

B.Sc. Computer Maintenance

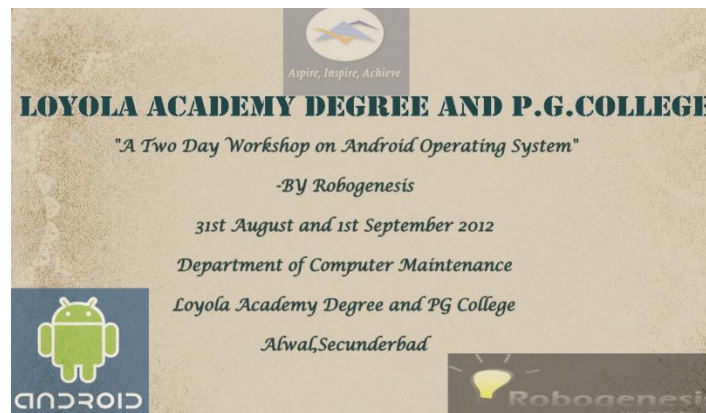
2012-13

Department Activities

1. Dept. of Computer Maintenance conducted a two-day seminar on Android on 31st and 1st September 2012 at P.G Seminar Hall.

Purpose: To develop applications using Android.

Report: A two day seminar, “Android” was conducted on August 31st and September 1st by Robo-genesis in the PG Seminar hall. In this seminar the students learnt about the working of the Android applications and also the steps to build, debug, basic coding techniques and to publish the application in the Android market. The workshop was attended by 89 students of Computer Maintenance of all three years. There were also guest lectures on Net working and Server and Environment of the Corporate World.



Students of B.Sc. Computer Maintenance at 2-day workshop on Android Operating Systems

1. DANTU SAI RAM
2. BASANI BALA ARUN
PRAKASH REDDY
3. M MOSES
4. M SAI KUMAR REDDY
5. SACHIN SINGH
6. MOHAMMED ANWAR
7. B JESON INBARAJ
8. LAHARI K N
9. BASANI AKHILA
10. SEEMA KUMARI
11. ATLA HARSHITHA
12. C SWATHI
13. KODA VAISHNAVI
14. SANDHYA KERKETTA
15. Y PREM KUMAR
16. KATAPALLY SAI KIRAN
17. DARRICK MATHEWS
18. YALLAGONDLA
SRINADH
19. EDWARD NIKITH RAJ
20. THATIKONDA
NAGARJUNA
21. GADDAM DILEEP
22. CHERUVUKOMMU
SUMESH
23. VEERA PRASAD
REDDY A
24. GADE PRADEEP
ANURAG REDDY
25. C SAHAN
26. L ROHIT
27. PEDDI VIJAYRAGHAV
REDDY
28. BADHULOLA AJAY
BABU
29. MEDCHALAM
DIVAKAR
30. SAMPATH
PRASHANTH KUMAR
31. KARNAMADAKALA
SATANAND ABHIJI
32. ATTIMALLA
LOURDHU TEJA
33. THANUGUNDLA RAJA
REDDY
34. BORRA
SUBRAMANYAM
35. KALIDINDI VAMSI
36. M VINAY YADAV
37. MADDIRALA BEN
SRUTEESH
38. GUDISHANA PRADEEP
KUMAR
39. ALLAM PRANITH
KUMAR REDDY
40. BALLA SUNDEEP
VIKRAM KUMAR
41. GOUDALI D.SHIVA
PRASAD
42. KANNEGANTI MURALI
KRISHNA
43. V SRIDHAR RAO
44. MATHADEY SATISH
45. ROHIT ARORA
46. POTHIREDDY JEEVAN
47. MUSUKU PRAKASH
REDDY
48. BHEEMANAPALLY
TEJA
49. ATTAPURAM
RAVINDER REDDY
50. NITIN NAHATA
51. MADHANU NAVEEN
BALA
52. R VARUN SAUDAGAR
53. INJA ANNETTE
SUSHANTHI
54. KUNTI PRASOONA
55. MEDCHALAM
DASHARATH SONIKA
56. P. JYOTHSNA
57. SANDIRI MANJULA
58. ALAKANTI SRINATH
59. ALLAM BALA NITHIN
REDDY
60. ARUNAMSHU K U
61. BASANI ANURAG
RAJA REDDY
62. BELLAMKONDA
NAVEEN TEJA
63. CHAKALA SHESANTH
64. FRANCIS SUMANTH
VINOD
65. GUNDARUM MITHUN
KUMAR
66. GUNTOORU NAVEEN
PREETHAM
67. K HARISHWAR REDDY
68. KIRTI AKULA
69. MACSON LIVERA
70. MAHANKALI SAI
KIRAN
71. METTU SRUJAN
KUMAR
72. NADELLA VAMSI
KRISHNA
73. NEMALIKANTI
KUSHWANTH
74. P MARUTHI
75. POLU RAHUL YADAV
76. PENNADA SRI
LAXMAN KUMAR
77. PUDOTA THAMBI
CHARAN KUMAR
78. SADU SANDEEP
KUMAR
79. SRIKANTH DEVARAPU
80. SYED FARHAZ ALI
81. T.R. ABHINAVA
REDDY
82. THAMUTKA
VISHWANATH
83. VELLORE
MUTHURANGAM
84. VATTI PRANEETH
KUMAR
85. VIBUDI RAMASWAMY
86. VIDHYADHARAN
VIVEK KUMAR
87. VARAGANTI MAHESH
KUMAR
88. LINGALA
BALAKRISHNA
89. L. LAXMI MOUNIKA



Review: The workshop was highly beneficial and students appreciated and gained some knowledge by developing applications using Android.

Staff Achievements

1. Mr.V.Harsha Shastri qualified the SET (State level Eligibility Test) conducted by Osmania University in Computer Science and Applications in July 2012.

Certificate No: 122453

GOVERNMENT OF ANDHRA PRADESH
STATE ELIGIBILITY TEST FOR ASSISTANT PROFESSOR / LECTURESHIP
Conducted by
Osmania University
University with Potential for Excellence (UPE)
Re-Accredited with 'A' Grade by NAAC
(Valid in the State of Andhra Pradesh only)
Government of Andhra Pradesh
G.O.Ms.No.155/Higher Education (CE-I-1) Department dt: 08-12-2011
UGC Letter No. F.7-10/2012 (NET) dt: 28-03-2012

APSET Ref No.: 2453/APSET/JULY/2012 H.T. No.: 110401381

Certified that **HARSHA SHASTRI V**
Son/Daughter of **SASTRI V** (Father) and
ANURADHA V (Mother) has qualified the
Andhra Pradesh State Eligibility Test (APSET-2012) for Assistant
Professor/Lectureship held on **27th July, 2012** in the Subject
COMPUTER SCIENCE & APPLICATIONS

The validity of the certificate is forever.

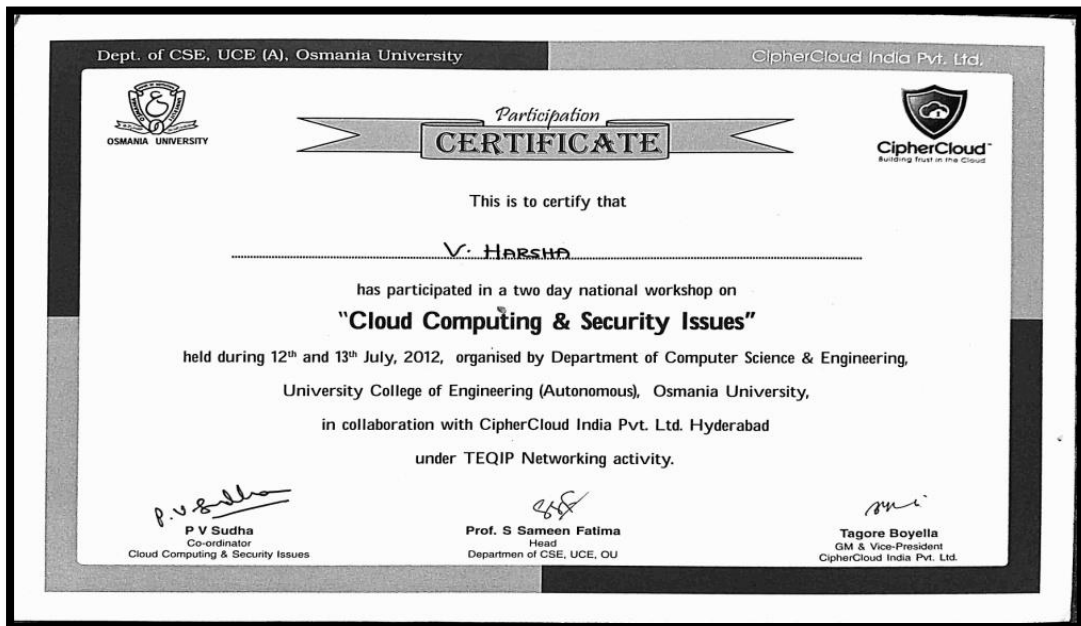
Member Secretary
APSET

Chairman
APSET

Date of Issue: NOVEMBER 16, 2012.

Note: Osmania University, Hyderabad issued the certificate on behalf of Government of Andhra Pradesh & UGC, New Delhi on the basis of information provided by the candidate in his/her application form. The appointing authority should verify the original records/certificates of the candidate while considering his/her appointment. The candidate must complete UGC specified Master's Degree within Two years from the date of conduct of APSET Examination, if not completed already.

2. Mrs. V. Harsha Shastri, Mrs.P.S.R Malathi and Mrs.Rajee Koshy participated a two-day national workshop on “Cloud Computing and Security Issues” organized by Osmania University on 12th and 13th July 2012.



3. Mrs. Ramya participated in a two-day workshop on Android OS conducted by Robogenesis organized by Dept. of Computer Maintenance, on 31st August and 1st September 2012.



4. Mr. Prakash, Lecturer in Engineering Drawing & Workshop attended and presented his paper in the 4th International and 25th All India Manufacturing Technology, Design and Research Conference held at Jadavpur University, Kolkata during 14th – 16th December 2012.
5. Mr.K.Lucas Reddy and Mr. V. Harsha Shastri participated in the UGC Sponsored two-day National Workshop on VHDL Technology during 7th and 8th February 2013, at Loyola Academy, Secunderabad, organized by Department of Electronics Technology.



Student Achievements

1. Mr. P. Vinod Kumar (12-1626) secured third place in Men's long jump (6.22 mts) at Lal Bahadur Stadium on 16th and 17th Nov 2012.

Placement Data

S.No	UID	Name	Company placed
1	10-1609	K U Arunamshu	NTT GLOBAL DATA
2	10-1612	C.Sheshanth	Genpact/IBM
3	10-1613	Francis Sumanth Vinod	Wipro Technologies
4	10-1619	Kirti. A	Mahindra Satyam
5	10-1622	M.Srujan	Wells Fargo

6	10-1623	Vamshi Krishna	Wells Fargo
7	10-1624	Kushwanth N	L&T Infotech
8	10-1626	Polu Rahul Yadav	Wipro Technologies
9	10-1630	M Sandeep kumar	NTT GLOBAL DATA
10	10-1638	Muthurangam Vellore	L&T Infotech
11	10-1641	V.Vivek	Wipro Technologies

Higher Studies

SNO	UID NO	NAME	Programme	College/University
1	10-1636	T.Vishwanath	M.Sc.(IT &MS)	Jain University

B.Sc. Computer Maintenance

2013-14

Departmental Activities

1. The Department of Computer Maintenance conducted a one day seminar titled "**Techno Vision**" on 24 January 2014.

Purpose: To bring awareness in cloud technologies and preparing for placements.

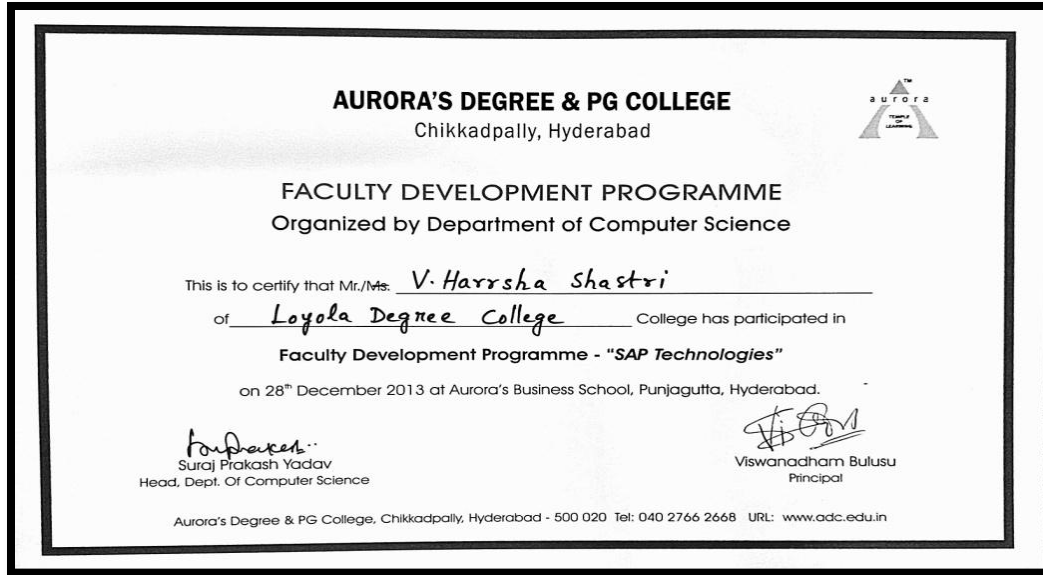
Report: The seminar was inaugurated by the honorable chief guest Prof. M.Venkat Dass, Head of the Department, Computer Science & Engg. Osmania University. The one day programme was conducted in 2 sessions-Technical and Personality Development. Technical session on "**Current Trends in IT**" was chaired by Mr. Vijay Krishnan, Manager, Oracle Corp and Mr. Premson, Manager IT, Oracle Corp. The topics such as cloud computing were discussed. Ms.Jaya Copisetty, senior trainer from Kognizance Personal Development courses, Somajiguda, spearheaded the afternoon session discussing topics such as Resume writing, the power of body language and how to face interviews.

Review: Students at the end felt that the seminar was very helpful and essential topics related to placements were discussed.

2. The final year students of the department of Computer Maintenance organized a Charity Event on 9 January 2014. The students were able to raise funds to the tune of Rs.2285 which was then distributed to three different organizations.

Staff Activities

1. Mr. V. Harsha Shastri has participated in FDP on SAP Technologies on 28th December 2013 at Aurora's Business School, Punjagutta,Hyderabad.



Student Activities

1. B. Rahul, P Rohit and K. Ashish participated in the “Hardware Project Expo” in “Convergence” a national level technical symposium at VNR Vignana Jyothi Institute of Engineering and Technology at Bachupally from 3-5 October 2013.

