

## FACULTY PROFILE

SL.N O	NAME OF THE FACULTY	POSITION	TOTAL WORKING EXPERIENCE IN YEARS	DATE OF JOINING	EXPERIENCE IN KRUPANIDHI IN YEARS
1	Sabitha.S	HOD	8.7	23/07/2007*	8.7
2	Parameshwari.K	Associate Professor	7.2	07/03/2011	6.2
3	Chethan C Naduvimath	Assistant Professor	4.3	17/01/2014	3.3
4	N Anuradha	Assistant Professor	3.3	02/06/2017	1
5.	Dr Pranesh Kulkarni	Associate Professor	17	10/10/2017	0.8
6	Chithra	Assistant Professor	0.3	01/02/2018	0.3
7	J Roopini	Assistant Professor	0.1	02/04/2018	0.1

## 1. STUDENTS PROFILE BASED ON THE GENDER

YEAR	SEM	BOYS	GIRLS	TOTAL
FIRST	I	21	25	46
	II	21	25	46
SECOND	III	42	21	63
	IV	39	20	59
THIRD	V	16	26	42
	VI	15	26	41

## 2. STUDENTS PROFILE BASED ON THE REGION

YEAR	SEM	KARNATAK A	NON- KARNATAK A	FOREIGN	TOTAL
FIRST	I	30	11	5	46
	II	30	11	5	46
SECOND	III	36	12	15	63
	IV	34	11	14	59
THIRD	V	21	18	3	42
	VI	21	18	2	41

## 3. STUDENT DROPOUT RATES

YEAR	DROPOUT PERCENTAGE
FIRST	0
SECOND	6.35
THIRD	2.38

## CATEGORY WISE DETIALS

<b>I YEAR - 2017 BATCH</b>				
	<b>I SEM</b>		<b>II SEM</b>	
	<b>MALE</b>	<b>FEMALE</b>	<b>MALE</b>	<b>FEMALE</b>
<b>SC</b>	1	4	1	4
<b>ST</b>	0	2	0	2
<b>GEN</b>	9	2	9	2
<b>OBC</b>	3	1	3	1
<b>II A &amp; B</b>	6	5	6	5
<b>III A &amp; B</b>	2	11	2	11
<b>CAT-1</b>	0	0	0	0

<b>II YEAR – 2016 BATCH</b>				
	<b>III SEM</b>		<b>IV SEM</b>	
	<b>MALE</b>	<b>FEMALE</b>	<b>MALE</b>	<b>FEMALE</b>
<b>SC</b>	5	3	5	3
<b>ST</b>	0	0	0	0
<b>GEN</b>	2	4	1	4
<b>OBC</b>	1	2	0	1
<b>II A &amp; B</b>	15	8	14	8
<b>III A &amp; B</b>	17	6	17	6
<b>CAT-1</b>	0	0	0	0

<b>III YEAR - 2015 BATCH</b>				
	<b>V SEM</b>		<b>VI SEM</b>	
	<b>MALE</b>	<b>FEMALE</b>	<b>MALE</b>	<b>FEMALE</b>
<b>SC</b>	2	3	2	3
<b>ST</b>	0	0	0	0
<b>GEN</b>	1	1	0	1
<b>OBC</b>	0	2	0	2
<b>II A &amp; B</b>	10	14	10	14
<b>III A &amp; B</b>	3	6	3	6
<b>CAT-1</b>	0	0	0	0

**I YEAR BCA -2017 BATCH  
FIRST SEMESTER**

SL NO	REG. NO	NAME OF THE STUDENT
1	17B6SB7001	ABHISHEK KUMAR
2	17B6SB7002	ALPHA AMADOU DIALLO
3	17B6SB7003	AMADOU TIDIANE LY
4	17B6SB7004	AMAL LAKSHMAN
5	17B6SB7005	AMREEN NISHATH
6	17B6SB7006	APOORVA M
7	17B6SB7007	ARCHANA Y
8	17B6SB7008	ASHWINI D
9	17B6SB7009	C LILYPARI
10	17B6SB7010	CHANDAN L
11	17B6SB7011	CHANDANA R
12	17B6SB7012	DEV KUMAR
13	17B6SB7013	GUNASHREE
14	17B6SB7014	ISMAIL BLADE
15	17B6SB7015	JAY RAM DAS
16	17B6SB7016	K B ASHOKKUMAR
17	17B6SB7017	KAVYASHREE P N
18	17B6SB7018	KEERTHI BHUSHAN S
19	17B6SB7019	LOKESHWARI B M
20	17B6SB7020	MALAPATI SESIREKHA
21	17B6SB7021	MAMATHA CHAND J B
22	17B6SB7022	MAMATHA M
23	17B6SB7023	MANJUNATH BABU B
24	17B6SB7024	MONISHA S REDDY
25	17B6SB7025	MURALI KRISHNA
26	17B6SB7026	N G ROSHID BAIG
27	17B6SB7027	N SHARVESH KIRAN
28	17B6SB7028	NAVEEN REDDY S
29	17B6SB7029	OUIDI AMRHAN ABDOUL WAHID GAVINN
30	17B6SB7030	PUSULURI RAMYANJALI
31	17B6SB7031	RAMYA V
32	17B6SB7032	S ARCHITHA
33	17B6SB7033	SANDHIYA V
34	17B6SB7034	SANTOSH G
35	17B6SB7035	SHEETAL B C
36	17B6SB7036	SINDHU K
37	17B6SB7037	SMITA MOHANTA
38	17B6SB7038	SRINIVAS S

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39	17B6SB7039	SUPRIYA R
40	17B6SB7040	SYED SHAIZAN SHAH
41	17B6SB7041	TEJAS JHA
42	17B6SB7042	TEJASHREE J M
43	17B6SB7043	V LAVANYA
44	17B6SB7044	VANDANA H K
45	17B6SB7045	YASHASWINI Y L
46	17B6SB7046	YENDLAPALLI VINAYKUMAR NAIDU

