dr.S. Salaja Asso Prof-IT | -Member Secretary |

Member Absent:

- | | |
|--------------------------------------|------------------|
| 1. Dr.SP Jeno lovesum, Asst Prof-CSE | -Internal Member |
|--------------------------------------|------------------|

The meeting started with the opening prayer by Dr. Venkatesan-IT


The Director - CST welcomed the internal members of the Board of Studies of School of CST and the expert from the Industry. The Director / CST informed that the external members Dr. George Washington and Mr. Santhosh have expressed their inability to attend the BOS due to official commitments. However, the external members have given their feedbacks through email. She congratulated the efforts put in by the School Curriculum Development Cell.

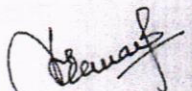
#	Item discussed			
1.	The following subjects for B.Tech. Programme were reviewed and approved and the same is recorded in Annexure I.			
	S.No.	Subject Code	Subject Name	Credit
	1	16CSxxxx	Computational Thinking and Programming	3:0:1
2	14CS2063 (ver 1.1)	Mobile Application Development using Android	3:1:0	
2.	The members of the BoS reviewed the revised course objectives and outcomes of 14CSxxxx and 15CSxxxx subjects. Based on the feedbacks of the BOS members, the courses objectives and outcomes will be corrected and submitted before the preparation of agenda notes.			
3.	Mr.Lawrence Mohanraj, DGM-Academic Initiative, IBM suggested that the certification programme on "Cloud Application Development" will be a value addition for the students. Director - CST appreciated his suggestion and a committee has been formed to provide feedbacks on the same. Further, he also suggested that the quality assessment component of the subjects can be delivered through twitter in order to promote collaborative learning.			

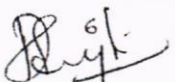
The meeting ended with the closing prayer by Dr. Salaja-IT

- Encl: 1) Annexure I – New Syllabi
2) Annexure II - Revised Course Objectives and Outcomes
3) External Members comments

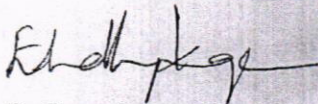

(Mr. Mathew Kurian)



(Dr. Venkatesan)

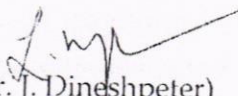

(Mr. Vinodh Edwards)

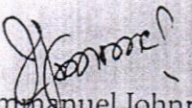

(Dr. D. Sujitha Juliet)



(Mrs. Shamila Ebenezer)

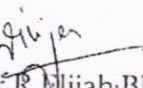

(Dr. E. Grace Mary Kanaga)

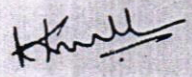

(Dr. S. Salaja)


(Dr. J. Dineshpeter)


(Mr. J. Immanuel Johnraja)


30/4/2016
(Mr. Lawrence Mohanraj)


(Dr. R. Nijah Blessing)


(Dr. Kumudha Raimond)

ACTION TAKEN REPORT 2016-17

The stakeholders have appraised the updated course contents, knowledge of the students, willingness towards continuous learning, communication skills, satisfactory level of response from the Institution, etc. The action taken report on the following feedback is mentioned here.

Sl. No.	Feedback	Action taken
1	To enhance the problem solving skills of the students	<p>The course titled Programming for Problem Solving was included in the curriculum (Annexure I)</p> <p>The General aptitude and Technical aptitude training sessions were included in the time table (Annexure II).</p> <p>The syllabus for the course Mobile Application Development using Android was reviewed with industry expert and the syllabus was updated (BoS minutes)</p>
2	To develop the practical knowledge of the students	<p>Mini projects were given as a part of quality assessment</p> <p>Laboratory sessions were given more importance through the concerned faculty members</p> <p>The course content for the subject Computational Thinking and Programming, Mobile application development using android was reviewed and approved (BoS minutes).</p>