

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Review (2017-18)

By

Dr. Sandeep Kumar Satapathy

Assoc. Prof. & HoD

AGENDA

- **PART-A:Regular Activities during A.Y 2017-18**
 - Statistics of Department
 - Quality Assessment of Each Activity
 - Difficulties faced during execution
- **PART-B:New Initiatives taken in A.Y 2017-18**
 - Quality Assessment
 - Feedback
- **PART-C: Planning of Next A.Y 2018-19**
 - New Requirements and budget
 - Targets for Activities
 - New Initiatives

Department Vision & Mission

Vision :

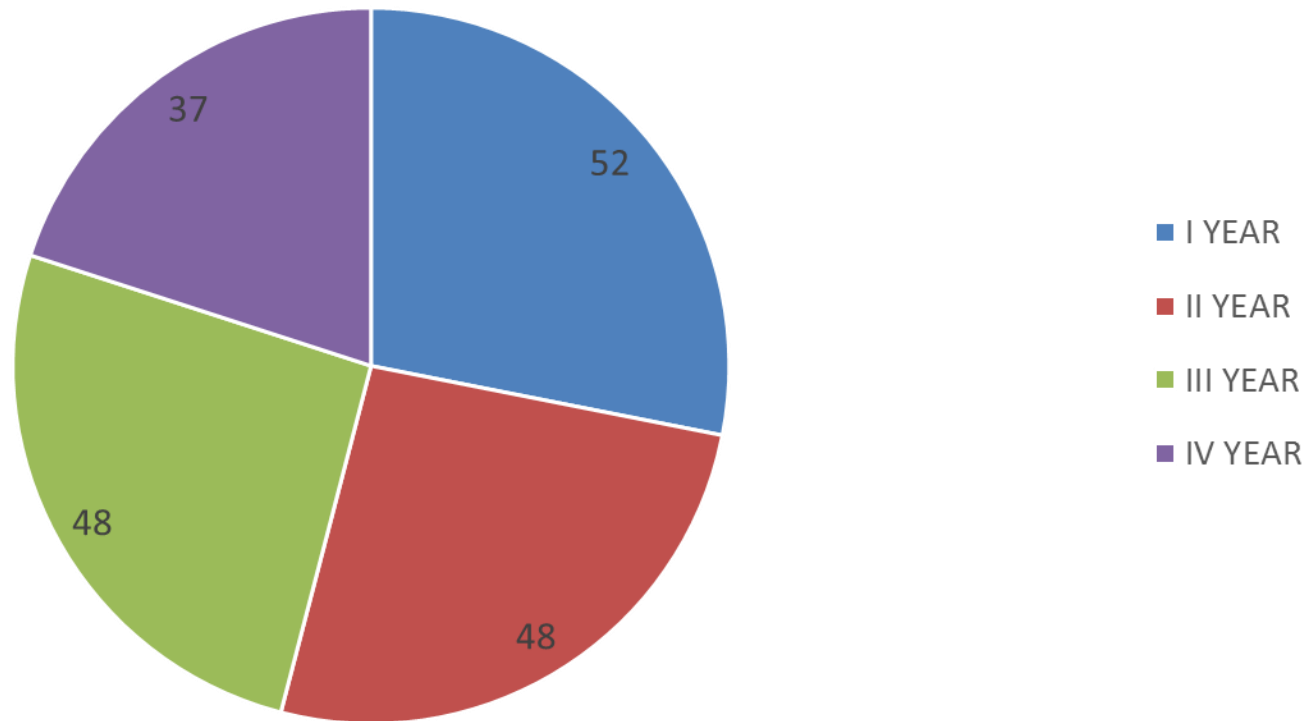
- ✓ To produce technical manpower of global standard who shall contribute towards the advancement of next generation engineering, science and technology and possess the capabilities of accepting new challenges in Information Technology.

Mission :

- ✓ To impart state of the art value based engineering education with relevant theoretical and practical basis and make them **industry ready**.
- ✓ To provide all possible support to promote **research and development** of international quality.
- ✓ To promote awareness on **entrepreneurship** among the students.
- ✓ To encourage the students to imbibe the concept of **corporate social responsibility**.

Part-A (Statistical Data of the Department)

Student Strength: 60 intake (52 + 48 + 48 + 37)