Placement Details

SNO	UID	Name	Company placed	Salary
1	11-1601	LAHARI K N	Wipro	180000
2	11-1603	SEEMA KUMARI	Wipro	156000
3	11-1615	CHERUVUKOMMU SUMESH	Virtusa	204000
4	11-1617	GADE PRADEEP ANURAG REDDY	Wipro	180000
5	11-1618	C SAHAN	Wipro	180000
6	11-1619	L ROHIT	Wipro	156000
7	11-1621	BADHULOLA AJAY BABU	Wipro	156000
8	11-1622	MEDCHALAM DIVAKAR	Wipro	180000
9	11-1624	KARNAMADAKALA SATANAND ABHIJIT	Wipro	180000
10	11-1627	BORRA SUBRAMANYAM	Wipro	156000
11	11-1630	MADDIRALA BEN SRUTEESH	Wipro	180000
12	11-1631	GUDISHANA PRADEEP KUMAR	Wipro	180000
13	11-1635	KANNEGANTI MURALI KRISHNA	Wipro	180000
14	11-1638	ROHIT ARORA	Cognizant	204000
15	11-1648	MADHANU NAVEEN BALA	Wipro	180000

B.Sc Computer Systems and Engineering

2014-15

Students Achievements

1. **Mr. Moses (12-1615), Mr. Sai Kumar Reddy (12-1620) and Mr. Sachin Singh (12-1621)** of B.Sc Computer Systems and Engineering III year attended a one day IT seminar on Computer Networking at Ravindra Bharathi, Lakdi-ka-pool, Hyderabad on 25th August 2014.
2. Students of B.Sc Computer Systems and Engineering final year were involved in Installation of SAP from 24th August to 22nd September 2014.
3. R.Divya of ACE class I year participated in “M-Bhavishya-14 Exploring Future Tech” held at Loyola Academy, Alwal on 15th November 2014, organized by Dept. of MCA.
4. Dilip of NCE class II year participated in “M-Bhavishya-14 Exploring Future Tech” held at Loyola Academy, Alwal on 15th November 2014, organized by Dept. of MCA.
5. **Ms. Prathyusha(111714016006), Ms. Sowmya(111714016004)** of B.Sc Computer Systems and Engineering II year won second prize in 4x100 meters relay in Annual Sports Day organized by Loyola Academy Degree and P.G College during February 2015.
6. **Mr. Praneeth Reddy(13-1634)** of B.Sc Computer Systems and Engineering II year won third prize in 4x100 meters relay in Annual Sports Day organized by Loyola Academy Degree and P.G College during February 2015.
7. **Mr. Praneeth Reddy(13-1634)** of B.Sc Computer Systems and Engineering II year won second prize in cricket in Annual Sports Day organized by Loyola Academy Degree and P.G College during February 2015.
8. **Mr. Praneeth Reddy(13-1634)** of B.Sc Computer Systems and Engineering II year, a member of Organizing Committee was appreciated for the services rendered for National Level Fr. Baliah Memorial Basket/ Volley Ball tournaments held from 6th – 9th February 2015 at Games Enclave, Loyola Academy Degree and P.G College.
9. **Department of B.Sc. Computer Systems and Engineering secured first place in the college tournaments.**



Staff Achievements

1. Mrs. Lourdu Rajini Kumari and Mr. Harry Joseph attended a one day IT seminar on Computer Networking at Ravindra Bharathi, Lakdi-ka-pool, Hyderabad on 25th August 2014.

Placements Data 2014-15

S.No	RollNo	Name of the student	Company	Salary
1	121602	PRIYANKA SHERLIN	Tech Mahindra	205777
2	121603	NAGENDER KUMAR YADAV	Wipro	162000
3	121605	GANDU ANJALI	Wipro	156000
4	121606	PAMPARI VEMALATHA	Wipro	162000
5	121607	MALLAVARAPU KEERTHANA CHOWDARY	Wipro	162000
6	121609	KALPANA SHARMA	Wipro	162000
7	121610	NIMMA MOUNIKA	Wipro	162000
8	121612	DANTU SAI RAM	Tech Mahindra	205777
9	121614	KONKA PRANITH KUMAR	Wipro	162000
10	121615	M MOSES	Wipro	162000
11	121620	M SAI KUMAR REDDY	Wipro	156000
12	121621	SACHIN SINGH	Wipro	162000
13	121622	GUDISENA PRITHVIRAJ DHIRAJ RAJU	Wipro	162000
14	121626	POLISHETTY VINOD KUMAR	Wipro	162000
15	121632	MOHAMMED ANWAR	Cognizant	204004
16	121633	BELLAMKONDA KALYAN KUMAR	Wipro	162000
17	121638	PULIYAKATA ARUN KUMAR NAIR	Wipro	156000
18	121649	PATWARI AMULYA	Wipro	156000
19	121650	MANNEY SHAMBAVI	Wipro	156000
20	121654	MURALI KRISHNA	Wipro	162000

Higher Studies

S.No	UID	Name	Course	College
1.	12-1615	M.Moses	MBA	Loyola Academy

B.Sc Computer Systems and Engineering

2015-16 Activities

Department Activities

1. A guest lecture was conducted by Department of Computer Systems and Engineering on Parallel Computing architecture-for II and III year students in Inigo Hall on 11th September 2015 at Loyola Academy Degree and P.G College.
 - **Purpose:** To understand the architecture of parallel computers and computations
 - **Report:** Dr. Shyamala, Professor of Computer Science and Engineering from Osmania University College of Engineering addressed students to explain the parallel processing of computers. She explained the basic Von Neumann architecture and various classifications of computers according to Flynn's Taxonomy such as SIMD, SISD, MISD and MIMD. She explained various algorithms related to FPGAs that is field programmable gateway arrays. A brief introduction to pipelining and its types was explained. A detailed explanation on arithmetic pipeline and instruction pipeline demonstrating how the instructions are executed on parallel computer was explained.
 - **Review:** It helped the students to gain the parallel computing power to process a programs using multiple CPU's and understood various algorithms need for it.
2. A one day workshop was conducted by Department of Computer Systems and Engineering on **Web Applications Development- A Tools and Technologies** for II year students in P.G Seminar Hall on 5th February 2016 at Loyola Academy Degree and P.G College.
 - **Purpose:** To get hands-on experience using PHP and MySQL to develop web applications.
 - **Report:** Mr. Janardhan from Black Bucks RD explained basic HTML tags to design web page. He explained various steps needed to develop web pages using PHP and connect them to database such as MySQL. Students were given hands-on experience in lab creating simple web pages and link to data base. He explained topics related to PHP arrays, functions and file handling were explained. Sample web pages were developed using HTML 5 tags, adding rich functionality using CSS 3 were demonstrated. In order to connect web page to access data in the database, details related to various instructions were demonstrated using MYSQL as backend.
 - **Review:** Students got exposure to these technologies as it helps them to develop web based projects which are a part of their curriculum.

3. Department of Computer Systems and Engineering organized an industrial trip for final year students to BSNL on 9th February 2016.
 - **Purpose:** To enable students to have exposure to various networking, computer networks and mobile communication.
 - **Report:** Students were explained on GSM architecture, Optical Fibre communication, Broad band, networking and Switching. Students were given demonstrations during Optical Fibre communication as how to detect signal loss when cable is cut using ODDR machine. They explained the format of mobile number and explained the signaling towers. They explained the basics of data communication, multiplexing techniques such as Frequency division multiplexing, Time division multiplexing and Wave length multiplexing necessary for transmission of signal over the medium. Various guided medium such as coaxial cables needed for cable TV connection, twisted pair cables needed for telephone devices and optical fibre cable needed for Internet were demonstrated. They explained how switching technology is used for connecting a call over land line phones.
 - **Review:** Students analyzed various networking tools and got an understanding of various communication systems.

Student Achievements

1. Mr. P. Sri Harsha Goud of NCE (111714016027) presented a paper titled “Data Mining and its Importance” in TechXplosion 2015, organized by the Department of MCA on 11 December, 2015.
2. Mr. Kunal Chettri of DCE (13-1627) won the first prize in coding in TechXplosion 2015, organized by the Department of MCA on 11 December, 2015.
3. Mr. Vineeth of NCE (111714016021) won third prize in poetry event during Resonance 2015-16 held at Loyola Academy Degree and P.G College.
4. Mr. Harsh Yadav of ACE(111715016021) has been selected as Army under TES(Technical Entry Scheme)in December, 2015.
5. Mr. G. Sravan of NCE (111714016019) got first prize in Kabbadi conducted during Sports day held at Loyola Academy Degree and P.G College on February 2016.
6. Students of B.Sc Computer Systems and Engineering got second prize in Cricket conducted during Sports day held at Loyola Academy Degree and P.G College on February 2016.

Staff Achievements

1. Mr. V. Harsha Shastri attended a faculty development program on “Internet of Things and its Applications” organized by Gokaraju Rangaraju Institute of Engineering and Technology on 4 – 5 December, 2015.

2. Mr. V. Harsha Shastri and Ms. T. Suneetha Published a paper on “An Effective Usage of Semantic Association for Image Searching” in an International Journal of Reviews on Recent Electronics and Computer Science in November, 2015.
3. Mr. V. Harsha Shastri Presented a paper titled “A Study of Security Techniques in Internet of things Application” in an International Conference organized by Sunrise University, Alwar, Rajasthan on 17 January, 2016.
4. Mr. V. Harsha Shastri and Ms. T.Suneetha published a paper on “Towards Recognition of Malicious Nodes Liable for Selective Packet Drops” in an International Journal of Reviews on Recent Electronics and Computer Science in November, 2015.
5. Ms. T. Suneetha published a paper on “Implementation of Dynamic Search Method for Managing Document Collection” in an International Journal of Reviews on Recent Electronics and Computer Science in December, 2015.
6. Ms. T. Suneetha attended a faculty development program on “Current Research Trends in Computer Science” organized by Gokaraju Rangaraju Institute of Engineering and Technology on 18 – 19 December, 2015.
7. Mrs. T. Ramya received her M.Tech in Computer Networks and Information Security from JNTU-H on January 29, 2016.
8. Mrs. Ramya attended a two day workshop on “Public key Infrastructure” organized by Computer Society of India at CVR College of Engineering from 21 – 22 January, 2016 in Hyderabad.

Placement Data

SNo	UID	Name of the Student	Company placed	Salary
1	12-1623	Jagganatha Varun	Unisys	393000
2	13-1601	EDLA SHINY SHARON	Virtusa	200000
3	13-1602	GATTU MONIKA	Unisys	393000
4	13-1605	LAZARUS AROKIA MARY	Unisys	393000
5	13-1606	MARAM REDDY HRUDAYA SHRUTHI	Wipro	156000
6	13-1607	MARIA DOMINICA	Tech Mahindra	160000
7	13-1609	SOUJANAYA K	Wipro	156000
8	13-1612	ANOOP GAVIN DIAS	Unisys	393000
9	13-1613	B ABRAHAM VINCENT	Genpact	135000
10	13-1617	CHRISTOPHER DARIUS PAUL	Wipro	180000
11	13-1620	G SHARATH KUMAR	Wipro	180000
12	13-1621	GEETALA KIRAN YADAV	Wipro	180000
13	13-1623	GOTTAPALLY SAI KIRAN	Verizon	350000
14	13-1624	JANGAM ANIL KUMAR	Wipro	180000
15	13-1625	S Sanjana	Sutherland	200000
16	13-1629	MAILURU DEEPAK REDDY	Tech Mahindra	160000
17	13-1630	MEDA GIRISH KUMAR	Virtusa	200000

18	13-1631	AHELLI DHEERAJ	Virtusa	20000
19	13-1632	N SUNDAR RAMAN	Sutherland	20000
20	13-1635	POTHIREDDY VIKRAM	Wipro	180000
21	13-1636	RAJANNAGARI PURNA CHANDRA REDDY	Tech Mahindra	160000
22	13-1638	SURYA VAMSHI PRADEEP	Genpact	135000
23	13-1639	GLENN FERNANDEZ	GENPACT	135000
24	13-1640	MOUNIKA REDDY D	Virtusa	200000

Higher Education details

2013-16 BATCH				
S. No	Roll No	Name	Course	College
1	13-1607	MARIA DOMNICA	MBA	IPE-OU
2	13-1610	BALA VINAY	MCA	LOYOLA ACADEMY
3	13-1613	VINCENT ABRAHAM	MBA	LOYOLA ACADEMY
4	13-1626	AKHIL	MCA	LOYOLA ACADEMY
5	13-1627	KUNAL CHETTERI	M.Sc. (IT)	JAIN UNIVERSITY
6	13-1630	GIRISH KUMAR	MCA	VISHWA VISHWANI COLLEGE
7	13-1631	DHEERAJ GOUD	MCA	VISHWA VISHWANI COLLEGE
8	13-1632	SUNDAR RAMAN	MBA	IPE-OU
9	13-1633	STEPHEN SHOBAN RAJ	MCA	LOYOLA ACADEMY

B.Sc. Computer Systems & Engineering

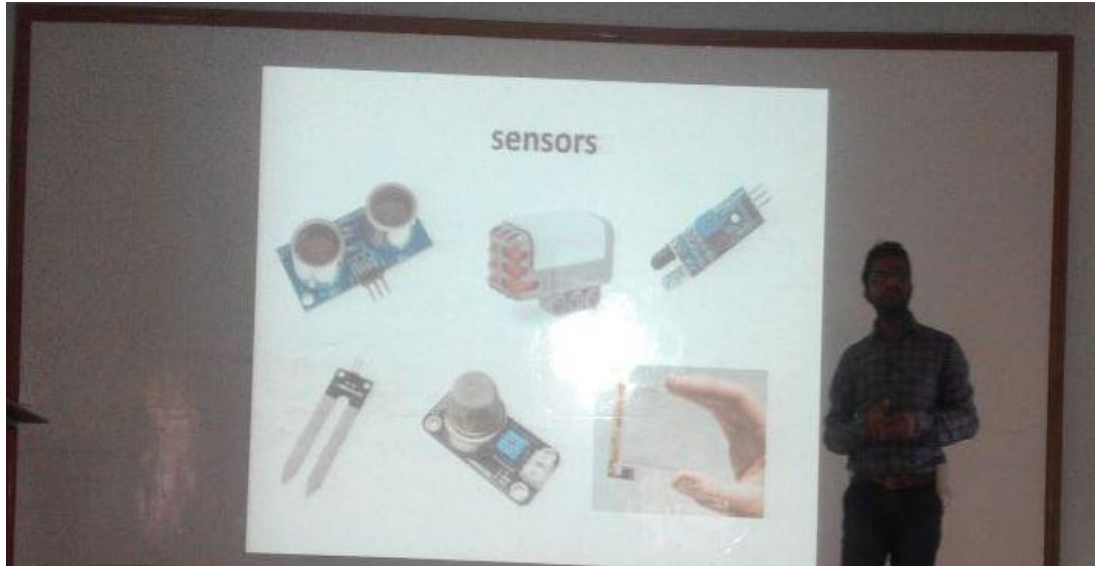
ACADEMIC YEAR 2016-17

Department Activities

1. A career guidance programme was organized by Department of Computer Systems and Engineering on 27th July 2016 in PG Seminar Hall, Loyola Academy Degree and P.G College, Alwal.
 - **Purpose:** To enhance students' career by knowing opportunities available to them after graduation.
 - **Report:** Ms Sheena Virmani, Admission Manager at Manya Group- Princeton Review explained the procedure for getting admission into foreign schools. She explained on how to prepare for test, taking exams for GRE/TOEFL and IELTS, procedure for application processing and visa interview.
 - **Review:** students learnt the opportunities to pursue higher education. They felt that exams such as TOEFL, GRE, SAT are mandatory to write for pursuing higher studies abroad.



2. A one day workshop was conducted by Department of Computer Systems and Engineering on **Internet of Things** on 9th December, 2016 for final year degree students. The resource person for the event was Mr. Surya Kompella, Director, Kryative Edge.
 - **Purpose:** To get hands-on experience on IoT technology and various components related to hardware for IoT.
 - **Report:** A focus on introduction to IoT technology and hardware components needed to build IoT device on circuits boards was shown. A demo on operating bulbs using smart phones was operational. They explained how IoT devices can make homes smarter. They explained how to control traffic on roads and use in the medical fields saving one's life during accident can be done using IoT device. They explained how IoT technology can be used to monitor the health of patient's in hospitals.
 - **Review:** Students acknowledged the use of IoT in day to day life and felt how these gadgets help future generation.



3. A two-day workshop was conducted by Department of Computer Systems and Engg, in P.G Seminar Hall, Loyola Academy Degree and P.G College, on ETHICAL HACKING on 14th and 15th December, 2016, for second year degree students by Mr.Vikas Jain, E-Council Certified trainer.

- **Purpose:** To get practical's hands on experience on Ethical Hacking and various tools for Ethical Hacking.
- **Report:** Mr. Vikas demonstrated by giving basic introduction to Ethical Hacking and various types of Hackers. They demonstrated the practical session on Kali Linux. He showed how to create fake website and demonstrated videos on Ethical Hacking. He explained various vulnerabilities of the system that could be easily hacked. He explained that websites following HTTPS protocol are safe from hacking. The next day, towards end an exam was conducted and based on the score they received certificate from Ec-Council and participation certificates were handed over to students.
- **Review:** Students learnt various types of Ethical hacking and vulnerabilities in the system leading to hacking. They learnt basic commands for hacking as well.



