# Department of Information Technology

## Academic Review (2016-17)

By

Mr.M.Venkateswara Rao

HOD

# Agenda…

- **PART-A:Regular Activities during A.Y 2016-17**
  - Statistics of Department
  - Quality Assessment of Each Activity
  - Difficulties faced during execution
- **PART-B:New Initiatives taken in A.Y 2016-17**
  - Quality Assessment
  - Feedback
- **PART-C: Planning of Next A.Y 2017-18**
  - Department Advisory Committee meeting Date
  - New Requirements and budget
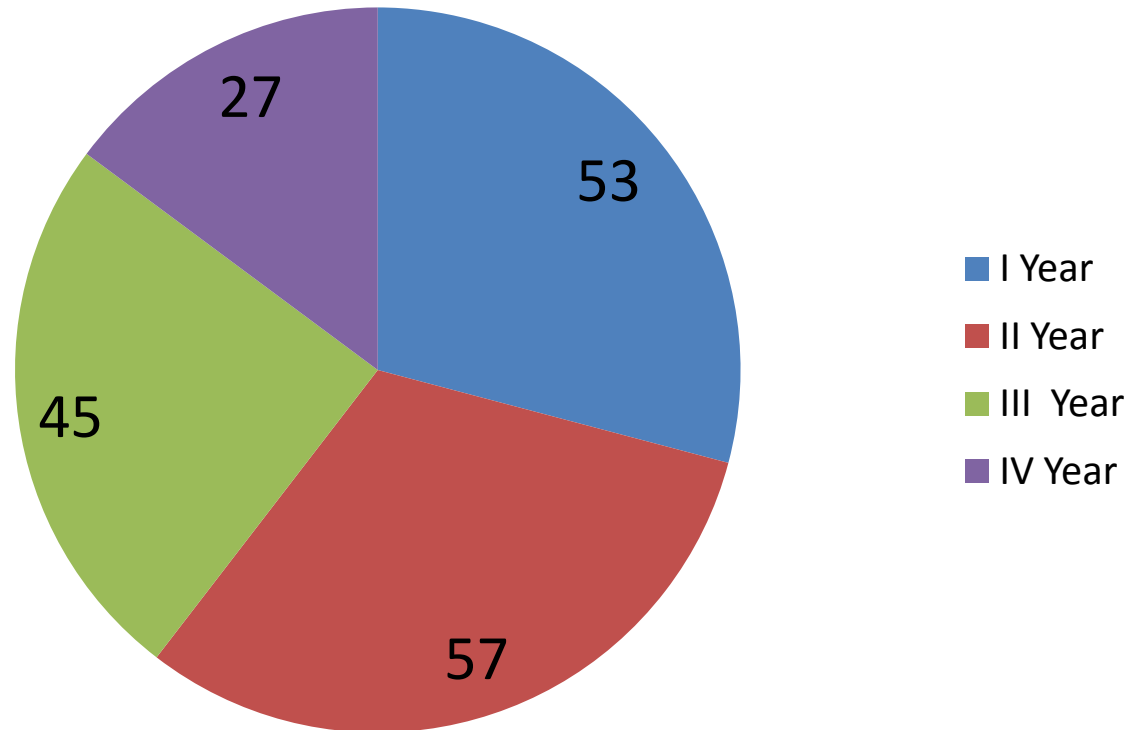  - Targets for Activities
  - New Initiatives

# Department Strategy

Motivate the students

✓ To obtain knowledge in the subject.

✓ To obtain certifications.