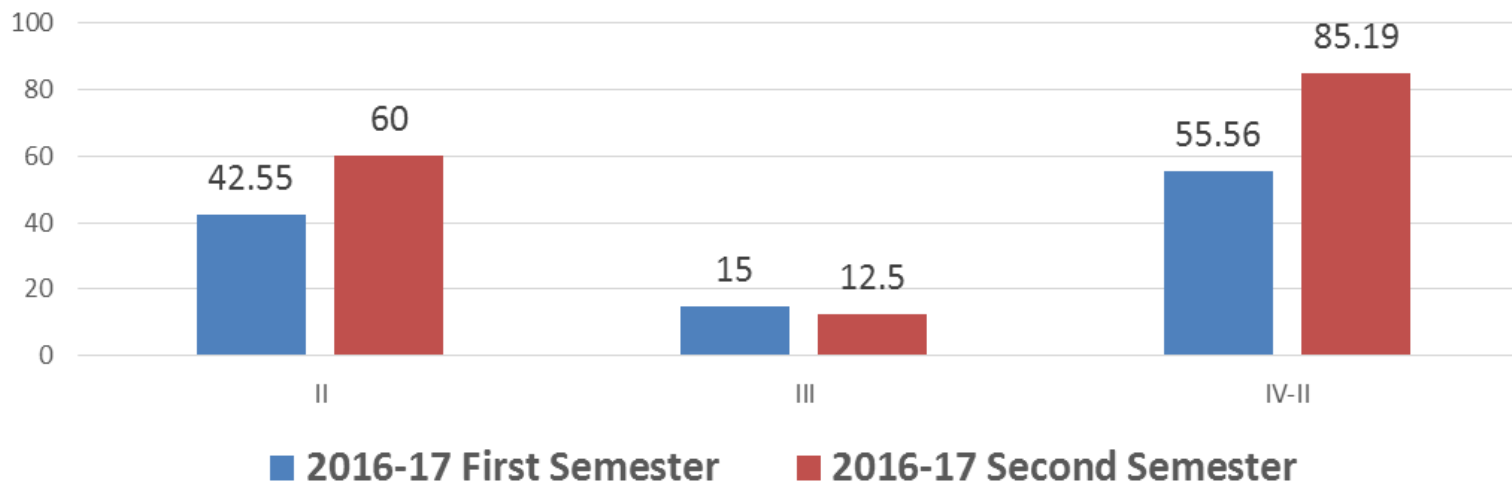


Result Analysis

2016-17 First Semester	
Year	Pass Percentage(%)
II-I	42.55
III-I	15.00
IV-I	55.56

2016-17 Second Semester	
Year	Pass Percentage(%)
II-I	60.00
III-I	12.50
IV-I	85.19

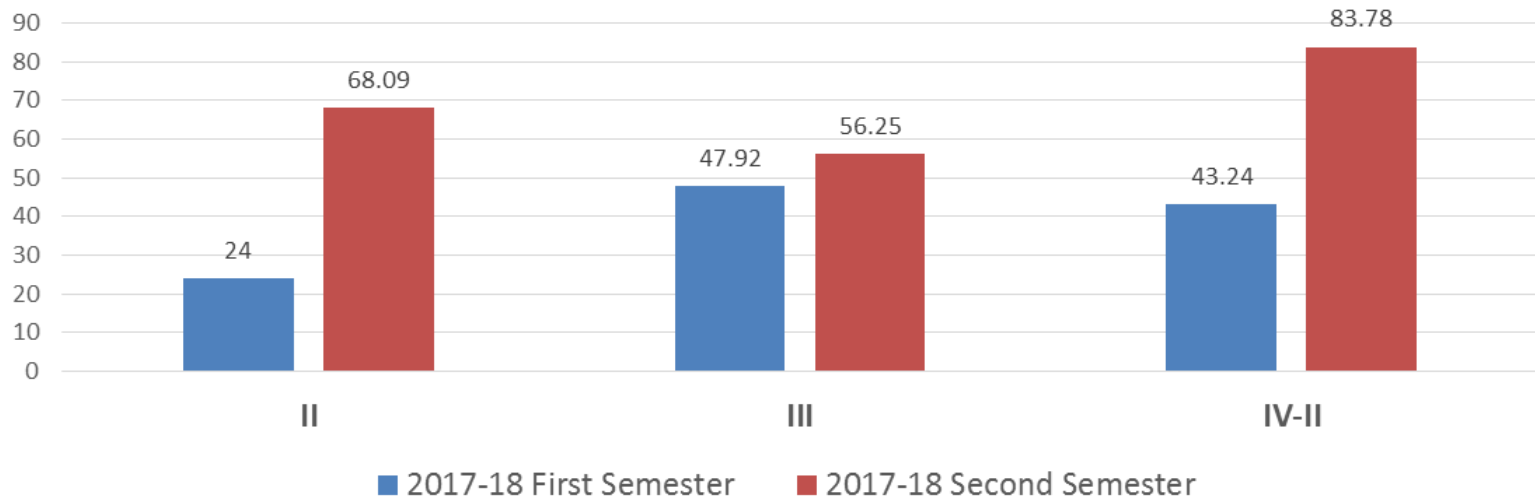
Comparison of Result Analysis



2017-18 First Semester	
Year	Pass Percentage(%)
II-II	24.00
III-II	47.92
IV-II	43.24

2017-18 Second Semester	
Year	Pass Percentage(%)
II-II	68.09
III-II	56.25
IV-II	83.78