**I YEAR BCA -2017 BATCH  
SECOND SEMESTER**

SL NO	REG. NO	NAME OF THE STUDENT
1	17B6SB7001	ABHISHEK KUMAR
2	17B6SB7002	ALPHA AMADOU DIALLO
3	17B6SB7003	AMADOU TIDIANE LY
4	17B6SB7004	AMAL LAKSHMAN
5	17B6SB7005	AMREEN NISHATH
6	17B6SB7006	APOORVA M
7	17B6SB7007	ARCHANA Y
8	17B6SB7008	ASHWINI D
9	17B6SB7009	C LILYPARI
10	17B6SB7010	CHANDAN L
11	17B6SB7011	CHANDANA R
12	17B6SB7012	DEV KUMAR
13	17B6SB7013	GUNASHREE
14	17B6SB7014	ISMAIL BLADE
15	17B6SB7015	JAY RAM DAS
16	17B6SB7016	K B ASHOKKUMAR
17	17B6SB7017	KAVYASHREE P N
18	17B6SB7018	KEERTHI BHUSHAN S
19	17B6SB7019	LOKESHWARI B M
20	17B6SB7020	MALAPATI SESIREKHA
21	17B6SB7021	MAMATHA CHAND J B
22	17B6SB7022	MAMATHA M
23	17B6SB7023	MANJUNATH BABU B
24	17B6SB7024	MONISHA S REDDY
25	17B6SB7025	MURALI KRISHNA
26	17B6SB7026	N G ROSHID BAIG
27	17B6SB7027	N SHARVESH KIRAN
28	17B6SB7028	NAVEEN REDDY S
29	17B6SB7029	OUIDI AMRHAN ABDOUL WAHID GAVINN
30	17B6SB7030	PUSULURI RAMYANJALI
31	17B6SB7031	RAMYA V
32	17B6SB7032	S ARCHITHA
33	17B6SB7033	SANDHIYA V
34	17B6SB7034	SANTOSH G
35	17B6SB7035	SHEETAL B C
36	17B6SB7036	SINDHU K
37	17B6SB7037	SMITA MOHANTA
38	17B6SB7038	SRINIVAS S

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39	17B6SB7039	SUPRIYA R
40	17B6SB7040	SYED SHAIZAN SHAH
41	17B6SB7041	TEJAS JHA
42	17B6SB7042	TEJASHREE J M
43	17B6SB7043	V LAVANYA
44	17B6SB7044	VANDANA H K
45	17B6SB7045	YASHASWINI Y L
46	17B6SB7046	YENDLAPALLI VINAYKUMAR NAIDU

**KRUPANIDHI DEGREE COLLEGE**  
**II YEAR BCA -2016 BATCH**  
**THIRD SEMESTER**

SL. NO	REGISTER NO.	NAME OF THE STUDENT
1	16B6SB7001	AJITH M
2	16B6SB7002	AKHIL TOM
3	16B6SB7003	ALLAN M G
4	16B6SB7004	ANILKUMAR V
5	16B6SB7005	ARUN TOM JOSE
6	16B6SB7006	ASHISH TAKSHAK
7	16B6SB7007	ASHWINI M
8	16B6SB7008	CHAITRA S
9	16B6SB7009	CHARAN H D
10	16B6SB7010	DAYANANDA N
11	16B6SB7011	DEEPAK KUMAR M
12	16B6SB7012	DHANUSH K
13	16B6SB7013	GAURAV SAIKIA
14	16B6SB7014	HAMSA S
15	16B6SB7015	HARSHITHA R
16	16B6SB7016	LALDUHAWMA SAILO
17	16B6SB7017	LALRUATFELA
18	16B6SB7018	MONIKA B
19	16B6SB7019	MONISH G
20	16B6SB7020	MULAMREDDY KOTIREDDY
21	16B6SB7021	MUPPARAJU TEJA SIVA BHAVANI
22	16B6SB7022	NAVEEN RAKSHITH
23	16B6SB7023	NAVYASREE G
24	16B6SB7024	NITHIN K S
25	16B6SB7025	PASSANG LAMU TAMANG
26	16B6SB7026	POOJA B R
27	16B6SB7027	POOJA M
28	16B6SB7028	PREM V
29	16B6SB7029	RABI MAYA PRADHAN
30	16B6SB7031	RAMYA S
31	16B6SB7032	RANI B K
32	16B6SB7033	ROHAN M
33	16B6SB7034	ROOPA C
34	16B6SB7035	SAMSON S THOMAS
35	16B6SB7036	SANTHOSH C
36	16B6SB7037	SHARATH BABU V
37	16B6SB7038	SUPRIYA V
38	16B6SB7039	SWETHA K
39	16B6SB7040	SYED SHOAIB S K