4. Department of Computer Science and Engg, and Computer Systems and Engg, organized a one day **National Seminar on APPLICATIONS OF MATHEMATICS TO CRYPTOGRAPHY** on 6th January, 2017.

- **Purpose:** To discuss recent advances in mathematics and its applications to cryptography.
- **Report:** Eminent speaker Dr.Prakasa Rao gave brief description about hacking, cryptography, message confidentiality and application of RSA algorithm. Dr. Praveen gave a key note on Elliptical curve cryptography and Ramanujan Primes. Prof Ramana Murthy from Osmania University explained the role of mathematics, Financial Security and Economic security, cracking password and solution to real world problems. Dr. Ch. Rupa explained the role of mathematics, focused on security concepts by narrating through encryption techniques. Staff from other colleges such as Bhavan's College, St. Francis and other presented papers.
- **Review:** A major focus on cryptography and various security issues were explained in detail by eminent speakers. Students and staff gained Knowledge in these domains.



5. A **career guidance programme** was organized by Department of Computer Systems and Engg, in P.G seminar Hall, Loyola Academy Degree and P.G College, on 30th January, 2017 for final year students. The resource persons are Mr.Chris, Mr.Justin Spencer and Mr.Justin Howell.

- **Purpose:** To get awareness on various P.G programmes offered by foreign universities.
- **Report:** Mr.Chris, Mr.Justin Spencer and Mr.Justin Howell briefed the students on various M.S programmes offered by Linden wood University, Harrisburg University and Ottawa University. A various programmes on Cyber security, M.S in Computer Science and M.S in Networking were offered by these universities. They explained the procedure to get admission into these universities. They explained how to crack GRE, TOEFL and other exams to get admission. They explained how these universities can help them financially.
- **Review:** Students felt that by getting admission into these foreign university might help develop their career to great extent. They were also informed about the foreign education programmes.



Faculty Achievements:

- Mrs. T. Kavitha and Mr.V.Harsha Shastri published paper on “**A Study on Big Data – technologies, challenges and impact on Internet of Things**” in **INTERNATIONAL JOURNAL OF COMPUTER TRENDS AND TECHNOLOGY** during May, 2016.
- Mr. V. Harsha Shastri received his Ph.D Degree in Computer Science and Engineering on the thesis titled “Security of MANET from Black hole attack in AODV protocol” in June 2016
- Mrs. P. S. R. Malathi, Mrs.S.Shobha Rani and Ms.T.Suneetha have published paper on “**A Narrative Data On – Demand Service For Common Interests Of Neighbors**”in **(IJTR) INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND RESEARCH**during September, 2016.
- Ms. T. Suneetha and Mrs. Hyma have published paper on “**A Well-Organized Preventive Scheme for KGA Using Hash Codes**” in **(IJTR) INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND RESEARCH** during November, 2016.
- Dr. V.Harsha Shastri and Mrs.K.Anitha published paper on “**Challenges in Wireless LAN’s and Mobile Ad hoc Network**” in **(IJCTT) INTERNATIONAL JOURNAL OF COMPUTERTRENDS AND TECHNOLOGY** during December,2016.
- Dr.V.Harsha Shastri, Mr. Sivarama Krishna and Ms.T.Suneetha presented paper on “**Security Issues in Mobile Computing**” in the National Seminar on “**APPLICATIONS OF MATHEMATICS TO CRYPTOGRAPHY**” during January, 2017.

Student’s Achievements

1. **Mr.P.Akhil** 111714016029 of B.Sc Computer Systems and Engineering III year completed his summer training project on Ethical Hacking and Information Technology from Sandrock Securities, Delhi.
2. **Mr. P.Akhil** 111714016029 of B.Sc Computer Systems and Engineering III year was certified in Maestro in Ethical Hacking conducted by IIT Delhi in June 2016.
3. **Mr. P.Akhil** 111714016029 of B.Sc Computer Systems and Engineering III year participated in Android App Development Workshop conducted by My-Droit Technologies at Delhi Technological University on 25th June 2016.

4. **Mr. P.Akhil** 111714016029 of B.Sc Computer Systems and Engineering III year participated in Industrial and Career Session organized by What After College from 20th June to 10th July 2016 at IIT Delhi.
5. **Mr. Aseef, Ms.Charu Singh and Mr. Bala Swami** of B.Sc Computer Systems and Engineering participated in T-Shirt designing competition during June-July 2016.
6. **Mr. Harsh Yadav (111715016021) and Mr. Naveen (111715016036)** of B.Sc Computer Systems and Engineering II year won first prize in Joint Leg Competition conducted by Aurora Degree and P.G College on 9th and 10th September 2016.
7. **Mr. Harsh Yadav (111715016021) and Ms. Jerusha Andrews (111715016007)** of B.Sc Computer Systems and Engineering II year won second prize in IT Quiz Competition conducted by Aurora Degree and P.G College on 9th and 10th September 2016.
8. **Ms. Akshitha (111715016004) and Mr. Samson(111715016026)** of B.Sc Computer Systems and Engineering II year won second prize in IT Quiz Competition conducted by Aurora Degree and P.G College on 9th and 10th September 2016.
9. **Ms. Charu Singh 1117150160005** of B.Sc Computer Systems and Engineering II year won first prize in Kavitha O Kavitha conducted by Aurora Degree and P.G College on 9th and 10th September 2016.
10. **Shaik Aseef Bhasha 111716016034** of I year from B.Sc Computer Systems and Engineering secured first place in Best Out of Waste at Annual cultural event festival, Resonance 2016-17 held at Loyola Academy Degree and P.G College during November 2016.
11. **Ms Charu Singh 1117150160005** of B.Sc Computer Systems and Engineering II year participated in a cleanup drive in Fox Sagar lake organized by Ms Radhika Suri, Director, Environmental Education, WWF-India during January 2017.
12. **Mr. Ch.Vinod Kumar 1117150160016** of B.Sc Computer Systems and Engineering II year won Gold medal in triple jump, volley ball conducted by OU Inter college Athletics Championship for Men and Women at GMC Balayogi Stadium, Gachibouli, Hyderabad on 16th November 2016.
13. **Mr. Shrey Gomes 111715016034** of B.Sc Computer Systems and Engineering participated in 100m run conducted by OU Inter college Athletics Championship for Men and Women at GMC Balayogi Stadium, Gachibouli, Hyderabad on 16th November 2016.
14. **Mr. G. Sravan 111714016019** of B.Sc Computer Systems and Engineering III year won third position in Hammer Throw with 24.38 mts performance conducted by OU Inter college Athletics Championship for Men and Women at GMC Balayogi Stadium, Gachibouli, Hyderabad on 16th November 2016.

Placement Data

SNO	UID	Name of the Student	Company	Salary
1	111714016002	DASARI SPANDANA	CAPGEMINI	187750
2	111714016004	KANAYALA RAMESHWAR RAO SOWMYA	Genpact	180000
3	111714016005	KUKNOOR PREMALATHA	HCL	250000
4	111714016006	KUNCHA PRATHIUSHA GOUD	Verizon	370000
5	111714016007	PENDA HARSHINI YADAV	Genpact	180000
6	111714016009	THUMMA PRANITHA	CSS Corp	200000
7	111714016011	ANOOP PERUMADAM GEORGE	Deloitte	386508

8	111714016012	BACHU AKHIL	Infosys	219300
9	111714016019	GALI SRAVAN KUMAR	Sutherland	200000
10	111714016021	K VINEET KUMAR	Cognizant	187750
11	111714016026	NAINI ALFRED SOLOMON	CSS Corp	200000
12	111714016028	PANDRAMISH SRI ARAVIND	Cognizant	187750
13*	111714016029	KEVIN AUGUSTINE MICHAEL	HCL	300000
14	111714016034	ROHAN ABRAHAM	Infosys	219300
15	111714016035	S VINEETH JOSEPH REDDY	Unisys	250000
16	111714016039	YAMJALA HARISH KUMAR	Cognizant	187750
17	111714016041	MIDDE SRIKANTH REDDY	Infosys	219300

Higher Education Details 2014-17 batch

No	Roll No	Name	Course	College
1	111714016003	GOPU RAJITHA	M.Sc. (CS)	St. FRANCIS COLLEGE FOR WOMEN, BEGUMPET
2	111714016004	R. SOWMYA	M.Sc. (CS)	St. FRANCIS COLLEGE FOR WOMEN, BEGUMPET
3	111714016006	PRATYUSHA	M.Sc. (CS)	St. FRANCIS COLLEGE FOR WOMEN, BEGUMPET
4	111714016007	HARSHINI	M.B.A	VISHWA VISHWANI COLLEGE
5	111714016009	PRANITHA	M.Sc. (CS)	UNIVERSITY COLLEGE OF SCIENCE, OU
6	111714016023	K. AKHIL	HOTEL MGMT	G. NARAYANAMMA COLLEGE OF HOTEL MGMT
7.	111714016026	P. ARAVIND	M.Sc. (IT)	SIKKIM MANIPAL UNIVERSITY, DISTANCE EDUCATION
8.	111714016027	SRI HARSHA GOUD	M.A. PUBLIC PERSONAL MGMT	OSMANIA UNIVERSITY
9	111714016030	VIJAY BALA	M.Sc. (CS)	BHAVANS' VIVEKANANDA COLLGE, OU
10	111714016036	SAI TEJA SINGH	M.B.A	VISHWA VISHWANI COLLEGE
11	111714016038	SHASIDHAR REDDY	M.Sc. (CS)	BHAVANS' VIVEKANANDA COLLGE, OU
12	111714016039	Y. HARISH	M.Sc. (IT)	SIKKIM MANIPAL UNIVERSITY, DISTANCE EDUCATION

DEPARTMENT OF COMPUTER SYSTEMS AND ENGINEERING

DEPARTMENTAL REPORT 2017-18

1. Departmental Activities

1. The Department of Computer Systems and Engineering has conducted “Lab to School Programme” from 23rd July to 30th July 2018 at various schools in around Alwal, Medchal District. The following students participated in the programme:

Rollno	Name
111715016003	Ch. Akhila
111715016004	Ch. Akshitha
111715016005	Charu Singh
111715016007	Jerusha Andrew
111715016021	Harsh Yadav
111715016026	K.Samson
111715016030	SaiSandeep Nair
111715016031	T. Rajesh
111715016036	Naveen
111715016037	Mani Shanker

- **Purpose:** The purpose of this programme is to demonstrate various components in a computer. It was initiated by the department for the first time making the students have awareness on computers to higher level students. It will enable to students to acquire teaching skills.
- **Report:** The students of class IX and X of various schools participated in the programme. Our college students gave a seminar on working of PC, demonstrated various components of a computer, and installation of operating systems and antivirus software. A feedback was also collected from the students.
- **Review:** The practical learning really gave a positive response among the school students. The School Management felt that this programme could be conducted every year. The students of class IX and X enjoyed learning the practical demonstration.





2. A guest lecture was organized for III year students of the Department of Computer Systems and Engineering on '**Career Opportunities in Computer Hardware and Networking**' on August 22, 2017 by Mr. Moses, an alumni of this department.
- **Purpose:** To impart knowledge to the students in the field of Computer Hardware and Networking and its wide scope.
 - **Report:** Mr. Moses explained the role of Network engineer in various organizations. Also various companies like Tech Mahindra and Ctrl S are recruiting the students

who have exposure to hardware, security and networking. The students were also told about the P.G programmes related to Hardware and Networking.

- **Review:** Students got an idea about various career opportunities related to Hardware and Networking. The students actively participated in the session and got a clarity about their career in future.



II. Staff Achievements

1. **Mr. V. Harsha Shastri** published a paper on “**A study of Mobile Ad-hoc Networks- Challenges, Characteristics, Applications and Routing**” in International Journal of Engineering Trends and Technology, volume 47, number 8-May 2017, ISSN: 2351-5381.
2. **Mr. V. Harsha Shastri** published and presented a paper on “**A Review on Security of Internet of Things** “ International Journal of Advanced Research in Science and Engineering, Vol 6, pp 60-64, ISSN: 2319-8354.
3. **Mr. V. Harsha Shastri** presented a paper on “**Security in MANET: Vulnerabilities, attacks and Solutions**” International Conference Research Contribution in the New Era of Engineering, Management, Arts, Sciences, and Pharmacy, organized by University of Technology, AIR and GERA on 6th and 7th August 2017, and published the paper in International Journal of Advanced Engineering and Research Development, Vol-5, Issue-3,pp 851-858, ISSN:2348-4470.
4. **Mrs. A Lourdu Rajini Kumari** participated in the National Conference on “**Current Political and Economic Situation in India and its Impact on Higher Education**” organized by Xavier Board of Higher Education in India, Bangalore held on 9th and 10th September 2017.
5. **Ms. T.Suneetha** participated in a one-day pre-conference workshop on “**Computational Intelligence: Recent Trends**” organized by Department of CSE on 25th September, 2017 during 2nd International Conference, JNTU-H.
6. **Mrs. A Lourdu Rajini Kumari, Ms. T.Suneetha and Mr. V.Harsha Shastri** participated in State Level Faculty Development Workshop on “**Research Process, Publications, Evaluation and Challenges in Research**” organized by MCA Department, Loyola Academy Degree and P.G College, Alwal, Secunderabad on 21st October 2017.



7. **Mrs. T.Ramya** delivered a talk on “**Operating Systems**” for the Generic Elective Students for Repair and Maintenance of Home Appliances on 23rd October 2017.
8. **Mr. V. Harsha Shastri** and **Ms. T.Suneetha** published and presented a paper in National Conference on “**MQTT Protocol in IoT Smart Applications**” organized by BBCIT, Hyderabad on 27th and 28th October 2017.



9. **Mrs. T.Ramya** and **Mrs. T.Kavitha** published and presented a paper in National Conference on “**Distributed IoT: Challenges and Features**” organized by BBCIT, Hyderabad on 27th and 28th October 2017.



10. **Mrs. T.Ramya and Mrs. P.S.R.Malathi** published a paper on “**Leveraging Fog Computing for Scalable IoT Data Center Using Spine-Leaf Network Topology**” in International Journal of Science and Research, volume 5, issue 10, October 2017, ISSN: 2320-9801.
11. **Mrs. T.Ramya and Mrs. K. Anitha** published a paper on “**Challenges in IoT Networking via TCP/IP Architecture**” in International Journal of Science and Research, volume 6, issue 11, November 2017, ISSN: 2319-7064.
12. **Mr. V. Harsha Shastri** presented a paper on “**Detection of worm hole attack on AODV routing protocol in MANET**” in National Conference organized by University of Technology, Rajasthan on 12th November, 2017.



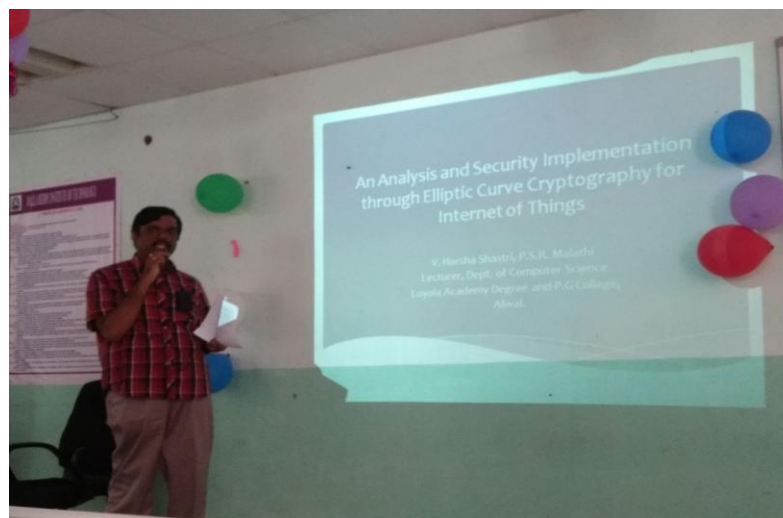
13. **Mr.V.Harsha Shastri, V. Mrs. Theresa Vinayasheela, Mrs. A Lourdu Rajini Kumari** presented a paper on “**An Intrusion Detection System for Prevention Against Attacks in MANET**” in an International Conference on Recent Innovations in Engineering and Technology organized by Aurora Scientific Technological and Research Academy on 21st -22nd December 2017.