Comparison of Result Analysis



2017-18 I and II Year Semester-I

Year	Subject Name	Faculty Name	No. of Students Passed/Appeared	Pass %
II-I	M-IV	Mr. B. Ramesh	27/46	59
	DS	Ms. N. Indira Priyadarsini	32/46	70
	DLD	Ms. S.Meghana	11/46	24
	JAVA	Mr. M. Venkateswara Rao	32/46	70
	ES	Ms. Hemalatha	46/46	100
	IT WORKSHOP	Ms. B. Manga	45/46	98
	MFCS	Mr. Sudhakar Reddy	41/46	89
III-I	LP	Mr. P. Praveen	26/48	75
	CN	Mr. V. Sridhar Reddy	26/48	75
	OS	Ms. B. Manjulatha	44/48	92
	ACD	Ms. S. Meghana	28/48	58
	MEFA	Mr. K. Bhikshapathy	25/48	73
	SE	Dr. Malathy	43/48	90

2017-18 IV Year Semester-I

Subject Name	Faculty Name	No. of Students Passed/Appeared	Pass %
BIGDATA (AA-2)	Dr. K.Srinivasa Rao	27/31	87
DP	Ms. B.Manjulatha	27/37	73
CG	Ms. N.Indira Priyadarshini	32/37	86
IRS	Ms. Y. Srividya	30/37	81
IS	Ms. K.Soumya	23/37	62
ISAA(SA-2)	Ms. V. Ambica	6/6	100
MAD	Ms. S. Bhagya Rekha	26/37	71

2017-18 I and II Year Semester-II

Year	Subject Name	Faculty Name	No. of Students Passed/Appeared	Pass %
II-II	DBMS	Ms. N. Indira Priyadarshini	19/47	40
	OS	Ms. K.Soumya	30/47	64
	FLAT	Ms. S. Meghana/Dr. Raju Dara	26/47	55
	CO	Mr. K. V. Subba Rao/Dr. Swamy	27/47	57
	BEFA	Ms. Ramya Sri	22/47	53
III-II	WT	Dr. Sandeep Kumar Satapathy	39/48	81
	OOAD	Ms. S. Bhagya Rekha	42/48	88
	DWDM	Ms. P. Swetha	43/48	90
	STM	Ms. B. Manga	31/48	65
	CC	Mr. V. Sidhar Reddy	38/48	79
	AA1	Ms. Y. Srividya	13/15	88
	SA1	Ms. B. Manjulatha	25/33	74

2017-18 IV Year Semester - II

Subject Name	Faculty Name	No. of Students Passed/Appeared	Pass %
MS	Satish Meher	36/37	97
SA3	V. Ambica	5/6	83
AA3	Y.Srividya	27/31	87
MRIA	S.Bhagya Rekha	34/37	92

Analysis of Results

Year	Subject	No. of Students Passed/Appeared	Pass %	Possible Reason
II-I	DLD	11/46	24	Evaluation may not have done properly
II-II	DBMS	19/47	40	Evaluation may not have done properly

Status of Syllabus Completion(2017-18 II Sem)

Year	Subject Name	Faculty Name	No. of sessions planned	No of Sessions Taken
II-II	DBMS	Ms. N. Indira Priyadarshini	65	66
	OS	Ms. K. Soumya	65	67
	FLAT	Ms. S. Meghana	63	60
	CO	Mr. K. V. Subba Rao	60	55
	BEFA	Ms. Ramya Sri	60	55
III-II	WT	Dr. Sandeep Kumar Satapathy	68	65
	OOAD	Ms. S. Bhagya Rekha	60	55
	DWDM	Ms. P. Swetha	60	58
	STM	Ms. B. Manga	65	60
	CC	Mr. V. Sidhar Reddy	65	62
	AA1/SA1	Ms. Y. Srividya / Ms. B. Manjulatha	60 65	53 60
IV-II	MS	Mr. Satish Meher	55	50
	SA3	Ms. V. Ambica	60	57
	AA3	Ms. Y. Srividya	60	53
	MRIA	Ms. S. Bhagya Rekha	60	55

Summary of Tutorials, Assignments (2017-18 Sem- I & Sem- II)

YEAR	SUBJECT		TUTOTIALS CONDUCTED		ASSIGNMENTS CONDUCTED	
	I Sem	II Sem				
II	DS	DBMS	5	5	5	5
	MFCs	OS	5	5	5	5
	DLD	FLAT	5	5	5	5
	JAVA	CO	5	5	5	5
	ES	BEFA	5	5	5	5
III	CN	WT	5	5	5	5
	LP	OOAD	5	5	5	5
	OS	DWDM	5	5	5	5
	ACD	STM	5	5	5	5
	MEFA	CC	5	5	5	5
	SE	AA1/SA1	5	5	5	5
IV	IS	MRIA	5	5	5	5
	DP	MS	5	5	5	5
	MAD	AA3/SA3	5	5	5	5
	IRS		5		5	
	AA/SA		5		5	
	CG		5		5	

Summary of Seminars (2017-18 Sem-I & Sem - II)

Year	No. of students	Presented	Not presented
II-I	47	47	Nil
III-I	47	46	1
II-II	50	49	1