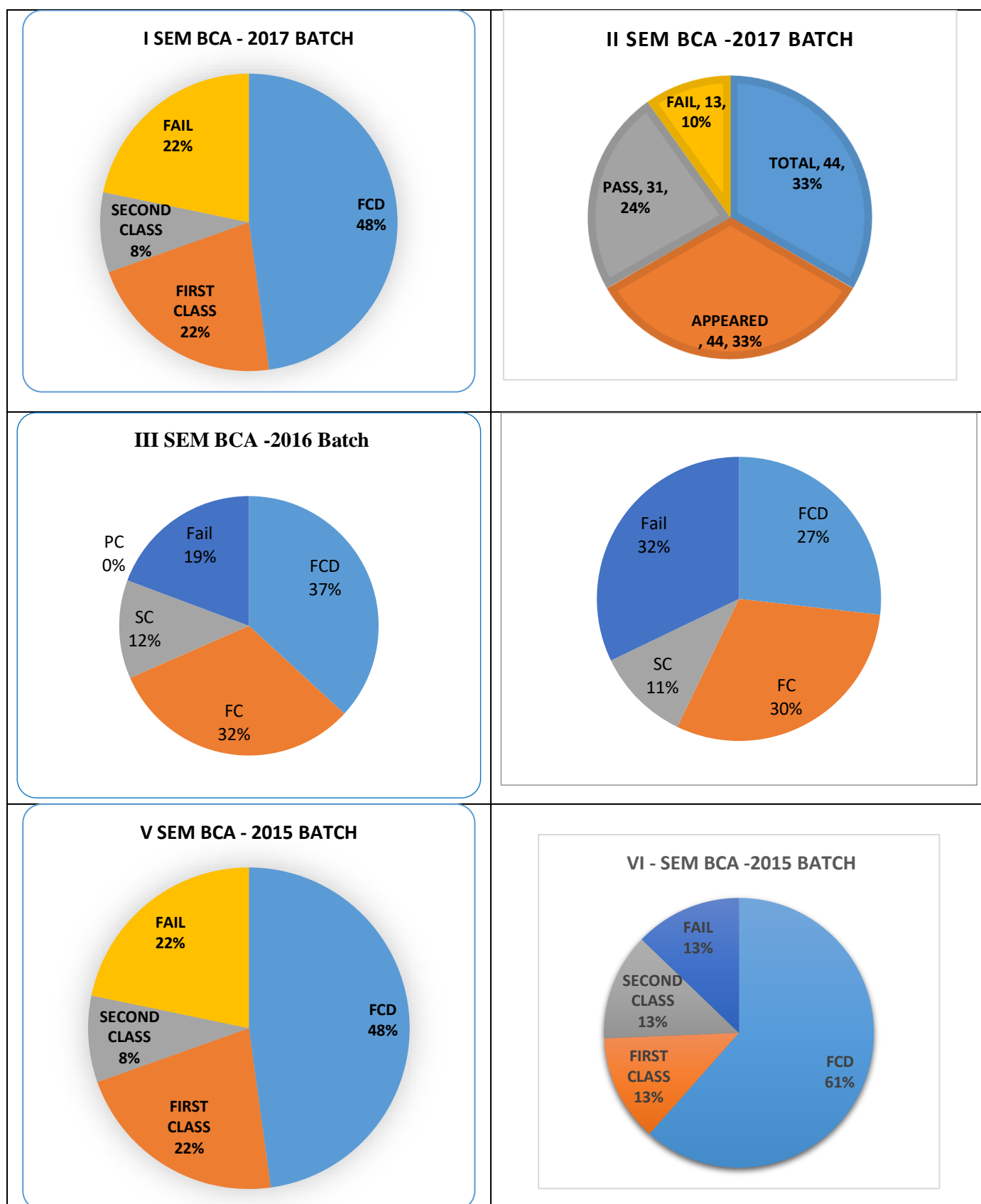
40	16B6SB7041	TAMDING TROGYAL
41	16B6SB7042	TASHI CHOTSO
42	16B6SB7043	VAISHAGH DAS
43	16B6SB7044	VAMSHI KUMAR K
44	16B6SB7045	VANDANA C
45	16B6SB7046	VENKATESH V
46	16B6SB7047	VILMA BOJAMMA A P
47	16B6SB7048	YUNITA RAI
48	16B6SB7049	AMADOU CIRE SOW
49	16B6SB7050	BILAL
50	16B6SB7051	EMMANUEL HABA
51	16B6SB7052	FARIDULLAH
52	16B6SB7053	KOFFI CEDRIC STEPHANE
53	16B6SB7054	KSHITIZ UPRETY
54	16B6SB7055	LE THANH HUONG
55	16B6SB7056	MUVILASH S
56	16B6SB7057	NAVEEN KUMAR V
57	16B6SB7058	OBOJADE OGHENEKIOJA EVIDENCE
58	16B6SB7059	OMID
59	16B6SB7060	OUMAR DIOUBATE
60	16B6SB7061	PAUL SAGNON GUILAVOGUI
61	16B6SB7062	SABAOON
62	16B6SB7063	SANAULLAH
63	16B6SB7064	SHARIFULLAH

**II YEAR BCA -2016 BATCH  
FOURTH SEMESTER**

SL. NO	REGISTER NO.	NAME OF THE STUDENT
1	16B6SB7001	AJITH M
2	16B6SB7002	AKHIL TOM
3	16B6SB7003	ALLAN M G
4	16B6SB7004	ANILKUMAR V
5	16B6SB7005	ARUN TOM JOSE
6	16B6SB7006	ASHISH TAKSHAK
7	16B6SB7007	ASHWINI M
8	16B6SB7008	CHAITRA S
9	16B6SB7009	CHARAN H D
10	16B6SB7011	DEEPAK KUMAR M
11	16B6SB7012	DHANUSH K
12	16B6SB7014	HAMSA S
13	16B6SB7015	HARSHITHA R
14	16B6SB7016	LALDUHAWMA SAILO
15	16B6SB7017	LALRUATFELA
16	16B6SB7018	MONIKA B
17	16B6SB7019	MONISH G
18	16B6SB7020	MULAMREDDY KOTIREDDY
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20	16B6SB7022	NAVEEN RAKSHITH
21	16B6SB7023	NAVYASREE G
22	16B6SB7024	NITHIN K S
23	16B6SB7025	PASSANG LAMU TAMANG
24	16B6SB7026	POOJA B R
25	16B6SB7027	POOJA M
26	16B6SB7028	PREM V
27	16B6SB7029	RABI MAYA PRADHAN
28	16B6SB7031	RAMYA S
29	16B6SB7032	RANI B K
30	16B6SB7033	ROHAN M
31	16B6SB7035	SAMSON S THOMAS
32	16B6SB7036	SANTHOSH C
33	16B6SB7037	SHARATH BABU V
34	16B6SB7038	SUPRIYA V
35	16B6SB7039	SWETHA K
36	16B6SB7040	SYED SHOAIB S K
37	16B6SB7041	TAMDING TROGYAL
38	16B6SB7042	TASHI CHOTSO

39	16B6SB7043	VAISHAGH DAS
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46	16B6SB7050	BILAL
47	16B6SB7051	EMMANUEL HABA
48	16B6SB7052	FARIDULLAH
49	16B6SB7053	KOFFI CEDRIC STEPHANE
50	16B6SB7054	KSHITIZ UPRETY
51	16B6SB7055	LE THANH HUONG
52	16B6SB7056	MUVILASH S
53	16B6SB7057	NAVEEN KUMAR V
54	16B6SB7058	OBOJADE OGHENEKIOJA EVIDENCE
55	16B6SB7059	OMID
56	16B6SB7061	PAUL SAGNON GUILAVOGUI
57	16B6SB7062	SABAOON
58	16B6SB7063	SANAULLAH
59	16B6SB7064	SHARIFULLAH

## RESULT ANALYSIS



### **TECHNICAL SEMINAR - IoT**

A technical seminar on Internet of Things (IoT) was organized on 15<sup>th</sup> July 2017 at the Conference hall, Krupanidhi Degree College for BCA students. 106 students of BCA department attended the seminar. Prof. P. M Shyjan, Dean of Krupanidhi Degree College, inaugurated the programme at 11.30 AM. The technical seminar was facilitated by Asst. Professor Vinay. M, Christ University,

The session started with the introduction of IoT, applications of IOT and technical concepts related to IOT. The resource person highlighted on the application areas, implementation and the relevance of it in today's context.