14. **Mr.V.Harsha Shastri, Mrs. P.Sree Rathna Malathi, Mrs. K. Anitha** presented a paper on “**Detection and Prevention of Black Hole attack in MANET**” in an International Conference on Recent Innovations in Engineering and Technology organized by Aurora Scientific Technological and Research Academy on 21st -22nd December 2017.
15. **Ms.T.Suneetha and Mrs. P. Sangeetha** presented a paper on “**Enable Cloud Accumulate Appraisal with Provable for out Source of Explanation Updates**”in an International Conference on Recent Innovations in Engineering and Technology organized by Aurora Scientific Technological and Research Academy on 21st -22nd December 2017.
16. **Mrs. T.Ramya and Mrs. T.Kavitha** presented a paper on “**Security Issues In Wireless Sensor Network - A Review**” in an International Conference on Recent Innovations in Engineering and Technology organized by Aurora Scientific Technological and Research Academy on 21st -22nd December 2017.



17. **Mr. V.Harsha Shastri and Mrs. P.Sree Rathna Malathi** presented a paper on “**An Analysis and Security implementation through Elliptic Curve Cryptography for Internet of Things**”in International Conference on Innovations in Science and Technology, organized by Malla Reddy Institute of Technology on 19th-20th Jan, 2018.



18. **Ms.T.Suneetha** presented a paper on “**Cloud Computing with Secure and Trusted IBS**”in International Conference on Innovations in Science and Technology, organized by Malla Reddy Institute of Technology on 19th-20th Jan, 2018.
19. **Mr.V.Harsha Shastri, Mrs. V. Theresa Vinayasheela, Mrs. A Lourdu Rajini Kumari** presented a paper on “**A Novel Approach for Data Security using ASCII Based Arithmetic Operation Technique**” in a National Conference on organized by St. Joseph College, King Koti, on 9th February 2018.
20. **Ms.T.Suneetha** presented a paper on “**Securing Data in Cloud Computing**” in National Conference organized by St. Joseph College, King Koti, on 9th February 2018.
21. **Mr. V. Harsha Shastri, Mrs. V. Theresa Vinayasheela, Mrs. A Lourdu Rajini Kumari** presented a paper on “**A Novel Approach to secure data using Armstrong number**” in an Integrated International Immersion Conference on organized by Loyola Academy Degree and P.G College on 23rd February 2018.
22. **Mr. V. Harsha Shastri, Mrs. T. Kavitha, Mr. K. Sivarama Krishna** presented a paper on “**An Approach to Data Mining Algorithms for Internet of Things Applications**” in an Integrated International Immersion Conference on organized by Loyola Academy Degree and P.G College on 23rd February 2018.
23. **Mr. V. Harsha Shastri, Mrs. S. Shobha Rani** presented a paper on “**Detection of Multiple Black hole attacks in MANET**” in an Integrated International Immersion Conference on organized by Loyola Academy Degree and P.G College on 23rd February 2018.
24. **Mr. V. Harsha Shastri** presented a paper on “**A Matrix Approach to encrypt data using Quadratic forms**” in International conference on the “Importance of Interdisciplinary Research in Engineering, Management, Humanities and Medical Sciences” held on 25th February 2018 organized by OPJS University, and J.S University, U.P.
25. **Mr. V. Harsha Shastri** presented a paper on “**Security of MANET from Black hole attack in AODV protocol**” in International conference organized by University of Technology, Rajasthan on 4th March 2018.
26. **Mr. V. Harsha Shastri** presented a paper on “**An Approach to Data Security using Strong number and Matrix Multiplication**” in 11th International Conference on Researches in Science, Technology and Management, held on 11th March 2018 at OUCIP, OU campus, Hyderabad and published paper in International Journal of Advance Research in Science and Engineering, Vol No:07, Issue:03, ISSN: 2319-8354.
27. **Mrs. A. Lourdu Rajini Kumari and Ms.T.Suneetha** participated in two-day National Seminar on “**Internet of Things and Data Analytics**” held under TEQIP-III during 23rd and 24th March 2018 at Dept. of CSE, UCE (A) , OU in Association with VSSUT, Burla, Odisha.

III. Students Achievements

1. **Mr. Siddharth Vincent** and **Ms. Hepsiba** , B.Sc Computer Systems and Engineering I year **won II prize** in **Quiz** event in Technoid 17 organized by Dept. of CSE, Loyola Academy Degree and P.G College, Alwal.
2. **Mr. P.ManiShanker** of B.Sc Computer Systems and Engineering III year **won first prize** in **Brain Storming and Web Programming** events in Technoid 17 organized by Dept. of CSE, Loyola Academy Degree and P.G College.
3. **Mr. Harsh Yadav** of B.Sc Computer Systems and Engineering III year **won first prize** in **Mock Interview event** in Technoid 17 organized by Dept. of CSE, Loyola Academy Degree and P.G College.
4. **Ms. Jerusha Andrews** of B.Sc Computer Systems and Engineering III year **won second prize** in **Mock Interview event** in Technoid 17 organized by Dept. of CSE, Loyola Academy Degree and P.G College.
5. Mr. Sandeep Reddy of B.Sc Computer Systems and Engineering III year **won second prize** in **PhotoShop event** in Technoid 17 organized by Dept. of CSE, Loyola Academy Degree and P.G College.
6. Mr. Siddarth Vincent, Mr. Shaik Asif Bhasha and Mr. Sai Sandeep Nair of B.Sc Computer Systems and Engineering participated in the **Spell Bee Competition** conducted by B.Com Generals- Loyola Academy Degree and P.G College.
7. Mr. Shaik Asif Bhasha of B.Sc Computer Systems and Engineering II year participated in Pitch Perfect competition conducted by **Chakde Live Young Free** on 15th August 2017.
8. Mr. T. Rajesh of B.Sc Computer Systems and Engineering III year participated and **won first prize** in **paper presentation** organized by Department of Electronics Technology on 22nd August 2017, Loyola Academy Degree and P.G College. Alwal.
9. Ms. Charu Singh of B.Sc Computer Systems and Engineering III year participated and **won second prize in paper presentation** organized by Department of Electronics Technology on 22nd August 2017, Loyola Academy Degree and P.G College, Alwal
10. **Mr. K.Samson** of B.Sc Computer Systems and Engineering III year participated in paper presentation organized by Department of Electronics Technology on 22nd August 2017, Loyola Academy Degree and P.G College. Alwal
11. **Ms. K. Akhila** of B.Sc Computer Systems and Engineering III year participated and **won second prize in word building** organized by Department of Electronics Technology on 22nd August 2017, Loyola Academy Degree and P.G College. Alwal
12. **Mr. Harsh Yadav** of B.Sc Computer Systems and Engineering III year participated in JAM organized by Department of Electronics Technology on 22nd August 2017, Loyola Academy Degree and P.G College, Alwal

13. **Ms. Charu Singh, Mr. Ajay, Mr. Sai Sandeep Nair and Mr. Shaik Asif Bhasha** of B.Sc Computer Systems and Engineering participated in **Abhiyaan 2017** organized by Aurora Degree and P.G College, on 8th and 9th Sept 2017.
14. **Mr. T.Rajesh and Mr. Arun** of B.Sc Computer Systems and Engineering III year participated in **CPU Assembling** event held at Little Flower Degree College, Uppal on 11th September 2017.
15. **Mr. Harsh Yadav** of B.Sc Computer Systems and Engineering III year participated and **won II prize in CPU Assembling event** held at Little Flower Degree College, Uppal on 11th September 2017.
16. **Mr. Harsh Yadav** of B.Sc Computer Systems and Engineering III year participated in **Logical Reasoning** event held at Little Flower Degree College, Uppal on 11th September 2017.
17. **Ms. K.R. Pravalika** of B.Sc Computer Systems and Engineering III year secured **first position** in the event **Best out of waste** during the annual cultural fest Resonance 2017-18.
18. **Mr. Amit Kumar Bhuyan** of B.Sc Computer Systems and Engineering I year secured **first position** in the **Puzzle making** during annual cultural fest Resonance 2017-18.
19. **Ms. B.S. Raja Rajeswari and Ms. M. Harini Reddy** of B.Sc Computer Systems and Engineering I year participated in the Interdisciplinary workshop on “**Circuit Simulation**” held on 21st December 2017 organized by Department of Electronics Technology, Loyola Academy Degree and P.G College, Alwal.
20. **Ms. P.Hepsiba, Ms. B.S. Raja Rajeshwari and Ms. M. Harini Reddy** of B.Sc Computer Systems and Engineering I year secured **First Place in Situational Reaction** at the Intra College level conducted by Department of Commerce (Computers) on 5th January 2018.
21. B.Sc Computer Systems and Engineering II year students won first prize in Foot Ball in Intra College tournament organized by Loyola Academy Degree and P.G College.
22. **Ms. D.BhanuPriya, Ms. A.Sahithi, and Ms. V.Aashika** of B.Sc Computer Systems and Engineering II year presented a paper titled “**Firewall- its types and applications**” in an Integrated International Immersion Conference on organized by Loyola Academy Degree and P.G College on 26th February 2018.
23. **Ms. Charu Singh, Mr. Sandeep Nair** of B.Sc Computer Systems and Engineering III year presented a paper titled “**Augmented Reality Vs Virtual Reality**” in an Integrated International Immersion Conference on organized by Loyola Academy Degree and P.G College on 26th February 2018.
24. Students of II year and III year exhibited models related to Hacking, Hardware and Networking, Generations of Computers, Cloud Computing, Virtual Box in Integrated International Immersion Conference on organized by Loyola Academy Degree and P.G College on 23rd -28th February 2018.



25. **Ms. Hepsiba and Mr. Siddarth Vincent** of B.Sc Computer Systems and Engineering I year won **III prize** for their module exhibit in Virutal Box in Integrated International Immersion Conference on organized by Loyola Academy Degree and P.G College on 23rd -28th February 2018.
26. **Ms. Hepsiba** of B.Sc Computer Systems and Engineering I year secured second place in Basket Ball for Women conducted by Telangana Basket Ball Association at Hyderabad.



IV. Career Placements 2017-18

Details of UG students (passed out in 2017-2018) selected for jobs.				
Sr.No.	UID Number	Name of the Student	Organization Placed in	Salary Offered
1	111715016001	B.HONEY RAI	CTRLS4C	2.4 lac CTC
2	111715016002	B.MANASA	HINDUJA GLOBAL	3.12 lac CTC
3	111715016007	JERUSHA ANDREWS	RANDSTAD TECH.	2.07 lac CTC
4	111715016008	K.R.PRAVALIKA	Q CONNEQT	1.44 lac CTC
5	111715016011	ASHISH ANIL	VIRTUSA	2.04 lac CTC
5	111715016013	K. SANDEEP REDDY	VIRTUSA	2.04 lac CTC
6	111715016016	VINOD	FIT KIDS	2.09 lac CTC
7	111715016021	HARSH YADAV	CTRLS4C	2.4 lac CTC
8	111715016023	K.K.AKHIL	VIRTUSA	2.04 lac CTC
8	111715016026	K.SAMSON	INFOSYS	2.19 lac CTC
9	111715016028	MANOJ SAI	VIRTUSA	2.04 lac CTC
10	111715016031	RAJESH	PIONEER E-LABS	1.2 lac CTC

11	111715016034	SHREY GOMES	AMAZON	2.28 lac CTC
12	111715016035	V. SAI GANESH	WIPRO	1.74 lac CTC
13	111715016036	V.NAVEEN KUMAR	INFOSYS	2.19 lac CTC
14	111715016037	MANI SHANKER	INFOSYS	2.19 lac CTC

**Higher Education Details
2015-18 batch**

SNO	UID	Name of the Student	Course	College/University
1	111715016003	Ch. AKSHITHA	M.Sc.(CS)	UNIVERSITY COLLEGE OF SCIENCE, OU
2	111715016005	CHARU SINGH	MCA	MADRAS CHRISTIAN COLLEGE, UNIVERSITY OF MADRAS
3	111715016012	ASHISH KUMAR GOUD	MBA	VISWA VISWANI INSTITUTE OF SYSTEMS & MGMT
4	111715016022	THARUN REDDY	M.Sc.(CS)	UNIVERSITY COLLEGE OF SCIENCE, OU
5.	111715016024	KARTHIK K	MBA	VISWA VISWANI INSTITUTE OF SYSTEMS & MGMT
6	111715016030	SAI SANDEEP NAIR	MCA	UNIVERSITY COLLEGE OF SCIENCE, SAIFABAD, OU
7	111715016032	SAI KIRAN	M.Sc.(CS)	AURORA P.G COLLEGE,OU
8	111714016040	G. AJAY	M.Sc.(CS)	BHAVANS“ DEGREE AND P.G COLLEGE, OU

V. Book Publications:

Dr. V. Harsha Shastri published a book titled “**Data Structures with Boolean Algebra**” for B.Sc students of II year, 3rd Semester, as per Osmania University CBCS Syllabus, published by Himalayan Publishing House, ISO 9001:2008 certified; ISBN:978-93-5273-465-8.

Achievements B.Sc Computer Systems and Engineering

Academic Year 2018-19

Department Achievements

1. A guest lecture was organized for III year students of the Department of Computer Systems and Engineering on „**Cyber Security and Hacking**’ on 30th June 2018 by Mr. Karakala Harishwar Reddy and Mr. Kashetty Pavan, working as Security Analyst from Cygilant- Security as a Service.
 - **Purpose:** To bring awareness and career paths in Information Security domain.
 - **Report:** A guest lecture was organized for final Students of B.Sc Computer Systems and Engineering, B.Sc Computer Science and Engineering and B.Sc in Computer Data Science and Data Analytics Engineering on 30th June 2018 in P.G Seminar Hall. The speakers were from Cygilant- Security as a Service. They delivered topics related to the importance of information security in IT industry, types of hackers, and different vulnerabilities in web applications. They discussed various designations in information security and gave guidance on various certifications that one must have to enter into information security domain.
 - **Review:** Students were asked at the end some questions related to Information security topics and were excited to give answers. At the end, they were aware of various job opportunities, certifications related to Information Security domain.

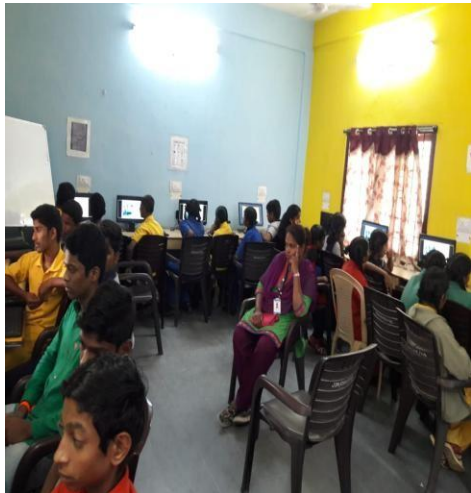


Students of III year addressed by Mr. Pavan, Ethical Hacking Expert

2. The Department organized a Lab to School programme conducted by final year students during July 2018. The following are the students participated in the LAB to School programme.