Department Meetings

SL NO	SEMESTER	NO. OF MEETINGS HELD
1	I	7
2	II	5

Department Meetings (SEM I)

S. No	Date of Meeting held	Agenda of the meeting
1	20-6-17	<ol style="list-style-type: none">1. Subject Allotment2. Academic Plan Presentation3. Time Table Preparation4. Evaluation of Assignments and Tutorials5. Faculties Are Given With Responsibilities
2	1-7-17	<ol style="list-style-type: none">1. Instructions to the Faculty Members about Class Work2. Identification of Notorious Students3. Leave Policy
3	15-7-17	<ol style="list-style-type: none">1. Subject Allocation2. Mentoring3. Classwork4. DAC Meeting5. Academic growth of individual faculty6. CISCO Integration courses7. Any Other
4	2-8-17	<ol style="list-style-type: none">1. Syllabus Review2. Project Status3. Review of seminars4. Motivation for the faculty to write publications

Contd..

S. No	Date of Meeting held	Agenda of the meeting
5	24-8-17	<ol style="list-style-type: none">1.Attendance registers updation2. Guest Lectures and Workshops To Be Organized.3. Faculty Should Attend Workshops And Conferences.4. Faculty Presentations on Research Topics (Latest) In the Department.5. Faculty To Implement R&D Projects6. Faculty to Publish At least One Research Paper per Semester.7.Result Analysis8.Class Adjustments9.Floor Incharges
6	01-09-17	<ol style="list-style-type: none">1. Miniprojects2. Syllabus Progress3. R&D Activities4. Seminars5. Assignments and Tutorials6. Mentoring7. Any Other
7	16-9-17	<ol style="list-style-type: none">1.NBA2.Course Files

Department Meetings(SEM II)

S. No	Date of Meeting held	Agenda of the Meeting
1	6-12-17	<ol style="list-style-type: none">1. Faculty Presentations2. Major Projects3. Class work4. Any other matter
2	07-12-17	<ol style="list-style-type: none">1. Mentoring2. Tutorials & Assignments3. Upcoming Events4. Any Other Matter5. Initiatives taken by HOD of IT
3	6/2/18	<ol style="list-style-type: none">1. Syllabus Coverage2. Mentoring3. Tutorials & Assignments4. Preparation of mid papers5. Main project status6. R&D7. Jntu Inspection

Contd..

S. No	Date of Meeting held	Agenda of the Meeting
4	24/2/18	<ol style="list-style-type: none">1. Syllabus Progress2. Workshop on big data and security3. Major Projects4. Any Other5. Tutorials & Assignments6. Cancellation of CRT classes
5	17/3/18	<ol style="list-style-type: none">1. NAAC Inspection2. Responsibilities given to faculties for NAAC3. Course file Submission

Projects 2017-18

Motivate the students:

- ✓ To frame the idea.
- ✓ To implement it as project.
- ✓ To design a complete product.
- ✓ To make it as publication.

Projects 2017-18

Major Projects			Mini Projects
S. No	Type of Project	Number of Projects	Number of Projects
1	Inhouse	13	16
2	Industry	Nil	Nil

Note:

- ✓ Major Projects: 13
- ✓ Best Projects for Aakar-2017 :5
- ✓ Awarded: 2

Projects Details

S.No.	Project Title	Type of Project	Guide Name
1	Chronic Kidney Disease Detection using Machine Learning based classification techniques	Inhouse	Dr. Sandeep kumar Satapathy
2	Cybernetic Protectors	Inhouse	Mr. M. Venkateswara Rao
3	Mobile Assistance for the LAW Regulation	Inhouse	Mr. V. Sridhar Reddy
4	Fraud Detection in E-Commerce	Inhouse	Ms. Y. Srividya
5	Children Safety device with GPS tracking and alerts	Inhouse	Ms. N. Indira Priyadarshini
6	Cyber bullying Detection based on semantic- Enhanced Marginalized Denoising Auto-encoder	Inhouse	Ms. S. Bhagya Rekha
7	Digi Care -An Application to improve health care system	Inhouse	Ms. P. Swetha

Contd..

8	CDA Generation and Integration for Health Information Exchange Based on Cloud computing System	Inhouse	Ms. S. Meghana
9	Smart General Library	Inhouse	Ms. K. Soumya
10	Analysis of users behaviour in e-commerce webcites	Inhouse	Ms. B. Manga
11	Two-level QR code for private message sharing and document authentication.	Inhouse	Ms. B. Manjulatha Reddy
12	Cracking security systems by using various cyber security tools	Inhouse	Ms. V. Ambica
	Privacy protection based access control sheme in cloud-based services		

Weekly Projects Status Evaluation

Project Progress Report

(Weekly progress report for final year B.Tech project laboratory)

Project Title:

Team Code:

Name of the Supervisor:

Stream:

Project Member 1:

Project Member 2:

Project Member 3:

Project Member 4:



VIGNANA BHARATHI
Institute of Technology

DEPARTMENT OF INFORMATION TECHNOLOGY
Vignana Bharathi Institute of Technology
Aushapur Village, Ghatkesar Mandal, Ranga Reddy District – 501301

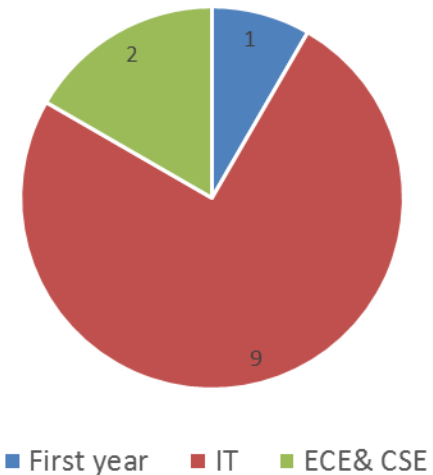
Weekly Projects Status Evaluation

<u>Weekly Project Evaluation</u>	
Week No:	Date:
Task:	
Brief Description of Task:	
Remarks of Supervisor:	
Remarks of evaluating Team:	

Faculty Strength (Sem-I)

- ✓ Total strength: 12
 - ✓ 1 - Associate Professor & HOD
 - ✓ 2 - Associate Professor
 - ✓ 9 -Assistant Professor
- ✓ Workload Distribution

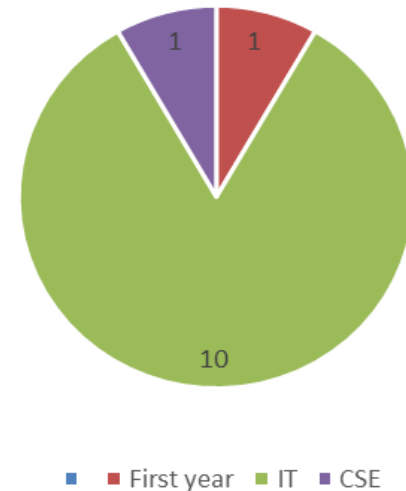
Faculty handled sessions(2017-18) (Sem-I)			
Total Faculty	First year	IT	CSE
12	1	9	2



Faculty Strength (Sem-II)

- ✓ Total strength: 12
 - ✓ 1 - Associate Professor & HOD
 - ✓ 2 - Associate Professor
 - ✓ 9 -Assistant Professor
- ✓ Workload Distribution

Faculty handled sessions(2016-17)(sem-II)			
Total Faculty	First year	IT	CSE
12	1	10	1



Faculty Contribution (Central level)

S.No.	Name of Faculty	Role
1	Mr. M. VenkateswaraRao	IEEE VBIT-SB Branch Counselor
2	Mr. V. Sridhar Reddy	Academics Coordinator
3	Ms. Y. Srividya	Assistant TPO
4	Ms. N. Indira Priyadarsini	IEEE VBIT-SB Faculty Coordinator(Computer Society)
5	Ms. B. Manjulatha	CISCO Faculty Coordinator

List of Faculty Coordinators (2017-18)

Academics	Mr. M.Venkateswara Rao
E Cap	Ms. N. Indira Priyadarshini
R & D	Ms. S. Bhagya Rekha
Time Table	Ms. K. Soumya
Examination	Ms. S. Meghana
T & P	Ms. Y. Srividya
Attendance & Mentoring	Ms. V. Ambica
Tutorials & Assignments	Ms. S. Meghana
Seminar-over all coordinator	Ms. S. Meghana
Projects	Ms. S. Bhagya Rekha
Branch Association	Ms. V. Ambica
Student participation in extra curricular activities and competitive exams	Ms. K. Soumya
Library	Ms. K. Sowmya
Feed back	Ms. V. Ambica

Faculty Publications

S No.	Name of the Faculty	No. of Publications
1	Dr. Sandeep Kumar Satapathy	7
2	Mr. M. Venkateswar Rao	5
3	Mr. V. Sridhar Reddy	2
4	Ms. S. Bhagya Rekha	1

Faculty Publications

FACULTY NAME	SL. NO.	TITLE
Dr. Sandeep Kumar Satapathy	1	Weighted majority voting based ensemble of classifiers using different machine learning techniques for classification of EEG signal to detect epileptic seizure, Informatica, 41, pp. 99-110, 2017 (Indexed in ESCI, Scopus)
	2	ABC optimized RBF network for classification of EEG signal for epileptic seizure identification, Egyptian Informatics Journal, 18(1), pp. 55-66, 2017 (Indexed in Scopus) (Elsevier Publication)
	3	An empirical analysis of different machine learning techniques for classification of EEG signal to detect epileptic seizure, International Journal of Applied Engineering Research, Volume 11, Number 1, pp 120-129, 2017 (Indexed in Scopus)
	4	EEG signal classification using PSO trained RBF neural network for epilepsy identification, Informatics in Medicine Unlocked, 6, pp. 1-11, 2017. (Indexed in Scopus) (Elsevier Publication)
	5	Integration & Visualization of Gene Selection and Gene Regulatory Network for Cancer Genome, Elsevier Publication , 1st Eds, ISBN- 9780128163566, May, 2018. [Book Publication]
	6	SMOTE and ABC optimised RBF network for coping with imbalanced class in EEG signal classification, International Journal of Medical Engineering and Informatics, Inderscience Publishers. July 2018 (Indexed in Scopus)
	7	ADASYN and ABC Optimized RBF Network for EEG Signal Classification", International Journal of Electrical Engineering Education, 2018. [Accepted][Scopus and SCI-E Indexing]

Faculty Publications Contd...