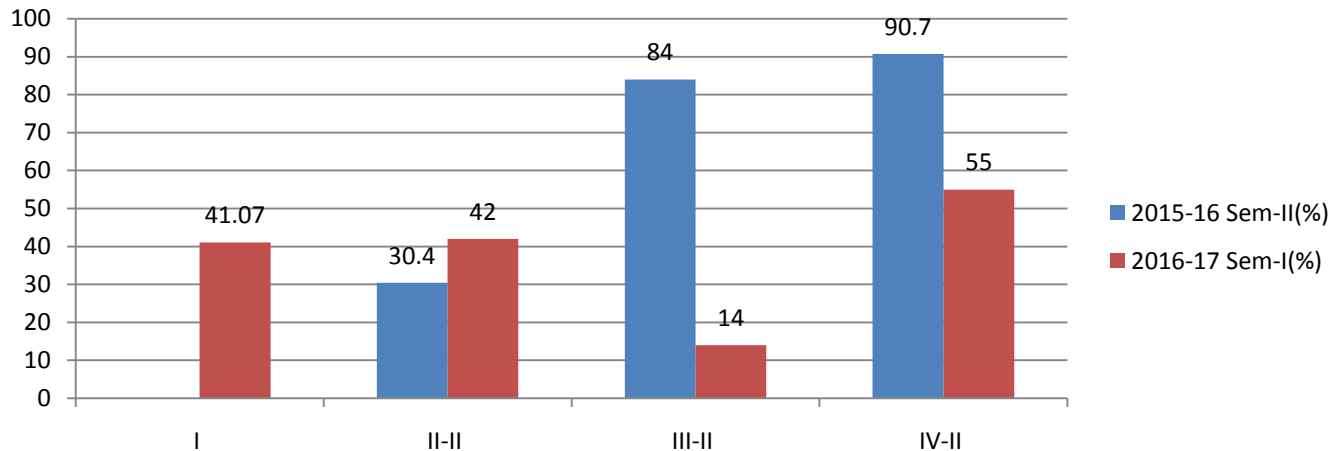✓ To obtain Degree with good Percentage.

✓ To obtain a good placement.

# Part-A(Statistical Data of the Department)
# Student Strength:60 intake(53+ 57+ 45+27 )

# Result Analysis

| 2015-16 Second Semester | |
|---|---|
| Year | Pass Percentage |
| II-II | 30.40 |
| III-II | 84.00 |
| IV-II | 90.70 |

| 2016-17 First Semester | |
|---|---|
| Year | Pass Percentage |
| I-I | 41.07 |
| II-I | 42.00 |
| III-I | 14.00 |
| IV-I | 55.00 |

# Result Analysis

| 2016-17 Second Semester | | |
|:---:|:---:|:---:|
| **Year** | **No. of Passed/Appeared** | **Pass Percentage** |
| IV-II | 23/27 | 85% |

# Result Analysis(2015-16 I year)

| S.NO | Faculty Name | Section | No. of Students passed/ Appeared | Pass Percentage | Highest Mark |
|------|--------------|---------|----------------------------------|-----------------|--------------|
| 1 | M Venkateswara Rao | CSE C | 56/59 | 94.92 | 96 |
| 2 | Mrs. P.Swetha | CSE D | 48/55 | 87.33 | 86 |
| 3 | Mrs. S.Bhagya Rekha | ECE-B | 41/60 | 68 | 86 |
| 4 | Mrs. S.Bhagya Rekha | MECH-A | 38/59 | 63 | 83 |
| 5 | Mrs. K.Soumya | ECE C | 51/60 | 85 | 87 |
| 6 | Mrs. K.Soumya | IT | 47/57 | 82 | 81 |

# COMPUTER PROGRAMING RESULT 2015-16

| SNO | APPEARED | PASSED | PASS % |
|-----|----------|--------|--------|
| 1 | 780 | 560 | 71.7 |

# Result Analysis(2015-16 II Sem)

| Year | Subject Name | Faculty Name | No. of Students Passed/Appeared | Pass(%) | Highest Marks |
|------|--------------|--------------|-------------------------------|---------|---------------|
| II-II | PPL | Mrs.G.K.Kartika | 33/45 | 73 | 75 |
| | DBMS | Mrs.Y.Srividya | 16/45 | 35 | 61 |
| | JAVA | Ms.N.Indira Priyadarshini | 33/45 | 73 | 70 |
| | ES | Mr.Dr.Mahender Reddy | 35/45 | 56 | 73 |
| | DC | Mr.Mohsinali | 38/45 | 84 | 63 |
| | DAA | Mrs.P.Swetha | 26/45 | 55 | 62 |
| | G.S | Mr.Ch.Srinivas | 45/45 | 100 | 74 |
| III-II | OOAD | Mrs.Ambica Venna | 25/25 | 100 | 83 |
| | DWDM | Mr.Tirupathi | 23/25 | 92 | 78 |
| | CC | Mr.V.Sridhar Reddy | 22/25 | 88 | 84 |
| | WT | Mr.M.Venkateswara Rao | 21/25 | 84 | 77 |
| | STM | Ms.N.Indira Priyadarsini | 21/25 | 84 | 64 |
| | I.A | Mrs.Madhubala Myneni | 13/13 | 100 | 73 |
| | ISM | Mr.Prasad Patibandla | 8/12 | 67 | 70 |
| IV-II | DP | Mrs.Y.Srividya | 33/43 | 77 | 72 |
| | ECOM | Mr.Naveen | 39/43 | 91 | 80 |
| | MS | Mr.Shiva Ramakrishna | 30/43 | 70 | 65 |