SNO	NAME	SCHOOL	Date
111716016001	Aishwarya	Good Shepred School, Suchitra	23/7/2018
111716016004	Jyothi Prasanna		
11171601641	V.Mounika		
111716016013	Ch.Bhanu Prakash Reddy	St. Claret School, Medchal	30/7/2018
111716016014	G.Siddharrtha		
11171616017	Shiva Sai		
111716016040	Y.Samrat		
111716016006	Sneha Yadav	ZPHS, Bolarum	1/8/2018
111716016008	Sai Sindhuja		
111716016043	V. Sowmya		
111716016044	Shobhana Rout		
111716016009	Akash Johnson	Sri Medha Junior College, ECIL	2/8/2018
111716016023	Nilesh Singh		
111716016033	Abhishek Yadav		
111716016002	Sahithi	ZPHS, Gajwel	2/8/2018
111716016003	Bhanu Priya		
111716016005	Lahari		
111716016007	Aashika		

- **Purpose:** The key objective is to create awareness on computer hardware components and web security.
- **Report:** Students conducted Lab to School Programme by visiting various schools in around Alwal. The Schools gave permission to our students to conduct this programme during forenoon session. The students visited the schools batch wise and explained, and demonstrated through presentations and videos related to hardware devices like motherboard, SMPS, RAM cards, assembling a PC, awareness of cyber crime, basics of Hacking and its mitigations, security on web and tips for creating strong passwords. The systems should be password protected, and need of antivirus software along with the installation steps were demonstrated through videos.. The topics were explained to students of class IX and X.
- **Review:** Students highly interacted with our college students. Students were benefitted as it helps them to learn more in depth related to subject and gained experience through teaching and learning.



Students demonstrating Lab-to-School Programme in various schools

3. A talk was organized on Business Analytics, Applications and Tools for the final year students on 20th July 2018 in Inigo Hall for
 - **Purpose:** The key objective of the seminar is to identify, understand and discuss current, real-world issues and to learn the applications of data analysis.
 - **Report:** A seminar was conducted by the department on Business Analytics, Applications and Tools for final year students. The resource person was from IBM Technologies by PACE, an IBM Career Education Authorized business partner. The talk was arranged for all the final year students of BSc Computer Science & Eng., B.Sc Computer Systems Eng. and B.Sc Maths, Statistics & Computer Science. The students clearly understood the terms of analytics and its various applications in real world. They were briefed on different applied Data Science application in mobiles such as Google Lens, Uber (an IT sector), HR Analytics, Text Analytics, Amazon (E-commerce), Sentimental Analysis, Weather Report and many more. The students also learned about how analytics is applied in business marketing and operational analytics. Then, they were given some insight on the tools used in industries to apply Data Science such as IBM COGNOS for cognitive analytics and IBM Watson for predictive modeling such as voice recognition

- **Review:** The interaction helped students understand how to use multiple thinking strategies to examine real-world issues, explore creative avenues of expression, solve problems, and make consequential decisions.



Mr. Khaleel Bhasha from IBM delivered a talk on Analytics tools

4. A guest lecture was organized by the department of B.Sc. Computer Data Science & Data Analytics Engg. on Career Guidance for Final year students on 21st July 2018.
 - **Purpose:** The key objective of the seminar is to identify the current trends in the market and prepare themselves for the future. The purpose of this programme is to give students the required awareness and insight into the industry needs such as the skill set the students need to acquire and the kind of job opportunities that are available for Data Science students.
 - **Report:** A talk on career guidance was conducted by the department to brief the students and give them awareness on the emerging technologies and present market scenario. The resource person Ms. Bhavani from TCS being the full stack developer explained about the technologies such as DevOps, Agile; Cloud computing, Data Science, Block Chain Mechanism, Big Data Analytics, Hadoop, R- Programming, and Python Programming. The students were briefed on how to prepare for the interviews by sharing her experience. They were suggested to prepare about the company, its objective and its future scope when applying for a job. She even explained about the real- working environment in the company and also about the most frequently used terms in companies such as Agile Project Management which includes only 5 to 6 members working and developing for the project. This talk was arranged for all the final year students of departments of BSc. Computer Data Science and Data Analytics Engineering, BSc Computer Science & Eng. and BSc Computer Systems & Eng. Ms. Bhavani, the employee of TCS was passed out from Loyola Academy Degree & PG College, Old Alwal from BSc. Computer science Engineering and she also mentioned that she feel proud to share her experience in her own college as a resource person.
 - **Review:** This talk was very helpful as the students got to know some techniques about how to crack company interviews with ease. Advance probing questions about Scope of subjects in professional field and how to prepare themselves for the

upcoming interviews. The students have been benefitted through the interaction. The session motivated the students and helped them in understanding skills to be acquired for good placements.

5. The Department organized an event **Anonymous Hardware Hackathon 2k18** on September 1, 2018.

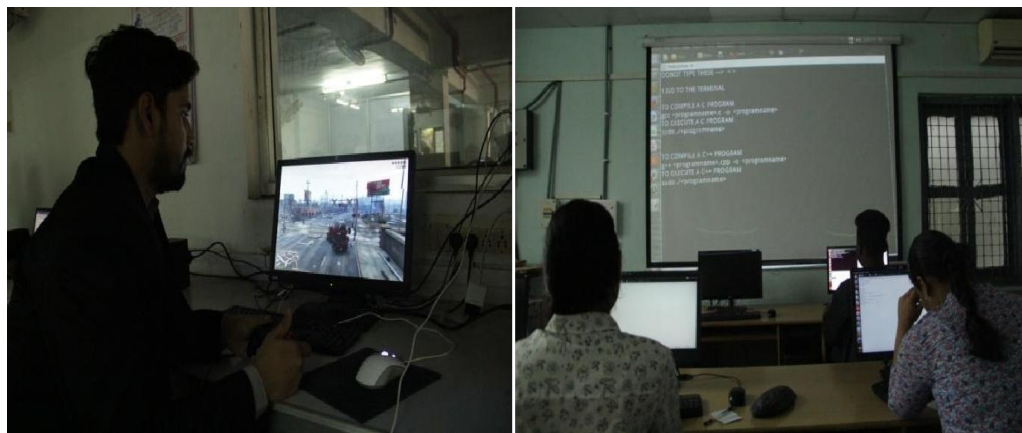
- **Purpose:** The key objective of this event is to create awareness on Ethical Hacking, network security and phishing websites and also gain an understanding of various certifications in Systems Administration.
- **Report:** Students organized a one-day event **Anonymous Hardware Hackathon 2k18**. Students from various colleges and within the college took part in the event. The Chief guest was Mr. Jwala Babu, an alumini from the Department of Chemical Technology who is a senior technology specialist from Wells Fargo presided over the event. Sir explained on various tips and tricks to prepare for the interview. Also he stressed on various certifications such as Oracle certification, CCNA and CCNP certifications. The Guest of Honor was Mr. Vikas Jain, an Ethical Hacker and young Security Researcher and Infosec trainer with 5+ years of experience. He is an Ec-Council Certified Instructor. He explained various types of attacks and their mitigations, protection of systems from attacks and identifying fake websites.

Students of I and II year prepared various module exhibits such as IoT, Hologram, Virtual Box, Visual effects, Robotics, PC assembling and many others. Various events such as Abstract presentations, LAN gaming, and Coding were organized. Students actively participated in all the events. There were three winners in each event who were given an appreciation certificate and all those who participated were given participation certificate.

- **Review:** Students learnt various techniques related to Hacking. Modules were exhibited which gain a lot of importance in this event. Students of various colleges interacted with the presenters and could get awareness on various aspects related to Computer Science.



Students at Anonymous Hardware Hackathon, 2018



Competitions conducted during the technical fest

6. Professional Academy for Corporate Excellence Pvt. Ltd. (PACE) in collaboration with IBM has conducted a 30 hour training session for few of the final year students of B.Sc Computer Data Science and Data Analytics Engg in MBA lab at Loyola Academy Degree & PG College on 3th, 4th, 5th and 10th, 11th and 12th of December 2018.
 - **Purpose:** The aim of this certificate programme is to train the students in IBM tools such as Cognos Insight and Cognos Analytics which are used extensively by data analysts.
 - **Report:** PACE organization visits various colleges & trains the students on business analytics tools that IBM uses to analyze the data. It is a 30 hour certification program which was held at our campus. 15 students have undergone this training programme and will be receiving certificates from IBM. The trainer **Mr. Khaleel Basha** shared a lot of important concepts apart from imparting the knowledge and expertise required to work with data. The students have learnt two tools namely **Cognos Insight** and **Cognos Analytics**. Both the tools are of simple drag and drop concepts. They are very simple, understandable and easy to learn and work with. The students were given few datasets and were asked to analyze the data by framing some questions, and creating some visualization that interpret the data in an appropriate manner. They also created some reports, stories and dashboards for the given datasets. The difference between the two tools is that Cognos insight is a software which can be downloaded on the systems and can be accessed even when offline, while Cognos Analytics is an online tool which means it can only be accessed when online. Final year student Mr. S.B. Abhishek 111716016033 of B.Sc Computer Systems and Engineering took part in programme.
 - **Review:** The entire training session was a great success and the knowledge that students gained is immense with respect to analyzing and visualizing data. The concepts learnt would be very helpful in their career while dealing with any type of datasets.
7. A guest lecture was organized by Department of B.Sc Computer Systems and Engineering and B.Sc Computer Data Science and Data Analytics Engineering for final year students on 21st December 2018.
 - **Purpose:** The key objective is to enable the students to prepare ready for the industry.

- **Report:** Mr. Vijay Krishnan, an alumni of B.Sc Computer Maintenance, of 1996-1999 batch delivered a talk on “A journey from College to Corporate”. He focused mainly on skills while recruiting the students into industry. A student must have a formal education, right attitude, Technical skills, Process and Management skills. These skills must be constantly adapted to the need. A student needs training to undergo vendor based certifications in areas like ITIL, Project management, Basics of Quality and BPM. Various types certifications like cloud certifications, Microsoft Azure Cloud, Oracle and Cisco certifications are needed from the students.
- **Review:** Students could get an insight into various certifications and skills needed to prepare for the interview. They understood that certifications are mandatory to get deeper knowledge in various domains.



Mr. Vijay Krishnan, an Alumina of CE department addressing final year students

Student Achievements

1. **P.Hepsiba** of B.Sc Computer Systems and Engineering II year participated as a player in the 6th Senior National Dueball Championship for Men and Women held at Indira Gandhi Stadium, Una, Himachal Pradesh from 25th to 27th June 2018.
2. **Harini Reddy and R.Sravan Kumar** of B.Sc Computer Systems and Engineering II year attended a two day workshop on Internet of Things organized by Department of Electronics Technology on 12th and 13th of July 2018.
3. **P. Hepsiba and Siddhartha** of B.Sc Computer Systems and Engineering II year participated in Face Painting competition held at Magnum Opus, organized by Department of Multimedia and Animation held on 2nd and 3rd Aug 2k18.

4. **P. Hepsiba** of B.Sc Computer Systems and Engineering II year participated in Spot Painting competition held at Magnum Opus, organized by Department of Multimedia and Animation held on 2nd and 3rd Aug 2k18.
5. **P. Hepsiba** of B.Sc Computer Systems and Engineering II year participated in Cosplay and secured **2nd position** held at Magnum Opus, organized by Department of Multimedia and Animation held on 2nd and 3rd Aug 2k18.
6. **Abhishek Yadav and Aakash Johnson** of B.Sc Computer Systems and Engineering III year participated in Yuva Wiz event organized by St.Francis College for Women, Begumpet, on 22nd August 2018.
7. **Abhishek, Nilesh Singh and Aakash Johnson** of B.Sc Computer Systems and Engineering III year won second prize in “Module Exhibits” on September 1,2018 in the event Anonymous Hardware Hackathon 2018.
8. **Harini Reddy** of B.Sc Computer Systems and Engineering II year won third prize in module exhibits titled “IoT Prototype” on September 1,2018 in the event Anonymous Hardware Hackathon 2018.
9. **Siddhartha Vincent** of B.Sc Computer Systems and Engineering II year participated in Math Origin 2k18 organized by Dept. of MSCS on 6th and 7th September 2k18.
10. **R.Sumanth** of B.Sc Computer Systems and Engineering II year participated in Math Origin 2k18 organized by Dept. of MSCS on 6th and 7th September 2k18.
11. **B.Sc Computer Systems and Engineering students of I and II year** participated in the National Library week organized by Department of Library and Information Science, Loyola Academy Degree and P.G College from 14th to 20th November 2018.
12. **D. Supriya** of B.Sc Computer Systems and Engineering I year secured 2nd position in Essay Writing competition in the National Library week organized by Department of Library and Information Science, Loyola Academy Degree and P.G College from 14th to 20th November 2018.
13. **Shaik Aseef Bhasha** of B.Sc Computer Systems and Engineering III year secured 3rd position in Elocution competition in the National Library week organized by Department of Library and Information Science, Loyola Academy Degree and P.G College from 14th to 20th November 2018.
14. **Jeevan Kranthi and Uday** of B.Sc Computer Systems and Engineering II year secured 2nd position in National Level Film Quiz competition held as a part of Indywood Talent Hunt“ 18 at Hitex Convention Center , Hyderabad from December 1-4, 2018.
15. **Yogesh Kumar** of B.Sc Computer Systems and Engineering II year participated in National Level Solo Dance competition held as a part of Indywood Talent Hunt“ 18 at Hitex Convention Center , Hyderabad from December 1-4, 2018.
16. **Mr. Mohit Yadav Menda (111717016020)** of B.Sc. Computer Systems & Engineering III year, a member of the OU foot ball team participated in South Zone Inter University Tournament held at Central University of Puduchery from 3rd December 2018 to 11th December 2018.

17. **Jeevan Kranthi and his team of B.Sc Computer Systems and Engineering II year** secured 2nd position in Play Button (Short Film) competition as a part of JOSEPHIESTA-19 event by St.Joseph's Degree and P.G College,King Koti, Hyderabad on 3rd January 2019.

STAFF ACHIEVEMENTS

1. **Ms. T. Suneetha** presented and published a paper titled "Importance of Virtual Machines in Cloud Computing Environment" in National Conference on Research Advancements in Computational Informatics organized by CSE dept, Anurag Group of Institutions on 16th & 17th March 2018, Hyderabad, IF – 4.890, ISSN: 2248-9347.
2. **Ms. T. Suneetha** published a paper "Smart City Implementations Models based on IOT Technology" in International Journal of Science and Research in Volume 7, Issue 4, April 2018, IF – 7.296, ISSN: 2319 – 7064.
3. **Ms. T. Suneetha** published a paper "Secure And Trusted IBS in Cloud" in IJAERD in Volume 5, Issue 4, April 2018, IF – 5.71, ISSN: 2348-6406.
4. **Ms. T. Suneetha** participated in MEITY, Govt of India sponsored one week FDP on "Data Analytics with R" organized by E&ICT Academy, NIIT Warangal at G Narayanamma Institute of Technology and Science, Shaikpet, Hyderabad from 30th April to 5th May 2018.



Ms. Suneetha attending a 1-week workshop on Data Analytics with R.

5. **Ms. T. Suneetha** published a paper "New – Gen Big Data Applications" in JETIR in Volume 5, Issue 8, August 2018, IF – 5.87, ISSN: 2349-5162.
6. **Ms. T. Suneetha** published a paper "Cloud and Bigdata: A Compelling Combination" in JETIR in Volume 5, Issue 9, September 2018, IF – 5.87, ISSN: 2349-5162.
7. **Mrs. A.Lourdhu Rajini Kumari** and **Mrs. T. Ramya** participated in MEITY, Govt of India sponsored one week FDP on "Big Data Analytics" organized by E&ICT Academy, NIIT Warangal at MVSR Engineering College ,Nadargul, Hyderabad from 7th to 12th August 2018.



Workshop on Big Data Analytics at MVSR Engineering College

8. **Dr. V.Harsha Shastri** published a paper titled “A novel approach to encrypt data in MANET using Tic Tac Toe encryption” in IJRAR, UGC approved, Volume 5, Issue 3, July-Sept 2018. IF 3.215
9. **Dr. V.Harsha Shastri** and **Mrs. T.Kavitha** published a paper titled “ Big Data Security: Challenges and Technologies” in IJRAR, UGC approved, Volume 5, Issue 3, August 2018.IF:5.75.
10. **Dr. V.Harsha Shastri** published a paper titled “An Approach to secure data using Fibonacci Series” in IJRAR, UGC approved, Volume 5, Issue 3, December 2018.IF:5.75.
11. **Mrs. T Ramya** published a paper titled “A Comprehensive survey on security issues in IOT” UGC approved, Volume 5, Issue 4, Decmeber 2018.
12. **Mrs. T Ramya** and **Ms. T Suneetha** attended a 5-Day Short term training program on “**Applied Cryptography and Security Mechanisms**” conducted by Dept. of CSE, VNR Vignana Jyothi Institute Of Engineering and Technology, in collaboration with CSI from 3rd to 8th December 2018.