FACULTY NAME	SL. NO.	TITLE
Mr. M. Venkateswar Rao	1	Methodical Activity Recognition and Monitoring of a Person through Smart phone and wireless sensors. Presented a paper in International Conference on Power Control, signals and Instrumentation Engineering (ICPCSI-2017). On 21-22 September-2017. In Chennai, Thandalam.
	2	Expectation Displaying In Public Tagging Of Multimedia Content, IJR Volume 05 Issue 01 January 2018, p-ISSN: 2348-795X .
	3	Fine-Grained Two-Factor Access Control for Web-Based Cloud Computing Services, IJR Volume 05 Issue 01 January 2018, p-ISSN: 2348-795X.
	4	Provable Multicopy Dynamic Data Possession in Cloud Computing Systems, 2018 IJSRCSEIT Volume 3 , Issue 1 ,ISSN : 2456-3307.
	5	A Secure data packet transmission in wireless sensor network using HECC algorithm and Finding malicious packet, IJET.

Faculty Publications Contd...

FACULTY NAME	SL. NO.	TITLE
Mr. V. Sridhar Reddy	1	1. A Novel method in securing shared data in public cloud with user revocation, in IJMETMR ISSN 2348-4845.
	2	TMACS: A Robust and verifiable threshold multi authority access control system in public cloud storage IJERCSE Volume 5 issue 1 Jan 2018, ISSN 2394-2320.
Ms. S. Bhagya Rekha	1	“Methodical Activity Recognition and Monitoring of a Person through Smart phone and wireless sensors “Presented a paper in International Conference on Power" Control, signals and Instrumentation Engineering (ICPCSI-2017). On 21-22 September-2017. In Chennai, Thandalam.

Faculty Attended Workshops

S No.	Name of the Faculty	No. of Workshops Attended
1	Dr. Sandeep Kumar Satapathy	1
2	Mr. M.Venkateswara Rao	1
3	Mr. V.Sridhar Reddy	2
4	Mrs. Y.Srividya	1
5	Ms.N.Indira Priyadarsini	1
6	Mrs. P.Swetha	1
7	Mrs. S.BhagyaRekha	1
8	Ms. S.Meghana	1
9	Mrs. K.Soumya	3
10	Mrs. V.Ambica	3
11	Mrs. B.Manjulatha	1
TOTAL		16

Contd..

S.No	Name of the Faculty	Event Name	Date & Place
1	Dr. Sandeep Kumar Satapathy	FDP on “Geoinformatics System Development”	24th April. 2018 to 26th April, 2018, I2IT, Pune.
2	Mr. M. Venkateswara Rao	FDP on “Advanced wireless communications and Networks”	11 th to 16 th December 2017
3	Mr. V. Sridhar Reddy	FDP on” Advanced wireless communications and Networks”	11 th to 16 th December 2017 organized by E&ICT Academy ,NIT Warangal at VBIT
		FDP on “IBM BlueMix Cloud”	20 th to 23 rd December 2017 organized by TASK
4	Ms. Y. Srividya	FEP on “Best Practices on Python &RDBMS”	29 th Jan to 2 nd Feb 2018 conducted by Infosys in association with TASK at VBIT
5	Ms. N. Indirapriyadarsini	Salesforce	29 th & 30 th Nov 2017 organized by BVRIT

Contd..

S.No	Name of the Faculty	Event Name	Date & Place
6	Ms. P. Swetha	FDP on “Best Practices on Python & RDBMS”	29 th Jan to 2 nd Feb 2018 conducted by Infosys in association with TASK at VBIT
7	Ms. S. Bhagya Rekha	FDP on “Avenues for Technology & Research in IoT	11 th to 16 th December 2017 organized by MGIT
8	Ms. S. Meghana	FDP on “Python Programming”	10 th and 11 th of July 2017 Organized By Anurag College of Engineering
9	Ms. K. Soumya	FDP on “Python Programming”	10 th and 11 th of July 2017 Organized By Anurag College of Engineering
		FEP on “Best Practices on Python & RDBMS”	29 th Jan to 2 nd Feb 2018 conducted by Infosys in association with TASK at VBIT
		TEDx VBIT	17 th February 2018

Contd..