The technical seminar really helped the students to gather the knowledge that **Internet of Things (IoT)** is the inter-networking of physical devices, vehicles (also referred to as "connected devices" and "smart devices"), buildings, and other items embedded with electronics, software, sensors, actuators, and network connectivity which enable these objects to collect and exchange data.



## PLACEMENT TRAINING

The placement training was held on 25<sup>th</sup> July 2017. It had different level of training and discussion. The first interaction session was with our final BCA students and the alumini of BCA. The name of the students are 1. Sendhil Kumar,2. Pranoy Ponnachan 3. Rahul P. The discussion went nice and useful for the students as they were telling about the use of the training, resume and aptitude. The students were very much interested in knowing the things from their seniors. The discussion was about how to prepare the resume, expectation of industry from the students and so on.

The second interaction session lead by Mr. Justin Chacko, placement officer, Krupanidhi School of Management. The discussion was about how to prepare for placement like body language, before interview do survey about the company, dress code, attitude etc.,

The third session was the Aptitude Test conducted online by the Keerthi.R, Aptitude Trainer. In this session, the online aptitude test was conducted, so that the students will get the exposure how it is really conducted in the placement.

The fourth session was the mock interview. We conducted two rounds of interview one is HR interview conducted by Prof. Winston, Dept of Language.it included Tell about yourself , positive and negative and so on. The next interview was the Technical interview conducted by Prof. Keerthi.R. The student got the knowledge of how the actual interview will be. The overall program is co-ordinated by Sabitha. S, Head, Department of BCA.





## **Guest Lecture on “LAN Standards”**

Department of BCA organized Guest Lecture on “LAN Standards” for the III year BCA students on 21-10-2017 at 10:00 A.M.

### **Objective of the program**

To give the knowledge for students on different types of LAN Standards and what are their applications.

### **Outcome of the program**

Students are happy about the program and they gained the knowledge about the different LAN standards and their applications in the area of networking.

### **The details are follows**

Department of Computer Applications organized a Guest Lecture on “LAN Standards” on 21-10-17.

The welcome speech was given by Ms. Shivani.M, V Sem BCA. The session was handled by Mr. Lohith.J.J., Assistant Professor in the department of Computer Science and Engineering of B.M.S. College of Engineering got expertise in Networking.

In the session, he introduced the LAN Standards- Ethernet, 802.3 LAN Standard ; Token Ring and IEEE 802.5, FDDI, Wireless LAN's and IEEE 802.11 Standards and the applications of LAN standards in the area of Networking.

The vote of Thanks is given by Ms. Asha Jyothi N, V sem BCA.

The session was very interactive and students gained the knowledge of the basic concepts of Networking and the real time applications of LAN Standards. Total 34 students from III year had attended the program.



## **Guest Lecture on “Traditional Symmetric-Key Ciphers”**

Department of BCA organized Guest Lecture on “Traditional Symmetric-Key Ciphers” for III and II year BCA students on 27-01-2018 at 10:00 A.M to 12.30 P.M.

### **Objective of the program**

To give the knowledge for students about Traditional symmetric-key ciphers, types and their techniques.

### **Outcome of the program**

Students are happy for the session and they gained knowledge about Traditional symmetric-key ciphers types and techniques with examples.

### **The details are follows**

Department of Computer Science (BCA) organized a Guest Lecture on “Traditional Symmetric-Key Cipher” on 27-01-2018.

The welcome speech was given by Ms. Aafiya Sidrath, VI Sem BCA. The session was handled by Mr. Lohith.J.J., Assistant Professor in the department of Computer Science and Engineering of B.M.S. College of Engineering.

In the session, he introduced traditional symmetric-key cipher, definition of Cryptography, Cryptanalysis and Cryptology; Types of Cryptanalysis attacks: cipher text only, known plaintext, chosen plaintext, chosen cipher text; Types of Substitution Ciphers: Mono Alphabetic substitution cipher and Poly Alphabetic substitution cipher; Types of Mono Alphabetic substitution cipher: Additive cipher, Multiplicative cipher, Affine cipher and their subdivisions with example each.

The vote of Thanks is given by Ms. Shivani. M, VI Sem BCA.

The session was very interactive and students gained the knowledge of the basic concepts of Traditional Symmetric-Key Ciphers, types and their techniques. Total 53 students from III and II year had attended the program.



## **Workshop on “Adobe Photoshop”**

Department of BCA organized workshop on “Adobe Photoshop” for the II year and I year BCA students on 27-09-2017 at 11.30 A.M.

### **Objective of the program:**

To give the knowledge for students on how to manipulate images to improve their overall appearance and makes photo editing easy and efficient.

### **Outcome of the program:**

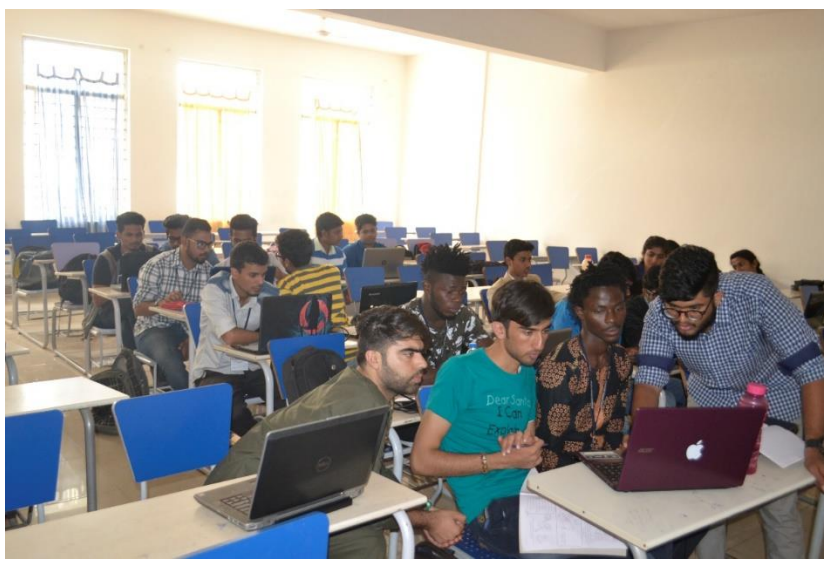
Students are happy about the program and they got hands on experience on how to use Adobe Photoshop” software for editing the image, creation of the certificate and banner design.