# Result Analysis(2016-17 I Sem)

| Year | Subject Name | Faculty Name | No. of Students Passed/Appeared | Pass % | Highest Marks |
|------|--------------|--------------|--------------------------------|--------|---------------|
| II-I | BEE | Ms A.Subhadra | 25/47 | 53 | 61 |
| | DS | Mrs G.K.Karthika | 42/47 | 89 | 72 |
| | DLD&CO | Mrs V.Ambica | 33/47 | 70 | 85 |
| | EDC | Ms D.Srilekha | 39/47 | 83 | 81 |
| | MFCS | Mrs Ch.Jayanthi | 40/47 | 85 | 78 |
| | P&S | Mr P.Madhukar | 30/47 | 63 | 74 |
| III-I | ACD | Mrs N.Sasiprabha | 32/41 | 78 | 68 |
| | CN | Mr V.Sridhar Reddy | 20/41 | 48 | 71 |
| | LP | Mr P.Praveen | 28/41 | 68 | 60 |
| | MEFA | Mrs Ch.Rajitha | 31/41 | 75 | 60 |
| | OS | Ms N.Indira Priyadarsini | 7/41 | 17 | 57 |
| | SE | Ms K.Apoorva | 32/41 | 78 | 64 |

# Result Analysis(2016-17  IV – I - Sem)

| Subject Name | Faculty Name | No. of Students Passed/Appeared | Pass % | Highest Marks |
|---|---|---|---|---|
| BIGDATA (AA-2) | Mrs N.Swapna | 27/27 | 100 | 77 |
| DP | Mrs B.Manjulatha | 27/27 | 100 | 75 |
| HCI | Mr P.Naveen | 26/27 | 96 | 86 |
| IRS | Mrs Y.Sri Vidya | 27/27 | 100 | 84 |
| IS | Mr M.Venkateswara Rao | 25/27 | 93 | 71 |
| ISAA(SA-2) | Mrs Keerthana | 10/12 | 86 | 83 |
| MAD | Mrs S.Bhagya Rekha | 25/27 | 93 | 75 |

# COMPUTER PROGRAMING RESULT 2016-17 SEM I

| SNO | NAME OF THE FACULTY | BRANCH | APPEARED | PASSED | PASS % |
|-----|---------------------|--------|----------|--------|--------|
| 1 | M VEKATESWARA RAO | CIVIL A | 40 | 31 | 77.50 |
| 2. | P SWETHA | CIVIL B | 41 | 31 | 75.00 |

# Result Analysis(2016-17 II-SEM)

| Year | Subject Name | Faculty Name | No. of Students Passed/Appeared | Pass % | Highest Marks |
|------|--------------|--------------|---------------------------------|--------|---------------|
| IV-II | ISM | Mrs M.Kalpana | 12/14 | 86 | 75 |
| | MS | Mrs Niharika | 27/27 | 100 | 68 |
| | MRIA | Mrs S.Bhagya Rekha | 23/27 | 90 | 67 |
| | AA-III | Mrs Y.Sri Vidya | 13/13 | 100 | 68 |
| | COMPREHENSIVE VIVA | Ms N.Indira Priyadarshini | 27/27 | 100 | 99 |
| | MINI PROJECT | Mrs S.Bhagya Rekha | 27/27 | 100 | 49 |
| | FINAL PROJECT | Mrs S.Bhagya Rekha | 27/27 | 100 | 196 |
| | TECHNICAL SEMINAR | Mrs B.Manjulatha Reddy | 27/27 | 100 | 50 |