S.No	Name of the Faculty	Event Name	Date & Place
10	Ms. V. Ambica	Cloud Computing& It's Applications	11 th to 16 th December 2017 organized by E&ICT Academy ,NIT Warangal at GNIT
		FDP on "Python Programming"	10 th and 11 th of July 2017 Organized By Anurag College of Engineering
		TEDx VBIT	17 th February 2018
11	Ms. B. Manjulatha	TEDx VBIT	17 th February 2018

Year	No. of Workshops Attended
2016-17	19
2017-18	16

Faculty Delivered Guest Lectures Outside

S No.	Name of the Faculty	No. of Guest Lectures
1	Dr. Sandeep Kumar Satapathy	2
TOTAL		2

S.No	Name of the Faculty	Event Name	Date & Place
1	Dr. Sandeep Kumar Satapathy	Guest lecture on “ Machine Learning: Applications and Techniques ”	12 th to 13 th January 2018, Interscience Institute of Management and Technology, Bhubaneswar, Odisha.
		Guest lecture on “ Application and Analysis of EEG Brain Signal using Machine Learning Techniques ”	22 nd to 25 th January 2018, International Institute of Information Technology, Pune, Maharashtra.

OUTLINE OF RESEARCH AREA OF FACULTY

- ✓ **M.VenkateswaraRao** registered for Ph.D at K.L University, Guntur to work on the topic “Routing Optimization in Wireless Sensor Networks”.
- ✓ **V.Sridhar Reddy** registered for Ph.D at K.L University, Guntur to work on the topic “Outsourcing healthcare data to cloud with Personalized Privacy Preservation with cloud”.
- ✓ **P.Swetha** registered for Ph.D at JNTUH to work on the topic “Data Mining for IoT-Medical Devices”.

R&D and UGC Minor Research Projects

Two Minor Research Projects were sanctioned by UGC to the department.

- ✓ **Ms. S. BhagyaRekha:** “Study on smart call forwarding mechanisms in duos mobile” .
- ✓ **Ms. G. K. Karthika:** “Overview Of Two Servers Cryptographic Key Exchange Authentication Methods”

D Files

- ✓ D -files are organized in proper manner and updated periodically .

Department Activities

Event Name	Date	Participants	Speakers
International Conference on cognitive Informatics & soft Computing	20 th & 21 st December, 2017	146 faculty members from various states have participated and 97 research papers	Dr.Gyoo Soo Chae, Professor, Division of Information & Communication Engineering, Baekseok University, South Korea was the chief guest for Inauguration



Department Workshops

S.NO	Event Title	Organized by	Date	No. of Participants	Faculty Organizers
1	ANDROID Application Development	IT&CSE	28-06-2017 to 08-07-2017.	30	Ms. V. Ambica
2	Information Security	IT&CSE	28 th October 2017	60	Ms. V. Ambica
3	Data Visualization (Tableau)	IT&CSE	28 th October 2017	70	Ms. V. Ambica
5	Ethical Hacking & Counter Measures Attack	IT&CSE	9 th &10 th March 2018	100	Ms. V. Ambica
6	Data Science using R	IT&CSE	9 th &10 th March 2018	80	Ms. V. Ambica

Industrial Visits For Students

S.No	Place of Visit	Students Benefitted	Date
1	Infosys SEZ Campus, Ghatkesar, Hyderabad	III YEAR	18-01-2018
2	Deloitte	IV YEAR	27-11- 2017.
3	TCS	III YEAR	08-08-2017



Student Participations

S NO	Events	Venue	No of Students	Year
1	EXCITE 2017-18	JHUB-JNTUH	3	III
2	ISB	VBIT	3	III
3	BootCamp	JHUB-JNTUH	1	II
4	IoT Makerspace	HYSEA & TASK	1	IV

Student Contributions

S. No	Activity	Name of the Participants	No. of Students
1	STUTALK	Kanchan	1
2	STREET CAUSE	Hitasri, Pavan Kumar Shreya, kanchan, Manisha Reddy, Abhinav, Shreya, Atiq, Sahas	9
3	IEEE	Shanmukha Srinivas, D. Bhavani Sai, Lakshmi Karthik, Shreya, Shravya, Sushma, Abhishek, T. Vikra m, Vishruth, Rashmi, Vineeth	11
4	ECO CLUB	Bhuvaneshwari, Sanjana, Sharvya. B, Sushma	4
5	GANITH	Nanda Kumar, Srinija, Rashmi, Srujana, Ganga Keerthi, Hanisha, A. Shriya, Karthik	8
6	Robotics Club	Hanisha, Karthik, Lakshman Sreekar, Jyothsna	4

Student Participation in Competitive Exams

S.No	Competitive Exams	No of Students	Year
1	GRE	5	IV
2	IELTS	3	IV

Student Achievements

- ✓ Hanisha, Jyothsna and team has won 2nd prize in Smart India Hackathon.