Mrs. T.Ramya and Mrs. Suneetha at 5-day training programme on Applied Cryptography and Security Mechanisms

13. **Dr. V. Harsha Shastri** qualified **National Eligibility Test (NET)** conducted by UGC in Computer Science and Applications in December 2018.

14. **Dr. V. Harsha Shastri and Mrs. Lourdu Rajini Kumari** published a paper titled “**An Approach to secure data using Multiple Ciphering**” in JETIR, UGC approved journal, in Volume 6 Issue 1, January 2019 with ISSN: 2349-5162 and IF: 5.87.

Higher Education Details

S.No	HT No	Name	Program Joined	University/ Institution
1	111716016008	SAI SINDHUJA	MBA	KOMMURI PRATAP REDDY INSTITUTE OF MGMT
2	111716016004	REDDYMASI JYOTHI PRASANNA	MBA	GITAM UNIV.
3	111716016005	THATHIREDDY LAHARI	Diploma In Aviation	
4	111716016007	VELAGA AASHIKA	MSc IT	University of Madras
5	111716016016	G AKHIL	MBA	Mother Teresa Group of Colleges
6	111716016015	GALI SAGAR AJAY REDDY	MBA	PRESIDENCY UNIV
7	111716016017	J SHIVA SAI	MBA	Mother Teresa Group of Colleges
8	111716016019	MADANU BALA SWAMY	MBA	Loyola Academy
9	111716016020	MOHIT YADAV	MCA	Loyola Academy
10	111716016021	MENDE RAMESH	MBA	Malla Reddy Engg College

Placement Details

S.No	HT No	Name	Company	Salary
1	111716016018	HANISH REDDY	ALIENS DEVELOPERS	2.16 lacs
2	111716016002	AMARA SAHITHI	Wipro	1.92 lacs
3	111716016003	BHANU PRIYA MUDHIRAJ	TCS	1.98 lacs
4	111716016011	BAJJARI SAI KIRAN REDDY	Info Logitech	2.4 lacs
5	111716016014	GALIPALLY SIDDHARTHA	Amazon	2.12 lacs
6	111716016022	NILESH SINGH	TCS	1.94 lacs
7	111716016024	DIKSHIT RAJ	TCS	1.94 lacs
8	111716016026	PENTYALA JOSEPH VAMSHI	TCS	1.94 lacs
9	111716016027	RACHAPUDI SRIHARSHA KOUSHIK	Ctrl S	2.75 lacs
10	111716016028	RAGIRI SHASHANK GOUD	AGS Health	1.87 lacs
11	111716016033	SAIT BALARAM ABHISHEK YADAV	Ctrl S	2.75 lacs
12	111716016034	SHAIK ASEEF BASHA	Ctrl S	2.75 lacs
13	111716016036	SRIVESH GANDHI	KNOCK DOOR SERVICES	1.92 lacs
14	111716016038	UDUMULA VELANGINI REDDY	Gen Pact	2.28 lacs
15	111716016040	YOGISHWARLA SAI SAMRAT	ADP	1.8 lacs
16	111716016044	SHOBHANA ROUT	Ctrl S	2.75 lacs

Department of Computer Systems & Engineering 2019-20

Department Achievements

1. A guest lecture was organized for III year students of the Department of Computer Systems and Engineering on 'Project Development' on 24th July 2019 by Mr. Clinton D'Souza- Head of Partnership, Luvieen Alva- Co-Founder and CEO from Mentor Mind in the Networking Lab.
 - **Purpose:** To set career path and enhance skills of students via projects.
 - **Report:** A guest lecture was organized for final Students of B.Sc Computer Systems and Engineering, on 24th July 2019. The speakers were Mr. Clinton D'Souza- Head of Partnership, Luvieen Alva- Co-Founder and CEO from Mentor Mind. They focused on project development and internships. The speakers spoke on practical approach with theoretical knowledge and skills required for a student to gain job in the field they are interested in. Through this, they tried to nurture the students on how important it is for them to do a project and the scope they have in a particular field. They gave brief description on front and backend projects and the domain where the projects can be provided for the students with facilities. The objective was to take the students a step nearer so that they can be industry-ready and hence help them in creating job opportunities. They conducted logical games during the session which helped the students have a great communication.
 - **Review:** Students interacted by asking questions on what kind of projects and the domain they were interested in. They provided information on many important things related to a particular field and job prospectus that students never came across. The lecture is definitely a profit in sense of knowledge.



2. An industrial trip to BSNL, RTTC, Gachibowli was organized for III year students of 2017-20 batch of Dept. of Computer Systems and Engineering on 2nd August 2019.
 - **Purpose:**
 - To make students aware of the industrial procedures required to enter in any company.

- To experience the working environment in industry and visualize all the important Departments in the Industry.
- To prepare the students for the selection of carrier path in different departments of industry.
- **Report:** An industrial trip to BSNL, RTTC was organized by Dept. of B.Sc. Computer Systems and Engineering on 2nd August 2019. Students visited various labs such as CDOT, SDH, Optical Fibre and DW Systems lab. In CDOT lab, the staff of BSNL explained IPv4, and IPV6 address used and about LAN, and description on landline working, analog and digital frequency. Students witnessed practically the EXCHSIDE, LINESIDE machines and their working.



CDOT LAB MACHINES

A brief talk was given on brief talk on optical fibre cables ,splicing tools ,and single and multi mode transmission ,ARC vision technique. They explained on packet and circuit switching, advantages and disadvantages of switching with examples. In the optical fibre lab, we could actually see and understand colour coding inside optical fibre. Mrs. Uma, an instructor explained UTMS network architecture ,GPRS,CDMA technology and evolution ,history and working .description on 2G,3G,and 4G networks ,mobile technology, with advantages and disadvantages.



UTMS Network Architecture

Mr. Prashanth explained wired and wireless communication, transmission media, DSL technology, description on splitter, modem, RS11 cable and DSL technology .brief description about tier 1, tier 2 switches, Ethernet ports, speeds, BNG, NTB and IP addressing mechanism.



ROUTERS AND SWITCHES

- **Review:** Students experienced an exposure to industry that helped them to relate theoretical aspects of Networking through demonstrations. The members of BSNL gave a very quick response to students who asked questions. We learned many things regarding optical fibres, mobile networks, and were able to understand technology in the industry.



Final year students of 2017-20 batch attending Industrial Trip to BSNL, Gachibowli

3 Report on Guest Lecture:

Department of Computer Science and Engineering and Computer Systems & Engineering arranged a guest lecture on “How to sharpen Technical Skills” by Mr. S. Sharath Kumar, alumni of CSE department (111716013048), CEO and Founder of WOOZIT Solutions on 29th August 2019.

Purpose: The main focus of the session was to encourage the students in building their own dreams and improving their skills by providing 50 courses equals to students which is completely online based.

Report: A guest lecture was given by Mr. S. Sharath Kumar to the final years and 2nd year student of B.Sc. Computer Science and Engineering and BSc computer systems and Engineering on 29th August 2019 in Loyola hall from 2:45 p.m. to 4 p.m.

The Session was all about how to sharpen the technical skills and try to become the independent personality in the society where people will search for you rather than you going in search for job. The aim of the session was “To be expertise in one thing ”such that no one can replace you. The session was very interactive, and inspirational. The most important and remarkable note of the session was “RUN” they should not be any stop in life and always run in-chase off your dreams keep in-phase with the society and outside industry.

Review: The wisdom showered on us by Mr.S Sharath Kumar is truly very motivational and will definitely help students to survive in any period of human race.

Glimpses of Guest Lecture-



Mr. S. Sharath Kumar of 2016-19 passed out batch student addressing the final year students of 2017-20 batch.

4. The Department of Computer Systems and Engineering with other Science departments in the college celebrated the National Science Day on 28th and 29th February 2020. **Purpose: National Science Day is celebrated** to commemorate discovery of the 'Raman Effect', which led to Indian scientist Sir Chandrasekhara Venkata Raman or CV Raman winning the Noble Prize in Physics in 1930. **National Science Day is celebrated** every year on February 28.

Report: During the two day celebrations on eve of Science Day, students of various departments exhibited project models. Various models from agriculture, engineering and technology participated in the science day. Mr. Pranav and Mr. Ajay, the alumina of

Electronics technology addressed the students. Mr. Pranav, the CEO showed a video clip of artificial arm which was put on Mr. Vivek who lost his hands in electronic fusion. Later, Mr. Ajay an IT resource person explained how important is to understand the concepts and put it into practice.

Models like IoT, Assembling a PC, virtual box, Anroid hacking, password cracking, phishing were demonstrated. Schools like CRPF High School, Model Mission High School and St.Anthony High School visited the exhibition. School level Quiz was conducted for various schools which includes MCQs, image round, and rapid fire round and certificates were given to winners and runners up. The first and second positions were bagged by CRPF High School and third position was bagged by Model Mission High School.

Students on the day 2 participated in power point presentation and Quiz organized by PG department.

The department bagged II prize in model exhibits and III prize in Quiz.

Winners list in model exhibits:

S.NO	UID	NAME
1.	111718016019	Sonito Boro
2	111717016001	RajaRajeshwari

Winners list in QUIZ:

S.NO	UID	NAME
1.	111718016051	Yash Sarda
2	111718016025	Ambeer Vijay
3.	111718016041	Krishna Srinivas Pruthvi



Mr. Pranav helping hand to Mr. Vivek

National Science day



Students from Dept. of Computer Systems & Engineering at National Science Day on 28th and 29th February 2020

Review: The two day national science day gave a very good experience to the students demonstrating their talents, and gaining knowledge in all domains in various capacities.

5. Students of II year of 2018-21 batch conducted lab-to-school programme in various schools in around Alwal on 30th January 2020.

Purpose: To make the students aware of hardware components of systems and measures to protect system.

Report: Students of II year of 2018-21 batch were split into batches comprising of 4 students per batch. They visited Mother Teresa High School, Chintal and Shanker

Vidyalaya High School, Malkajgiri. They visited schools during afternoon session where the permission was accorded by the school principal. The students of 8th and 10th class witnessed the programme. They were made to assemble in their class and the teachers introduced our students. During the visit, students explained various hardware components of system, how to trouble shoot a system in case of problems and running multiple operating systems using virtual box. They explained how to install anti-virus software and protect confidential documents by using password mechanisms. They explained various doubts raised by students.

S.No	UID	Name
1	111718016017	Sravani
2	111718016012	Megha Ann Moncy
3	111718016007	Sindu
4	111718016037	Hemanth Ignatius
5	111718016044	Rahul Reddy
6	111718016005	Divya poojitha
7	11171816010	K. Nikitha
8	111718016031	B. Shiva Charan
9	111718016037	Ivan Moses

Review: The feedback was collected by school students and most of them gave a grade between excellent- very good grade. The session was interactive and the principal expressed his gratitude for such a commendable job. Students felt that these kinds of programmes will help the students to get aware of technology and will also increase their communication skills and express it in a better way.



Students of II year of 2018-21 batch addressing 8th class students of Shanker Vidyalaya School, Malkajgiri



Students of II year of 2018-21 batch addressing 8th class students of Mother Teresa School, Chintal.

6. The department conducted two-day workshop on Ethical Hacking during 6th and 7th March 2020. The speakers were Mr. Pavan Kashetty, Security Consultant, Mr. Harishwar Reddy, partner, Cyber Sapiens and Mr. Mayur Aditya.

Report: The students of II and III year participated during this workshop and learnt practically various tools such as installation of kali linux, security essential commands and hands-on on understanding how to identify a fake website. During this event, the faculty co-ordinated with the students in carrying out with the workshop. They explained how the apps installed in mobile become vulnerable and take sensitive information from mobile. They explained various measures to be taken against this kind of illegitimate activity.



Review: Students expressed that this kind of workshops would enlighten them in understanding cyber security essentials.

Students Achievements

1. **Ms. Sunito Boro** (111718016019) of II year of 2018-21 batch won first prize at Telangana Korea Cultural Fest and LG All India KPop Contest, Hyderabad regional round 2019 on 22nd June 2019 at Ravindra Bharati, Hyderabad.



Ms. Sonito Boro of II year of 2018-21 batch receiving first prize at Telangana Cultural Fest

2. **Ivan Moses** (111718016037) (TS/18/SDF/180035) of Rank CDT and unit 1(T) AIR SQN of II year of 2018-21 batch attended ATC-VI at Bison Training Ground, Secunderabad from 17th Jul 2019 to 25th Jul 2019. His Performance was exemplary.

3. Students of II year of 2018-21 batch attended a two-day workshop organized by VNR Vignana Jyothi Institute of Engineering & Technology, Bachupally Hyderabad, on 26th and 27th September 2019.

S.No	UID	Name	Workshop
1.	111718016020	Vaibhav Shukla	Solid Works Mgmt
2.	111718016027	Ankith Kumar Singh	
3.	111718016034	D. Santosh	IoT in Civil Engineering
4.	111718016006	D. Supriya	
5.	111718016047	K.R. Sai Krishna	

Purpose: To be aware of the latest technology in various domains such as IoT and design and manufacture of resources.

Report: on Solid Works Management and IoT

The workshop was held in CAD lab under the guidance of InfoSys Officials. This workshop deals with productivity of the design and manufacturing of resources while empowering to deliver innovative products faster. On the first day, students were taught on how to adjust the units and degrees of freedom of the particular object designed. We need to make the sketch of the object adjusting the length and mirroring which made the work easier.

The second session involved learning about sketch and various components which are used to fill in the voids of the sketches. A brief introduction on how and where solid works are used was explained. We were able to fill up the sketches based on the requirement and then assemble into single unit.

The workshop was on Internet of Things. Students were briefed on introduction of IoT and their applications. They explained on various components related to IoT such as arduino boards, Wi-Fi module and sensors. They learnt different ways like analog and digital type of sensors using arduino boards. Practical sessions were conducted get hands-on experience using IoT components.

Feedback: Students became aware on the design and manufacturing of resources using solid works management. They learnt how to use sketch in the design and manufacture of resources. Students became aware on the applications of IoT in much more practical way. We felt the importance of IoT in day-to-day life.



Students of II year of 2018-21 batch attending 2-day workshop at VNR-VJIET

4. Students of II year of 2018-21 batch attended a two-day workshop organized by Sree Nidhi Institute of Science and Technology (SNIST) on 25th and 26th September 2019.

S.No	UID	Name	Workshop
1.	111718016032	C. Sai Kiran	IoT with IBM Cloud
2.	111718016041	M.K.S. Pruthvi	

Purpose: To be aware of the IoT using IBM cloud.

Report: A two day workshop on IoT using IBM Cloud was organized by Sree Nidhi Institute of Science and Technology. The workshop was collaborated with SMART BRIDGE and IBM. They explained the applications of IOT and demonstrated the IOT practically. The focus was on the architecture of IoT and IoT Solution Development. Later on students worked on Node MCU Module and its applications. They explained message passing using IBM cloud and responding of Node MCU. Audino boards were used to program using Node Red which is a flow based application. Some of the applications witnessed were measuring temperature, distance and uploading in cloud.

Review: Students became aware on the applications of IoT in much more practical way. We felt the importance of IoT in day-to-day life.