### **The details are follows:**

Department of Computer Applications organized a workshop on “Adobe Photoshop” on 27-09-17.

The welcome speech was given by Ms. Sabitha. S, HOD, Department of BCA. The session was handled by Mr. Binesh S. Exposure Photography. In the session, he introduced the Adobe Photoshop and also discussed the need and the applications of Photoshop. He had concentrated mainly on certificate and banner design.

The session was very interactive in which the students participated actively. The theory session was followed by the practical session. In the practical session students were given various assignments like image editing, creating graphics etc. The students got hands on experience. The session was very interesting and informative. Total 20 selected students from 2<sup>nd</sup> and 3<sup>rd</sup> years had attended the program



## **Workshop on “ DJANGO PYTHON – Database Connectivity”**

Department of BCA organized workshop on “DJANGO PYTHON – CART” for the III year BCA students on 26-02-2018 at 11.00 A.M.

**Objective of the program:** To give the knowledge for students on how to connect to the backend of SQLite on their web based application project.

**Outcome of the program:**

Students are happy about the program and they got hands on experience on Django-Python Database connectivity using SQLite.

**The details are follows:**

Department of BCA organized a workshop on “DJANGO PYTHON – DATABASE CONNECTIVITY” on 26-02-18 between 11.00 A.M to 1.30 P.M.

The session was handled by Mr. Sandeep K, Anspro Technologies. During the session students have learned how to create the models, store, retrieve and modify the contents in the models . They also learned to how to display data from the models into their UI.

Total 39 students from 3<sup>rd</sup> year had attended the program.





## **Workshop on “ DJANGO PYTHON – Cart”**

Department of BCA organized workshop on “DJANGO PYTHON – CART” for the III year BCA students on 21-03-2018 at 1.30 P.M.

Objective of the program: To give the knowledge for students on how to include cart on their web based application project.

Outcome of the program:

Students are happy about the program and they got hands on experience on how to include “Cart” for their final semester project

The details are follows:

Department of BCA organized a workshop on “DJANGO PYTHON – CART” on 21-03-18 between 2.00 P.M to 4.15 P.M.

The session was handled by Mr. Sandeep K, Anspro Technologies. In the session, he introduced the Shopping cart. The session was very interactive in which the students participated actively. Total 33 students from 3<sup>rd</sup> year had attended the program.



## **SOCIAL OUTREACH PROGRAMME- “A VISIT TO SWANTHANA”**

On 03-03-2018 Dept. of BCA, Krupanidhi Degree College conducted a social outreach program. Nearly 90 students visited “SWANTHANA” a centre for mentally and physically challenged girl children.

Students of BCA and faculty members contributed necessary things for children’s daily needs. Students of BCA conducted various programs to entertain children of SWANTHANA. Later personals of SWANTHANA allowed students to see the environment of SWANTHANA, and explained the way children in SWANTHANA are taken care.

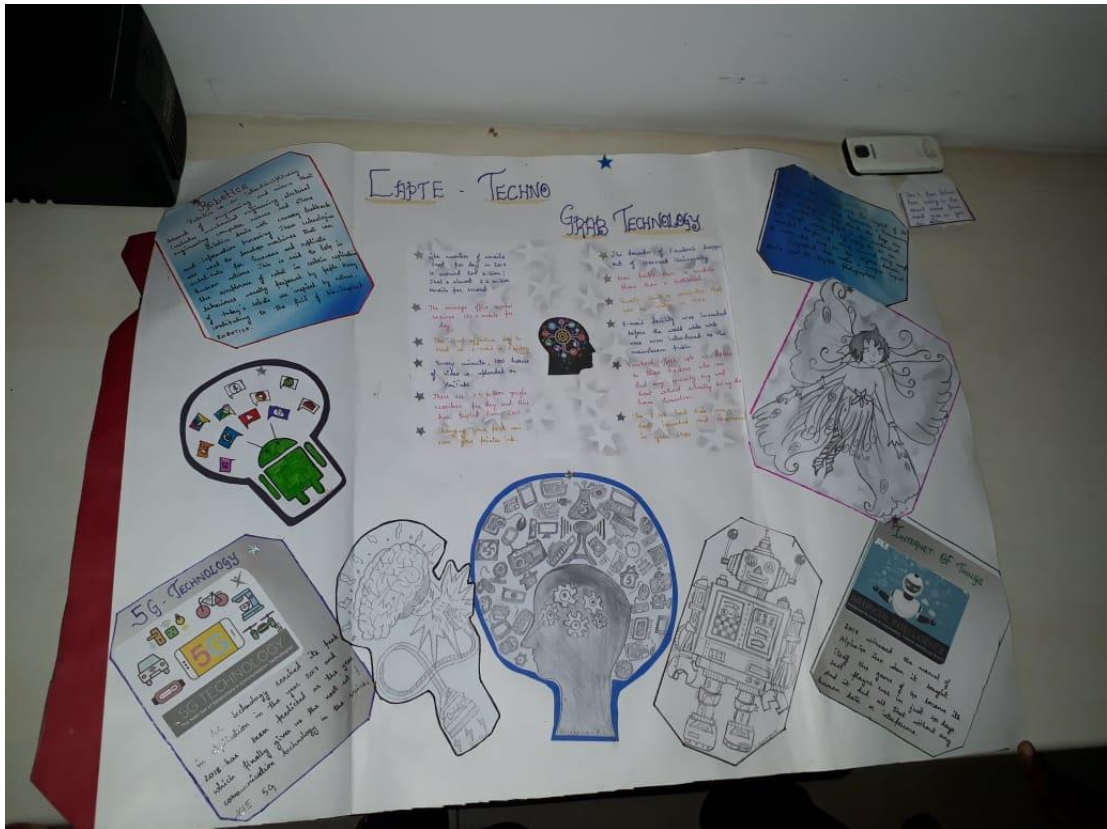


## CAPTO TECHNE- WALL MAGAZINE

Department of BCA students release wall magazine in every month as per the schedule.

A **wall magazine** is a periodical run on a notice board, where the students of BCA department can post their articles, poems, drawings and other such compositions to share with each other.