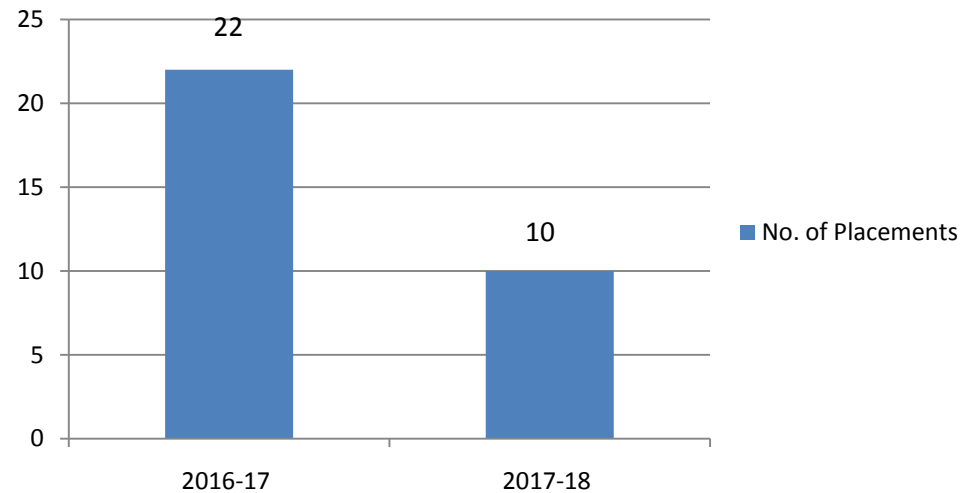
Student Placements

S. No	Name of the Organization	No. of Student Placed
1	Aliens Developers Pvt. Ltd	2
2	Amazon Development Centre (India) Pvt. Ltd	2
3	JK Group	2
4	Silverpeak Global Pvt. Ltd	4
Total		10

Placements

Year	No. of Placements
2016-17	22
2017-18	10

No. of Placements



Student Participations in Co-Curricular Activities

S No	Activity	No. of Students Participated
1	ISB	3
2	IOT Makerspace	1
3	CISCO	120
4	Excite-JHUB	3
5	BootCamp-JHUB	1

List of Cisco Courses Integrated in Academics

S.No	Cisco Courses	Year
1	Packet Tracer	II
2	Python Programming	III

Activities Planned for 2018-19

Planning for Activities & budget for the Academic Year 2017-18			
Approximate Dates	Type of activity	Target Audience with number	Budget
18th to 22nd Jun 2018	FDP on Machine Learning & Its Application using Python	150	70,000
13th Aug, 2018	2 Days Workshop on Information Security	150	10,500
13th Aug, 2018	2 Days Workshop on Big Data & Data Analytics	150	10,500
20th Jan, 2019	Guest Lecture on “Machine Learning & Artificial Intelligence”	150	6500
3rd Mar, 2019	Guest Lecture on “Cloud Computing & Data Warehousing”	150	6500
Total			1,04,000

Proposed Budget for 2018-19

SNo	Item	Amount
1	Academic Activities	1,04,000/-
2	Upgradation of Dept. PCs	30,000/-
3	Printer for Official Work	10,000/-
4	Projector for Class Room	25,000/-
5	White Boards for Class Room	5,000/-
Total		1,74,000/-

New Suggestions

- ✓ As students are appearing for **quiz type of questions** in both the **mid semester exams**,
- ✓ But we are not conducting any quiz tests to practice them for answering those type of questions.
- ✓ Instead of conducting 5 tutorials. We can conduct **3 tutorials and 2 quiz tests**.
- ✓ Quiz tests can also be done **online** with different freely available software.

Difficulties Faced

- ✓ No full time **clerical staff** available in the department.
- ✓ Sufficient **rooms** are not available to provide all possible **elective subjects** according to students choice.
- ✓ Faculty **personal systems** are required to carry out effective research and other works.
- ✓ Subscriptions to other journals (**Elsevier or Springer**) except IEEE is required for more serious research work.

Goals

- ✓ Motivate students to participate in different **co-curricular activities** to gain more skill.
- ✓ Motivate the students to appear different **competitive exams** for their higher studies.
- ✓ Motivate the students to **participate in different events** to grow their skills as well as represent ideas to outside world.
- ✓ **Publish papers** in reputed journals to enhance research experience.

Analysis of Presentation Feedbacks

- ✓ Pass percentage of the students can be improved further through effective teaching.
- ✓ Number of research publications can be improved further by our department faculty members.
- ✓ More attention should be given to absentees students and poor performing students.

			Target	Achieved	Remarks	
1.	Result	without any backlog	10	2		
2.	Placement	On campus	20	0		
		Off Campus	48	10	Can be improved	
3	Extra Curricular Activities	Workshop	2 workshops	2 workshops conducted (48 students)		
		Guest Lectures	1 Guest Lecture	1 Guest Lecture (48 students)	Can conduct more	
		Faculty Development Programs	Participated	-	16	
			Conducted / organized	1 FDP	0	Planned for 2018-19
		Conferences Organized	1	1		
4	Research	Proposals uploaded	2	2		
		Proposals approved	2	2		
		Papers published	Students	At least 2	0	
			Faculty	-	15	

Thank
you