Students of 2018-21 batch attending a 2-day workshop at SNIST on IoT

5. Ms. Bharathi Paila of II year B.Sc. Computer Systems and Engineering of 2018-21 batch participated in Drona 2019- the Mentorship and Leadership Program which was conducted as a part of IRIS 2019- the Management and Cultural fest of IIM Indore.
6. **Mr. P.Vamshi and P. Shivaprasad** of I year B.Sc. Computer Systems and Engineering of 2019-22 batch participated in blood donation camp 12th December 2019 organized by HDFC bank Ltd., NSS Unit of Loyola Academy and India Red Cross Society.
7. **Ms. K.Tejasree, Ms. Y.Pravalika, Ms. K.Shivani, Mr. A.Vincent Nathaniel, Mr. P.Bhavani Kiran , Mr. S.Akshay Rao, and Mr. P.Lakshmi Kanth** of I year B.Sc. Computer Systems and Engineering of 2019-22 batch participated in an IoT (Internet of Things) workshop conducted by Vorton TechSolutions Pvt. Ltd and successfully completed Level 1 on IoT Technology and its application at Loyola Academy, Hyderabad on 12th and 13th December 2019.
8. **Ms. Sonito Boro (111718016019)**, of II year B.Sc. Computer Systems and Engineering of 2018-21 batch participated in a two-week FDP on “Cyber Security, Cryptanalysis and Security for Physical Infrastructure” sponsored by Department of Science & Technology- ICPS Division, Govt. of India, held during 9th-20th December 2019, organized by Dept. of CSE, Guru Nanak Institutions Technical Campus (A), Hyderabad, Telangana.



Ms. Sonito Boro of II year of 2018-21 batch attending a 10-day workshop on “Cyber Security, Cryptanalysis and Security for Physical Infrastructure”

9. Students of B.Sc. Computer Systems and Engineering participated in Voice for Girls during May 2019 and December 2019.



Students of B.Sc. Computer Systems and Engineering at Voice for Girls

10. Students of II year B.Sc. Computer Systems and Engineering attended the Ethical Hacking Workshop conducted by Kyrion Technologies Pvt. Ltd on 25th January 2020 at BITS, Pilani, Hyderabad

S.No	UID	Name
1	111718016026	A.S.K. Chaitanya
2	111718016032	C.Sai Kiran
3	111718016036	P. Hemanth Ignatius
4	111718016041	Pruthvi
5	111718016044	M.Rahul Reddy



Students of II year B.Sc. Computer Systems and Engineering attending a workshop in BITS on Ethical Hacking on 25th January 2020.

11. **Students of III year B.Sc. Computer Systems and Engineering attended and completed Cyber Forensics workshop jointly organized by Key Skills Hub, IIT Guwahati, in association with Pramana 2020, GITAM Hyderabad on 28th and 29th January 2020.**

S.No	UID	Student name
1.	111717016018	Yashwanth
2	111717016027	Gowtham Reddy
3	111717016035	Sumanth
4	111717016041	Shanmukh Raju
5	111717016044	Nishanth

12. **Students of II year B.Sc. Computer Systems and Engineering attended the Ethical Hacking Workshop conducted on 1st February 2020 at St.Martin's Engineering College in association with MITTAL Technologies.**

S.No	UID	Student name
1.	111718016004	Meghana Reddy
2	111718016037	H.Ivan Moses
3	111718016009	G.S.Divya
4	111718016014	P.Bharathi
5	111718016016	Priya Yadav
6	111718016021	Pranavi Reedy
7	111718016002	Sahithi
8	111718016015	Karthika



Students of II year of 2018-21 batch attending a workshop at St. Martin's Engg. College

13. Students of B.Sc. Computer Systems and Engineering of II year of 2018-21 batch attended a 2 day International workshop on **Cyber Security and Ethical Hacking** on 27th and 28th February 2020, organized by Dept. of Computer Science at Bhavan's Vivekananda College of Science, Humanities and Commerce.

Purpose: To get a hands-on experience on Ethical Hacking

Report: Students of II year B.Sc. Computer Systems & Engineering attended 2 day International workshop on **Cyber Security and Ethical Hacking** on 27th and 28th February 2020, organized by Dept. of Computer Science at Bhavan's Vivekananda College of Science, Humanities and Commerce. The resource person was Mr. Giridhar who explained the installation of Kali Linux and some basic commands. Using these commands he explained how we can break the security and creep into other servers. There were some live video sessions with the foreign speaker Mr. Barry Nester. A panel discussion was arranged related to the opportunities and challenges in this area. The following students attended the session:

S.No	UID	Name
1	111718016034	D. Santosh
2	111718016039	K.Sai Kiran
3	111718016047	K. Sai Krishna
4	111718016028	B. Karthik
5	111717016047	Sachin Beniwal

Review: We learned and experienced in this program by this we came to know how to protect the data from the cyber attacks



DEEP vs DARK		
	DEEP NET	DARK NET
SAFE TO ACCESS	YES	NO
SAFETY MEASURES	There are much more safety precautions involved in using these deep web browsers. Example; masking IP address, encryptions, etc.	No matter how updated, browsers still have vulnerabilities that can be exploited
Information Disclosure	There are directories that you can use to browse safely in the deep web.	Even just using your normal email or a regular username can have serious effects
Financial Details		NEVER give up personal info, or credit card info Should be wary when making purchases etc. Provides additional security in terms of hacking and malware prevention





Students receiving participation certificates from Prof M.V.Ramana Murthy

14. Karthik (111719016022) participated in National Science Day organized by Dept. of Computer Systems & Engineering on 28th and 29th February 2020.
15. P.Bhavani Kiran (111719016039), P. Lakshmi Kanth (111719016042) participated in two-day workshop on “**Cyber Security and Ethical Hacking**” organized by Dept. of Computer Systems & Engineering on 6th and 7th March 2020.
16. S. Akshay (111719016047) participated in the webinar “**IoT Security**” on 27th April 2020, organized by CDAC.
17. S. Akshay (111719016047) completed an online course “**Career Edge- Knock down the Lock down**” from TCS iON from 26th April 2020-6th May 2020.

Staff Achievements

1. Dr.V.Harsha Shastri, Mrs. T. Kavitha and Mr.K.Siva Rama Krishna published a paper titled “**CLOUD COMPUTING SECURITY ALGORITHMS COMPARATIVE ANALYSIS**” in JETIR, UGC Approved Journal No: 63975 with Impact Factor 5.87 in Vol 6, Issue 6, June 2019.
2. Ms. N. Nageshwari, Lecturer in Computer Science attended a workshop on “**2-day Hand’s on Faculty Development Program Artificial Intelligence and Machine learning**” at St.Ann’s Women’s College, Mehadipatnam on 7th and 8th August 2019.



Ms. N.Nageshwari attending a 2-day FDP on AI and ML

3. **Mrs. T. Ramya and Mr. T.Vishwanath** from Department of B.Sc. Computer Systems and Engineering participated in a two-week FDP on “**Cyber Security, Cryptanalysis and Security for Physical Infrastructure**” sponsored by Department of Science & Technology- ICPS Division, Govt. of India, held during 9th-20th December 2019, organized by Dept. of CSE, Guru Nanak Institutions Technical Campus (A), Hyderabad, Telangana.



Mrs. Ramya and Mr. T.Vishwanath attending a 10-day workshop on Cyber Security, Cryptanalysis and Security for Physical Infrastructure

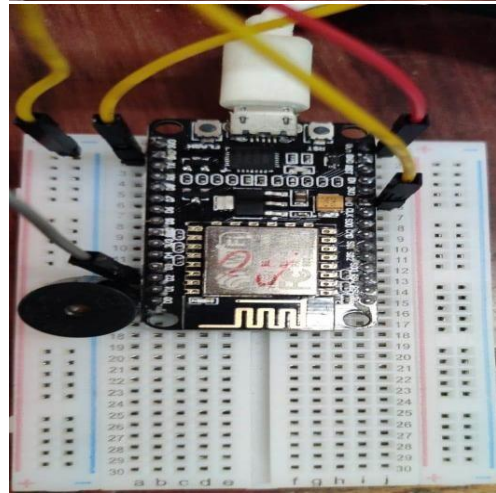
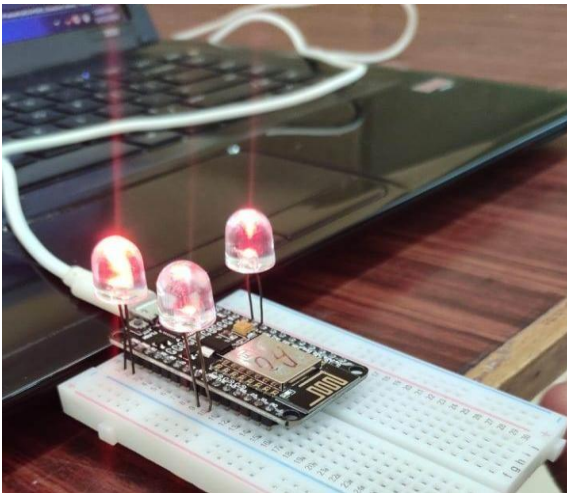
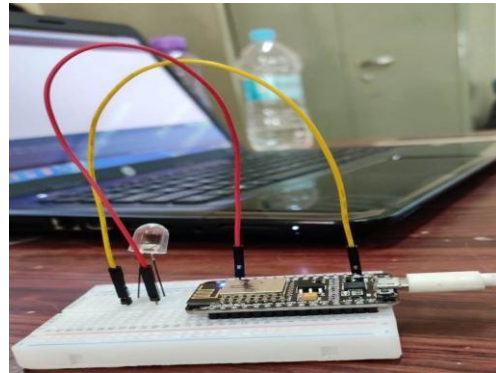


4. **Mr. K. Lucas Reddy and Mrs. Rajee Koshy** from Department of B.Sc. Computer Systems and Engineering participated in an IoT (Internet of Things) workshop conducted by Vorton TechSolutions Pvt. Ltd and successfully completed Advanced Level on IoT Technology and its application at Loyola Academy, Hyderabad on 14th and 15th December 2019.

Purpose: To gain an understanding of Internet of Things and its Applications in real world situations

Report: The Department of Electronics and Communications Technology in collaboration with Vorton Tech Solutions Pvt Ltd conducted a two-day workshop on IoT. The resource person was Mr. Subin Philip. On Day 1, the speaker introduced us to the basics in electricity, the importance of IoT in real world and explained the various

components to build an IoT module. He explained the basic structure of IoT program and various components for IoT such as NodeMCU, Sensors, LEDs, and LDR. Functioning of bread board was explained. He demonstrated various experiments such as digital inputs, digital outputs, analog inputs and analog outputs. There was a demonstration on glowing LEDs continuously, switching them on and off. The experiments were conducted using Arduino interface. Programs were written in C language. We used various functions such as `digitalRead()` , `digitalWrite()`, `analogRead()` and `analogWrite()`. On Day 2, we were introduced to Monitoring and controlling using NodeMCU using Bylnk screen App and integrating it with IFTT App through which we can use Google assistant to control various devices. We have experimented the switching of light on and off through Google assistant. Using Bylnk screen also, we were shown a demonstration and experimented for digital inputs and digital outputs by pressing a button, or measuring the temperature using DHT or for getting analog inputs and outputs.





Mrs. Rajee Koshy and Mrs. V. Shirisha attending a 2 day workshop on IoT organized by Electronics and Communications Technology, Loyola Academy

Review: The two day workshop was very resourceful and Mr. Subin had explained everything in detail. We had experimented from glowing single, multiple LED to ringing the buzzer, learnt the connections on the NodeMCU bread board, and experimenting on analog input and outputs, and sensors. Internet of things is not just learning through electronics, we learnt the programming logic behind and to build an IoT, a team comprising electronics, computer science, agriculture, mechanical and many more collectively should work.

5. **Mrs. T. Ramya** participated in International workshop on “**Advances in Cloud Computing**” held under TEQIP-III during 27-31 December 2019 at Dept. of CSE, UCE (A), OU, and Hyderabad in association with VSSUT, Burla, Odisha.

Purpose: To get awareness on cloud computing, models and how security is implemented through block chain.

Report: The Department of **Computer Science and Engineering**, University College of Engineering, **Osmania University, Hyderabad** organized an **International Workshop on Advances in Cloud Computing** under **TEQIP-II**, in association with **VSSUT, Burla, Odisha** from **27-31 December 2019**.

The program was inaugurated with a Keynote session by Prof.S.Ramachandram highlighting the importance of Virtualization. The resource persons were **Tanmay Biswas** System Engineer **VMware** ,Software India Pvt. LTD, **Prof.Chandra Kambhamettu Director (VIMS Lab)**, University of Delaware, USA, **Mr.RaviChamarthy**, Software Architect India Software Lab, **IBM**, Hyderabad, **Srinath Reddy, DSP of Hyderabad**, **Ms. Shalmali Ayachit, (IIT Hyd) Sr. Consultant, Talent Sprint**. A Wide range of topics such as **3D representation** and analysis for **Big Data: Application to Robotic TeleSurgery, IoT Security, Cyber Threats / Attacks**, Challenges in Design & Optimization of Cloud Data Centers, **Block chain** & its challenges in adoption where thought with their relevant demos.



Mrs. T.Ramya attended a 5 day workshop on Advances in Cloud Computing

Review: This workshop enabled us to learn the implementation of cloud, optimization of data centers and challenges in block chain.

- 6 Mr. T. Vishwanath gave a guest lecture on “Cyber Security Awareness” at Delhi Public School, Hyderabad.**



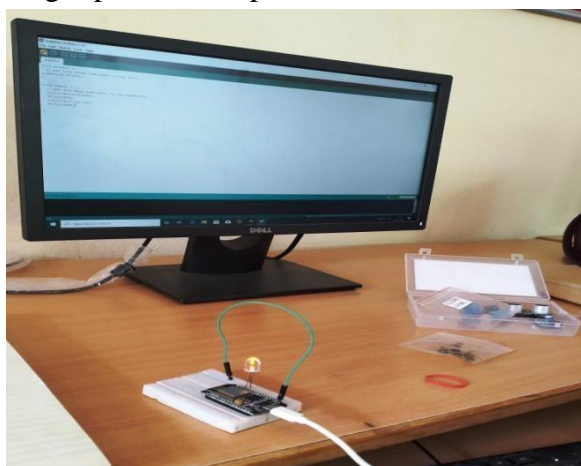
Mr. T.Viswanath, interacting with students at DPS.

- 7 Ms. N. Nageshwari from Dept. Of Computer Systems and Engineering participated in the one-day faculty development programme on **Research Skill Development, organized by Little Flower Degree College, Uppal** held on 13th December 2019.**
- 8 Dr. V. Harsha Shastri (2020)** published a paper titled “Security Issues and Comparative study on Cryptographic Algorithms in MANET” in Our Heritage Journal, UGC Care Approved Indexed and Referred Journal, in Volume 22 Issue 1, January 2020 with ISSN: 0474-9030.
- 9 Mr.K.Lucas Reddy, Dr. V. Harsha an Mrs. T.Ramya attended a one day workshop on Research Methodology at Loyola Academy on 28th January 2020.**

10. Dr. V. Harsha Shastri and Mrs. T.Ramya from Department of B.Sc. Computer Systems and Engineering participated in an IoT (Internet of Things) workshop conducted by Vorton Tech Solutions Pvt. Ltd and successfully completed Advanced Level on IoT Technology and its application at Loyola Academy, Hyderabad on 6th and 7th February 2020.

Purpose: To gain an understanding of Internet of Things and its Applications in real world situations

Report: The Department of Electronics and Communications Technology in collaboration with Vorton Tech Solutions Pvt Ltd conducted a two-day workshop on IoT. The resource person was Mr. Subin Philip. On Day 1, the speaker introduced us to the basics in electricity, the importance of IoT in real world and explained the various components to build an IoT module. He explained the basic structure of IoT program and various components for IoT such as NodeMCU, Sensors, LEDs, and LDR. Functioning of bread board was explained. He demonstrated various experiments such as digital inputs, digital outputs, analog inputs and analog outputs. There was a demonstration on glowing LEDs continuously, switching them on and off. The experiments were conducted using Arduino interface. Programs were written in C language. We used various functions such as `digitalRead()` , `digitalWrite()`, `analogRead()` and `analogWrite()`. On Day 2, we were introduced to Monitoring and controlling using NodeMCU using Bylnk screen App and integrating it with IFTT App through which we can use Google assistant to control various devices. We have experimented the switching of light on and off through Google assistant. Using Bylnk screen also, we were shown a demonstration and experimented for digital inputs and digital outputs by pressing a button, or measuring the temperature using DHT or for getting analog inputs and outputs.