## **“STRIDES”- BCA GAZETTE**

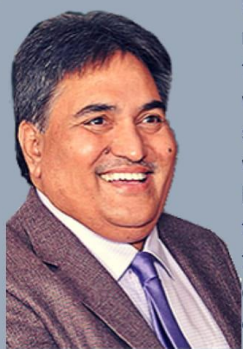
BCA Gazette, “Strides” is to inculcate in BCA students an attitude of the above the mentioned objectives. “Strides” is a great platform for the BCA students to walk with long, decisive steps in a technological direction. The first volume of Strides is released on “09/08/2017”. The student coordinator is Mr. Katta Prem Kumar of 3<sup>rd</sup> year and Faculty Co-coordinator is Ms. Parameswari. K.



# Strides



T O U C H  
W I T H  
T O M O R R O W



Prof. Dr. SURESH NAGPAL  
CHAIRMAN.

Whenever I am asked to define education, the following quote always comes to my mind “The whole purpose of education is to turn mirrors into windows”. Education is the most fountainhead of growth, progress and development in any part of the world. It's contribution has been responsible for the upliftment of the society, in shaping the moral fiber of the student community and contributing to the nation's well-being by producing the bright minds of tomorrow. We at the Krupanidhi trust have structured an effective and holistic education system in a way that prepares the students to be an effective and efficient workforce and make the best use of the opportunities that the industry sends their way. The curricula of the various colleges under the Krupanidhi Trust are designed to keep pace with the ever evolving and dynamic trends and challenges of the industry today.

The courses offered by our colleges not only enable the students to develop a large amount of skills but also apply them to real-world problems, thus fast-tracking their careers.

We live in times where technology is witnessing unprecedented changes and advancement. Starting from an ordinary peasant up to the CEO of companies, people have made information technology as an integral part of their lives. Basic education is incomplete unless a person equipped with the knowledge of the technology around him. The word Net Savvy is no more a code word used for a person who spends most of his time browsing the net, it has become a tag for every individual who has a smart phone in his hands today. In such a scenario, educational institutions especially the departments giving technical education on computers need to update themselves with the latest developments and technology used in the field. Many times technology changes, hour by hour and minute by minute. Hence I highly applaud the noble task taken up by our BCA department to bring out a gazette which will enable all the students and faculty to measure up to acquire the knowledge required in the field of information technology.

I wish all the faculty and students BCA dept of Krupanidhi Degree College and all the very best in their endeavor.



Principal Prof. P.M. Shyjan

Students of the BCA degree gain the knowledge and skills necessary for success in this competitive, rapidly changing field by achieving the following objectives:

- Demonstrate the ability to adapt to technological changes and innovations in the discipline.
- Analyze, design, implement and evaluate computerized solutions to real life problems, using appropriate computing methods.
- Proficiency in the basic mathematics employed in computer science.
- Differentiate among essential data structures used in computer programming, and explain how they work.
- Gain knowledge of algorithms and their role in computer science.
- Identify, explain and apply fundamental structured programming techniques.
- Utilize important data structures and associated algorithms in the development of software.
- Developing programs using functional programming and object-oriented programming paradigms.
- Apply techniques of validation and reliability analysis to the development of computer programs.
- Demonstrate the critical thinking and communication skills required in
- Acquire the knowledge, skills, experience and values to become lifelong learners able to obtain employment in a computer related field or go on to postgraduate study.

**BCA Gazette, “StrideS” is to inculcate in BCA students an attitude of the above the mentioned objectives. “StrideS” is a great platform for the BCA students to walk with long, decisive steps in a technological direction.**



Sabitha. S  
Head of the Dept, BCA



## Tomorrow's OS: TIZEN\*

Intel and Samsung announced a partnership to create a new Linux-based open source operating system called Tizen. Tizen is an open source OS, based on Linux operating system. Apart from the OS, Tizen also support HTML5 and WAC-based external applications. Tizen is widely used in a variety of different devices which includes smart phones, tablet PCs, smart TVs , laptops and driving.

### Pros of using Tizen OS over Android OS:

- It is an open source Operating System
- The OS is Compatible with various mobile platform. Application built on Tizen can be launched on iOS and Android too with few changes. The Tizen OS is so Flexible to offer many applications and adapt too, with little changes
- Immense personalization capability supported by ARM x86 processor. It was supposedly thought of as Tizen OS will replace giant OS market of Android & iOS but it did not turn so. Tizen is being used in many Samsung mobile devices today but it could not replace Android & iOS completely.

### Cons of using Tizen OS over Android OS

- The only problem that exist with Tizen is that Tizen App store has limited apps.
- Tizen smart phones is missing some really useful must have apps on their devices.
- Tizen storage management is somewhat poor.

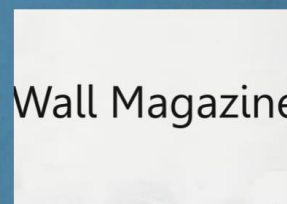
### Future of Tizen Operating System:

\*To reproduce alternatives to all of the Google services which are integrated into the Android OS

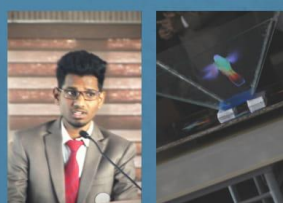
\*Developing the Tizen App Store as devices like smartphones and tablets live or die based upon the wealth of apps available to them.

**K. Parameswari**  
Associate Professor

## IT Club



## Wall Magazine



## PLACEMENT TRAINING PROGRAM



## What is BIGDATA ?

Big data is high-volume, high-velocity & high-variety information assets that demand cost-effective, innovative forms of information processing for enhanced insight and decision making. Still not sure what Big Data is? Well, you are not alone. The IT industry, in an attempt to quantify what is and isn't Big data, has come up with what are known as the "V's" of Big Data. The foundational three are:

- Volume: The amount of data is immense. Each day 2.3 trillion gigabytes of new data is being created.
- Velocity: The speed of data (always in flux) and processing (analysis of streaming data to produce near or real time results)
- Variety: The different types of data, structured & unstructured

## HOW IS HADOOP HELPFUL FOR THIS ?

Hadoop is an open source, Java-based programming framework that supports the processing and storage of extremely large data sets in a distributed computing environment. It is part of the Apache project sponsored by the Apache Software Foundation. Hadoop makes it possible to run applications on systems with thousands of commodity hardware nodes, and to handle thousands of terabytes (data). Its distributed file system facilitates rapid data transfer rates among nodes and allows the system to continue operating in case of a node failure. This approach lowers the risk of catastrophic system failure and unexpected data loss, even if a significant number of nodes become inoperative. Consequently, Hadoop quickly emerged as a foundation for big data processing tasks, such as scientific analytics and processing sensor data, including from IOT sensors.

**Keerthi.R**  
Asst. Professor

### Valued added courses - on MS- Office & HTML

A value added course can increase the student's quality. By keeping in this mind Department of BCA are conducting the following Value added courses:

<b>SEMESTER</b>	<b>BATCH</b>	<b>COURSE</b>	<b>HANDLED BY</b>
I	2017	MS- OFFICE - PART 1	Ms. Parameswari K
II	2017	MS- OFFICE - PART 2	Ms. Parameswari K
III	2016	HTML BASICS	Mr. Chethan C Naduvimath
IV	2016	HTML - CSS, JAVA SCRIPT	Mr. Chethan C Naduvimath

## IT Club Report - 1

### Events :

- a. Presentation on Hologram.
- b. Implementation of Hologram
- c. Coding with Cups.
- d. Digital Treasure Hunt

**Concept:** “Illusion”

**Class :** V sem BCA

**Date:** 10-05-2017

**Location:** Conference Hall

**Attendance:** 101 students attended the Event.

**Results:** All the students who attended the event gained a basic knowledge of how Holography will work answered the Coding with Cup and Digital Treasure Hunt game with great enthusiasm.

**Learning Points:** Students gained lot of information from the presentation “Holography” and got to Know how it works, different dimensions of Hologram and its applications.

## IT Club Report - 2

- Events :** Gazette release  
Presentation  
IT Game
- Concept :** To explore the world of IT
- Date :** August 9th, 2017
- Location :** Seminar Hall, Krupanidhi College Of Pharmacy
- Aim :** The IT Club was organized with the aim of bringing to the BCA students, information about the technological world. This was done by invoking their participation in various events.
- Attendance :** 132 students

### Executive Summary :

The IT Club was initiated with a prayer song by Gaurav Saikia. The Guests present were:

Dr.Sonal Dubey - vice principal, Krupanidhi College of Pharmacy

Prof. P.M. Shyjan - Principal, Krupanidhi Degree College

Prof. Sunitha - Co-ordinator

Prof. Sabitha Padmaj - HOD, BCA

Prof. Sowmya - HOD, BA

Prof. Wintson - Department of BA

Prof. Benita Jaison - HOD, MCA

They were welcomed and presented a bouquet alongside amiable introductions given by the anchors - Chaitra and Hamsa. Subsequently, the BCA gazette was inaugurated by Prof. P.M. Shyjan and Dr.Sonal

Dubey. Succeeding this, the first round of the IT Game took place - Talk On Technology. Each participant was allotted two minutes to deliver their talk on an IT-related topic of their choice. The top five participants were selected based on marks awarded by the judges. In the seem of this judgement, a presentation and demonstration about Virtual Reality were given by Rani and Pooja. Following this, the second round of the IT Game commenced wherein the participants where asked to select a logo and complete the accompanying task. Arising from this for the third round were three participants - Ashwini, Evidence and Pooja. The third round was 'Typing Tongue Twisters'. The victor was Pooja followed by Evidence. The distribution of prizes and certificates took place shortly which marked the completion of the IT Club.



## IT CLUB REPORT - 3

### EVENTS:

Presentation given by (Sandhya.V and Apoorva)

Concept: 3D-Technology

**IT GAMES:** Co-ordinator are (Monisha Reddy.S and Architha .S)

1. Finding IT logo
2. IT technological
3. Finding the errors in program

**Class:** 1<sup>st</sup> semester BCA

**Date:** 27-09-2017

**Location:** 5<sup>th</sup> semester BCA class room

**AIM:** IT club was organized with aim of bringing to the BCA students, information about the technological world, this was done by invoking their participation in various events.

**Attendance:** 85 Students

### Details:

Anchoring was done by V. Lavanya and Tejas jha

The IT club was initiated with a prayer song by kavyashree .P.N and Sheetal.B.C

To addressing the gather was done by Lokeshwari.B.M

Vote of thanks was given by Supriya.R

The second issue of BCA Gazatte-Stirdes' is released by Ms. Sabitha.S, HOD, Dept. of BCA.

Wall Magazine of V sem BCA is relead by Ms Parameswari. K

**Guests:** Ms. Sunitha M G – Co-Ordinator of Krupanidhi Degree College

Dr. Khalid Imran – Research and Accrediations Co-ordinator

## IT CLUB REPORT- 4

- Events:**
- 1) Stegnography
  - 2) IT News
  - 3) Tech Game

**Concept:** To explore the world of IT

**Date:** Feb 10th, 2018

**Location:** Krupanidhi degree College Pharmacy lecture hall

**Attendance:**

- 55 students attended the event

**Results:**

- All the students who attended the event gained a basic knowledge of how the Stegnography works and also answered the Tech game with a great enthusiasm.

**Learning points:**

- Students gained lot of information from the presentation 'Stegnography' and got to know how it works, different kind of Stegnography techniques.
- Students who participated in Tech game enjoyed in scanning the QR codes and made a meaning full sentence.

**DEPARTMENT OF BCA**  
**PLACEMENT DETAILS**

SL NO	COMPANY	DATE OF INTERVIEW	NO OF STUDENTS SHORTLISTED	Remarks/Names of shortlisted students
1	Capgemini	23-08-2017	1	Bhavya
2	Concentrix	05-02-2018	13	Habeeba nilofer, Asha jyothi, Afiya sidhrath, Rachana R K, , Nandhini Y, Shivani M, Shikha nair, Vijayalakshmi Y, Shailashree K, Syed arbaz, Nawaz khan, Satish kumar, Prem kumar K
3	Vantage agora	08-02-2018	5	Satish kumar, Anamika, Syed shabaaz, Nishanth karn, Yeshwanth J
4	Infosys BPM	23-03-2018	4	Anamika, Jojode yeshwanth, Habeeba Nilofer, Aafiya Sidrath