11. Mr.K.Lucas Reddy, Dr.V.Harsha Shastri, Mrs.T.Ramya, Mr.T.Vishwanath, Mrs.Rajee Koshy and Ms. Nageshwari participated in two-day faculty development programme on MOODLE organized by Department of MCA on 14th and 15th February 2020.

Purpose: To get awareness on online assessment of students.

Report: The Department of MCA organized a two-day workshop on MOODLE. The speaker for the session was Mr. Raman from Little Flower Degree College, Uppal. He had explained the interface of MOODLE and gave us a brief introduction on Modular Object Oriented dynamic learning environment which was developed using PHP, XAMPP server and MySQL for database and Apache Httpd. Through MOODLE, we have three roles: Admin, Student and Teacher. The admin can create courses, give description, and set the duration of the courses. It can support writing in telugu language also. He explained how to set the banner by downloading the banners related to MOODLE and setting it up. We were explained how to create teacher role and student roles. We were explained on how assignments could be set up and sent to students. The student through his login can know the assignment and submit it. The teacher can login and check all the assignments, evaluate it and send marks to the student. There were other components that could be set up namely quiz and so-on. Even students can submit scanned images of their assignment and sent to teacher in case of Telugu language where assignments have to be given in telugu. Students could submit their assignment online or attach a document.

Review: MOODLE was a tool that automates the internal assessment of the student. It was like NPTEL/Swayam portal. It was a great learning for all of us to introduce us to this kind of assessment.



Staff of Computer Systems and Engineering department attended a 2 day workshop on MOODLE

12. **Mrs. T. Ramya and Mrs. V. Shirisha attended a one-day workshop on “Data Analytics using R-Programming” organized by Bhavan’s Vivekananda College of Arts, Science and Humanities on 15th February 2020.**

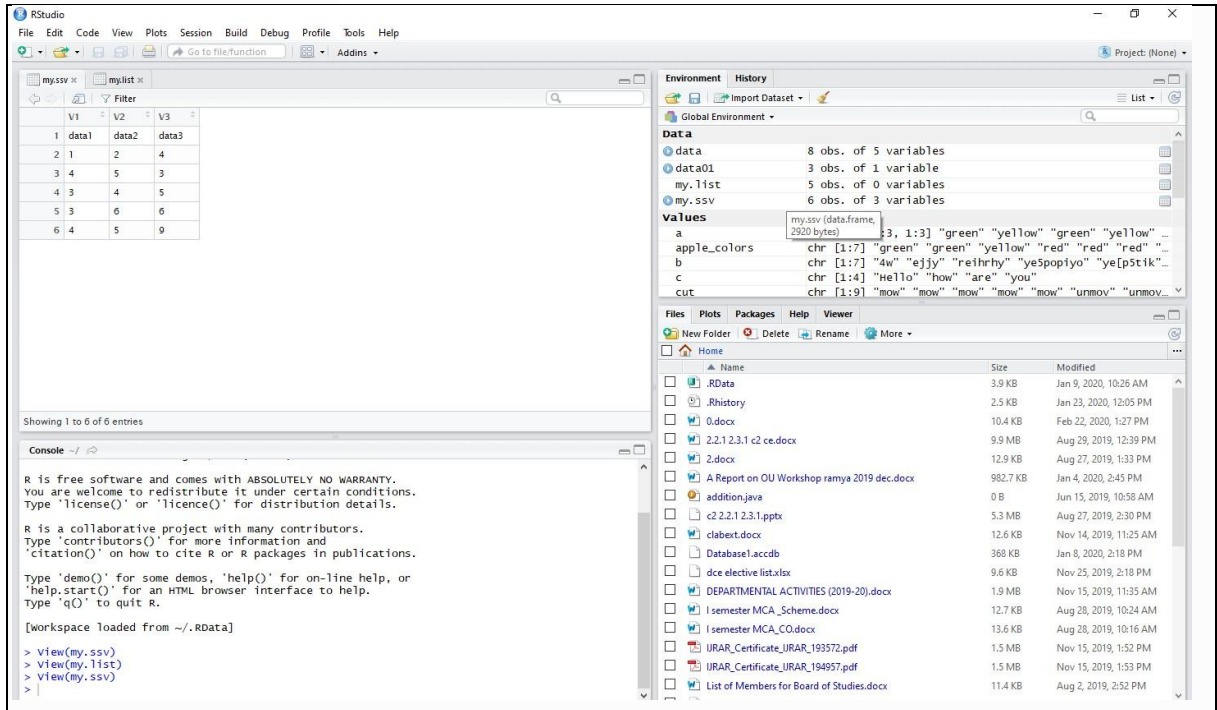
REPORT

The FDP was organized in session wise

Session 1: TOPIC– Introduction to R Programming

Mr.Srikanth a Data Scientist from the industry addressed the session explaining the basics of R programming, open source licence and evolution of R in current days. The

session was interactive with hands-on where we learnt about basic calculations using R, data types and data structures using R, Vector representations and manipulation. Picture of Hands-on Lab :

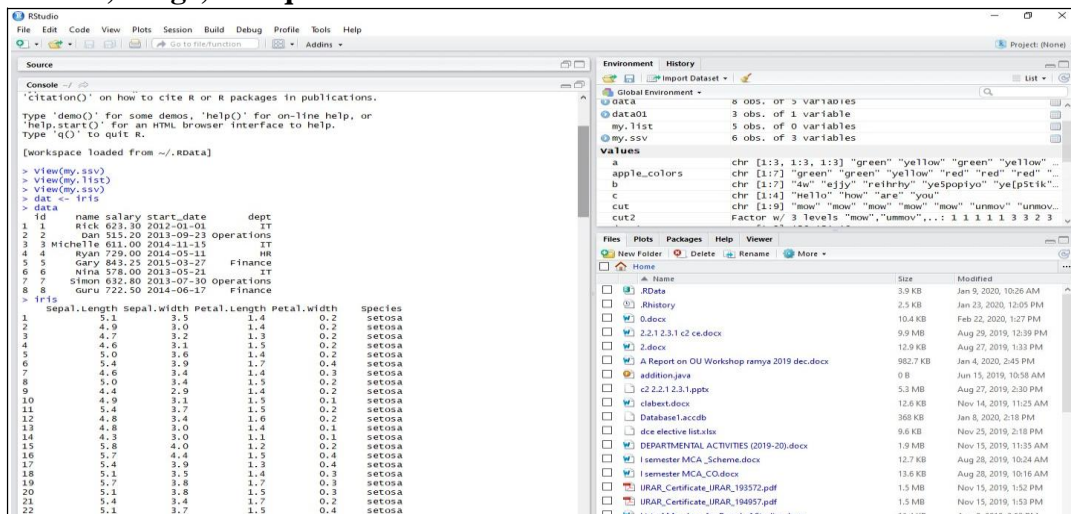


Glimpse of the FDP programme at Bhavans' Vivekananda College

Session 2: TOPIC– Descriptive Statistics, Graphical Representation and Regression

Mrs.Rajini took up the session, R provides a wide range of functions for obtaining summary statistics. One method of obtaining descriptive statistics is to use the **sapply** function with a specified summary statistic.

We learnt how to import a data set and used in sapply include **mean, sd, var, min, max, median, range, and quartile.**



SPEAKERS

S No.	Name	Designation	Organization
1	Mr.Srikanth	Data Scientist	L&T pvt limited
2	Mrs.Rajini	Lecturer	Bhavans Vivekananda college

REVIEW: The one day session was interactive and with Hands-on which helped us understanding the concepts and the importance of R in Data Analytics working on real-time datasets.



Mrs. T.Ramya attended a one-day workshop on Data Analytics using R-Programming

13. Mrs. T. Ramya, Mrs. Kavitha and Mrs. Shirisha participated in a one-day National workshop on “Block Chain and e-Sign” organized by C-DAC in association with Block Chain District, ITE and C Department, Govt. of Telangana at Hyderabad on 26th February 2020 at Hotel Plaza, Begumpet

PURPOSE: To become aware on “BlockChain & E-sign” on 26th February 2020

REPORT: The FDP was organized in the following schedule day wise

Session 1: TOPIC– Introduction To BlockChain Technology, Benefits and Use cases & Live Demonstration

Mr.Ravi kishore and Mrs.Shireesha took up the session , Blockchain can be described as a data structure that holds transactional records and while ensuring security, transparency, and decentralization. You can also think of it as a chain or records stored in the forms of blocks which are controlled by no single authority. A blockchain is a distributed ledger that is completely open to any and everyone on the network. Once an information is stored on a blockchain, it is extremely difficult to change or alter it.

Each transaction on a blockchain is secured with a digital signature that proves its authenticity. Due to the use of encryption and digital signatures, the data stored on the blockchain is tamper-proof and cannot be changed.

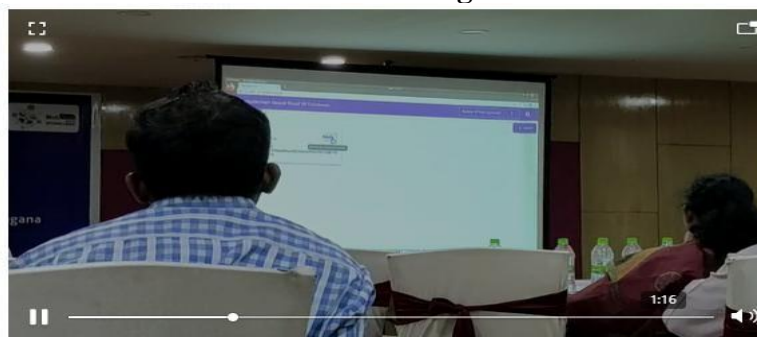
Blockchain technology allows all the network participants to reach an agreement, commonly known as consensus. All the data stored on a blockchain is recorded digitally and has a common history which is available for all the network participants. This way, the chances of any fraudulent activity or duplication of transactions is eliminated without the need of a third-party.



Mrs. Rama Devi addressing the gathering



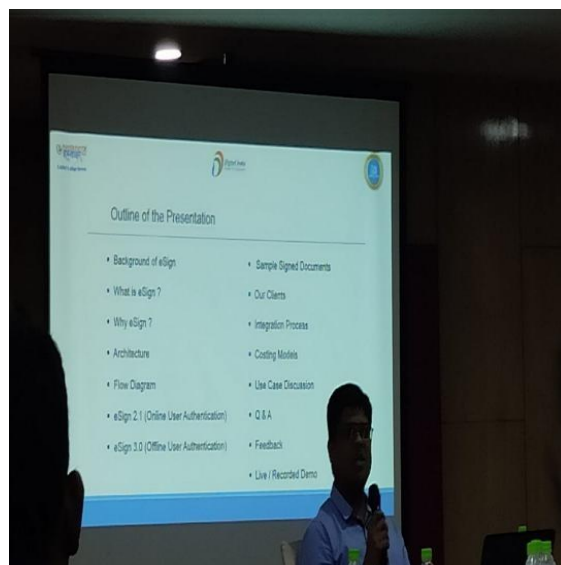
Mr. Ravi Kishore addressing on Block Chain



Live demonstration by Mrs. Shireesha

Session 2: TOPIC– e-Hastakshar, e-sign versions, benefits, Use cases & Live Demonstration

Mr.Vivek took up the session , An eSignature is any sound, symbol, or process, attached to or logically associated with a contract or other record and executed or adopted by a person with the intent to sign the record.” If that definition sounds vague or unclear, don’t worry. That’s sort of the idea; it is, after all, “legal-ese”. In plain English, however, the above definition simply “states” an eSignature as a legal concept. That is, its legal definition simply means that it is possible for an eSignature to carry the same sort of legal “weight” as its pen-and-paper equivalent. **Introduction by Mr.Jayesh Ranjan and E-sign by Mr.Vivek**



Mr. Jayesh Rajan addressing the gathering followed by Mr. Vivek introduced on e-Sign

SPEAKERS

S No.	Name	Designation	Place of Work
1	Mr.Rama Devi	Officer on special duty	ITE&c Dept,Govt of India
2	Mr.Ravi kishore	Principal Technical officer	C-DAC,Hyderabad
3	Mrs.Sireesha	Principal Technical officer	C-DAC,Hyderabad
4	Shri. Jayesh Ranjan	IAS , Principal Secretary to Govt of Telangana	I&c Department of IT , Telangana
5	Mr.Vivek	Joint Director	C-DAC, Pune

REVIEW: The one day session was interactive and with Live demonstrations which helped us understanding the concepts and the importance of block chain and e-sign well and even helped us to think on ways to implement in our domain.

14. Dr. V. Harsha Shastri, Mrs. T.Ramya, Mr. K.Lucas Reddy and Mr. T. Vishwanath participated in a 2-day workshop on “Cyber Security and Ethical Hacking” organized by Dept. of Computer Systems & Engineering and Dept. of CSE on 6th and 7th March 2020.
15. Dr. V. Harsha Shastri and Mrs. T. Ramya successfully completed and qualified the exam of three-days **online Research Methodology Workshop** from 12th April to 14th April 2020 organized by REST Society for RSRI, TamilNadu.
16. Dr. V.Harsha Shastri and Mrs. T.Ramya participated in Online National level FDP titled “**Creation of Webinars During COVID-19 Pandemic**” organized by Dept. of Computer Science, Little Flower Degree College on 14th April 2020.
17. Dr. V. Harsha Shastri successfully completed and qualified the exam of three-days **online Research Methodology Workshop** from 18th April to 20th April 2020 organized by REST Society for RSRI, TamilNadu.
18. Dr. V. Harsha Shastri successfully completed and qualified the exam of three-days **online Multi-Criteria Decision Making Workshop** from 23rd April to 25th April 2020 organized by REST Society for RSRI, TamilNadu

19. Dr. V. Harsha Shastri successfully completed and qualified the exam of three-days **online Basic Online Research Method Workshop** from 28th April to 30th April 2020 organized by REST Society for RSRI, TamilNadu
20. Dr. V. Harsha Shastri participated in two-days online workshop on “**Fuzzy Logic and Neural Network Approaches for Engineering Solutions**” organized by Journal of Advanced Engineering Research and Powered by hexacube on 29th and 30th April 2020.

Placement Details (2019-20)

SNO	UID NO	NAME	COMPANY	Salary Details
1	111716016010	Anthony Romario	Cognizant	2.52 lacs
2	111717016001	B.S Raja Rajeshwari	Resolute B2B	1.2 lacs
3	111717016003	Chandana	Cognizant	2.52 lacs
4	111717016004	G.Shivani	Resolute B2B	1.2 lacs
5	111717016006	P.Hepsiba	IBM	3.5 lacs
6	111717016008	K. SiriVennala Lakshmi	GenPact	1.51 lacs
7	111717016010	SrihithyaPammidi	Cognizant	2.52 lacs
8	111717016012	T.S.Sirisha	IBM	3 lacs
9	111717016020	Dhiraj Reddy Chintalcheruvu	Cognizant	2.52lacs
10	111717016024	Gollepalliakhil	Cognizant	2.5 lacs
11	111717016025	Gopu Sravan Kumar	Genpact	1.53 lacs
12	111717016027	K. Gowtham Reddy	Cognizant	2.52lacs
13	111717016028	K. Rahul Kumar	Amazon	2.5lacs
14	111717016031	Sunil Jackson	TCS	1.62 lacs
15	111717016032	George Jaisal	Telebu	2.70 lacs
16	111717016034	Maheshwaram Prudhvi	Wipro	1.8 lacs
17	111717016035	Rajala Sumanth	AIR WORLDWIDE	3.6 lacs
18	111717016038	V. Shravan Kumar	Medversity	3 lacs
19	111717016048	P. Shivani	Cognizant	2.52 lacs

Higher Studies

SNO	UID NO	NAME	Programme	College/University
1	111716016014	Aditya Rao	M.Sc.(IT)	Jain University
2	111717016018	Yashwanth	PGDM	IPE,OU