## ACHIEVEMENTS IN INTER DEPARTMENTAL CULTURAL ACTIVITIES

### MELIORA 2017-18 BCA WINNERS LIST

SL.NO	EVENT NAME	CLASS	PRIZE	WINNERS NAME
1	COLLAGE	VI SEM BCA	I	AAFIYA SIDRATH
2	SOAP CARVING	II SEM BCA	I	SMITA MOHAN
3	SOAP CARVING	II SEM BCA	III	ARCHANA Y
4	HAIR STYLE	II SEM BCA	I	RAMYA S
5	COOKING WITHOUT FIRE	II SEM BCA	I	SMITA MOHAN
6	VEGETABLE CARVING	VI SEM BCA	II	SANDHYA N
7	CODING	II SEM BCA	I	SAMSON S THOMAS
8	CODING	II SEM BCA	II	ARUN TOM JOSE
9	DEBUGGING	II SEM BCA	I	ARUN TOM JOSE
10	DEBUGGING	II SEM BCA	II	SAMSON S THOMAS
11	TATTOO DESIGNING	II SEM BCA	I	VAISHAG DAS
12	TATTOO DESIGNING	II SEM BCA	II	ARCHANYA Y
13	TATTOO DESIGNING	VI SEM BCA	III	SHIVANI M
14	SKETCHING	VI SEM BCA	I	SHIVANI M
15	RANGOLI	VI SEM BCA	I	SANDHYA N
16	MEHANDI	VI SEM BCA	I	VIJAYALAKSHMI
17	MEHANDI	VI SEM BCA	II	AAFIYA SIDRATH
18	MEHANDI	II SEM BCA	III	RAMYA S
19	DEBATE	II SEM BCA	I	ARUN TOM JOSE
20	PAINTING	IV SEM BCA	I	VAISHAG DAS
21	PICK & SPEAK	IV SEM BCA	II	ARUN TOM JOSE
22	ESSAY WRITING	VI SEM BCA	I	AAFIYA SIDRATH

## ACADEMIC YEAR 2017-18

## STUDENTS ACHIEVEMENTS IN SPORTS

SL NO.	NAME	EVENT	LOCATION	PARTICIPATED / PRESENTED	DATE
1	Ms. Mamatha chand	Moscow wushu stars	Moscow wushu tournament	2nd place	16-02-2018 to 21-02-2018
2	Mr. Sabaoon	Annual sports meet- 400 Mtrs.	KFGC	3rd place	09-05-2018
3	Mr. Chandan L	15th senior federation cup tug-of-war national championship	Punjab	Participation	17-01-2018 to 18-jan-2018
4	Vaishag Das	Annual sports meet - Football	KFGC	2nd place	43228
	Sow				
	Paul				
	Fela				
	Koffi				
	Sabaoon				
	Tamding				
	Abdul				
Arun Tom Jose					

### STUDENTS PARTICIPATION

SL NO.	NAME	EVENT	LOCATION	PARTICIPATED / PRESENTED	DATE
1	Ms. Habeeba Nilofer K	Hackathon	Techops Hyper	Participated	17-Feb-18
2	Mr. Nishant Karn	Hackathon	Techops Hyper	Participated	17-Feb-18
3	Mr. Jojode Yeshwanth	Hackathon	Techops Hyper	Participated	17-Feb-18
4	Mr. Katta Prem Kumar	Hackathon	Techops Hyper	Participated	17-Feb-18
5	Mr. Aderogba Adimola	Hackathon	Techops Hyper	Participated	17-Feb-18
6	Mr. Aderogba Adimola	Tech-Talk	Techops Hyper	Participated	17-Feb-18
7	Mr. Aderogba Adimola	Googler	Techops Hyper	Participated	17-Feb-18
8	Ms. Habeeba Nilofer K	Googler	Techops Hyper	Participated	17-Feb-18
9	Mr. Arun Tom Jose	Coding	Christ university	Participated	21-08-2017 to 22-08-2017
10	Mr. Syed shoaib	Quiz	Christ university	Participated	21-08-2017 to 22-08-2017
11	Ashish tarshak	Quiz	Christ university	Participated	21-08-2017 to 22-08-2017
12	Mr.Samson S Thomos	Coding	Christ university	Participated	21-08-2017 to 22-08-2017
13	Mr.Akhil tom	Quiz	Christ university	Participated	21-08-2017 to 22-08-2017
14	Rohan M	Treasure hunt	Christ university	Participated	21-08-2017 to 22-08-2017
15	Dhanush K	Treasure hunt	Christ university	Participated	21-08-2017 to 22-08-2017
16	Mr. Aderogba Adimola	Paper presentation	Christ university	Participated	21-08-2017 to 22-08-2017
17	Mr.Charan H.D	Treasure hunt	Christ university	Participated	21-08-2017 to 22-08-2017

18	Mr.Aderogba ademele	Mobile app development	Christ university	Participated	21-08-2017 to 22-08-2017
19	Mr.Arun tom josh	Coding	Christ university	Participated	21-08-2017 to 22-08-2017
20	Mr.Katta prem kumar	Web design	Christ university	2nd place	21-08-2017 to 22-08-2017
21	Mr.Ajith M	Photography	Christ university	Participated	21-08-2017 to 22-08-2017
22	Mr.Aderogba ademele	JAM	Christ university	Participated	21-08-2017 to 22-08-2017
23	Ms. Habeeba Nilofer K	JAM	Christ university	Participated	21-08-2017 to 22-08-2017
24	Ms. Habeeba Nilofer K	Mobile app development	Christ university	Participated	21-08-2017 to 22-08-2017
25	Ms. Habeeba Nilofer K	Paper presentation	Christ university	Participated	21-08-2017 to 22-08-2017
26	Mr. Lalduhawma sailo	Gaming-counter strike	Christ university	Participated	21-08-2017 to 22-08-2017
27	Mr. Samson S Thomos	Gaming-counter strike	Christ university	Participated	21-08-2017 to 22-08-2017
28	Mr. Arun Tom Jose	Gaming-counter strike	Christ university	Participated	21-08-2017 to 22-08-2017
29	Mr. Naveen Rakshith	Gaming-counter strike	Christ university	Participated	21-08-2017 to 22-08-2017
30	Mr. lalruatfela	Gaming-counter strike	Christ university	Participated	21-08-2017 to 22-08-2017

SL N O.	NAME	EVENT	TOPIC	PARTICIPATED / PRESENTED	DATE
1	Dr. Pranesh Kulkarni	National Conference	Development of Green Computing - National conference on Innovation, Enterpreuership and Start-Ups for Economic Tranformation Trends- Opportunities and Challenges	Presented	13-Apr-18
2	Chethan C Naduvinmath	International Conference	Advances in Computer Science and Technology	Participated	24-Jan-18
3	Chethan C Naduvinmath	Faculty Development Program	Theory of Computation	Participated	17-Feb-18