# Result Analysis

| | 2015-16(sem-I) | 2016-17(sem-I) |
|---|---|---|
| Year | Pass Percentage | Pass Percentage |
| II | 30.4% | 43% |
| III | 84% | 15% |
| IV | 90.70% | 81% |

# Result Analysis

| Year | 2015-16(sem-II) Pass Percentage | 2016-17(sem-II) Pass Percentage |
|------|------|------|
| II | 67% | Not yet Declared |
| III | 88.6% | Not yet Declared |
| IV | 79% | 85% |

# Status of Syllabus Completion(2016-17 II Sem)

| Year | Subject Name | Faculty Name | No. of sessions planned | No of Sessions Taken |
|------|--------------|--------------|-------------------------|----------------------|
| II-II | Java | K.Soumya | 61 | 65 |
| | DBMS | Y.Srividya | 60 | 62 |
| | PPL | R.Suvarna | 63 | 60 |
| | DAA | N.Indira Priya darshini | 74 | 71 |
| | DC | Anil kumar | 60 | 55 |
| | ES | K.Shirish kumar | 55 | 50 |
| III-II | WT | M.Venkateswara Rao | 68 | 65 |
| | CC | V.Sridhar Reddy | 60 | 55 |
| | DWDM | P.Swetha | 60 | 58 |
| | IA | P.Praveen | 65 | 79 |
| | ISM | V.Ambica | 65 | 62 |
| | STM | B.Manjulaha | 64 | 61 |
| | OOAD | S.Bhagyarekha | 64 | 61 |
| IV-II | AA-3 | Y.Srividya | 55 | 50 |
| | SA-3 | M.Kalpana | 60 | 57 |
| | MS | Niharika | 60 | 58 |
| | MRIA | S.Bhagyarekha | 62 | 61 |

# Summary of Tutorials, Assignments (2016-17 II Sem)

| YEAR | SUBJECT | TUTOTIALS CONDUCTED | ASSIGNMENTS CONDUCTED |
|---|---|---|---|
| II | PPL | 5 | 5 |
| | OOPS | 5 | 5 |
| | DAA | 5 | 5 |
| | ES | 5 | 5 |
| | DC | 5 | 5 |
| | DBMS | 5 | 5 |
| III | WT | 5 | 5 |
| | CC | 5 | 5 |
| | OOAD | 5 | 5 |
| | DMDW | 5 | 5 |
| | AA/ISM | 5 | 5 |
| | STM | 5 | 5 |
| IV | MRIA | 5 | 5 |
| | MS | 5 | 5 |
| | AA/ISM | 5 | 5 |

# Summary of Seminars(2016-17 II - IT  II-  Sem)

| | |
|---|---|
| No.of students | 50 |
| Presented | 47 |
| Not presented | 03 |

# Department Meetings

| S NO | SEMESTER | NO OF MEETINGS HELD |
|------|----------|---------------------|
| 1 | I | 11 |
| 2 | II | 7 |

# Department Meetings(SEM I)

| S. No | Date of Meeting held | Agenda of the meeting |
|---|---|---|
| 1 | 10-6-16 | 1. Subject Allotment<br>2. Academic Plan Presentation<br>3. Time Table Preparation<br>4. Evaluation of Assignments and Tutorials<br>5. Faculties Are Given With Responsibilities |
| 2 | 13-6-16 | 1.Instructions to the Faculty Members about Class Work<br>2. Floor Incharges<br>3. Identification of Notorious Students<br>4. Leave Policy |
| 3 | 24-6-16 | 1. Review of Departmental Activities During Last Semester.<br>2. Subject Wise Result Analysis and Course Assessment of The Previous Year.<br>3. Review of Syllabus<br>4. Review Of Peo's, Po's, Course Objectives and Outcomes.<br>5. Analysis Of Feedback Received From Alumini, Industry And Parents During Last   Semester.<br>6. Review of Academic/Course Plan Prepared By the Faculty for Upcoming Semester.<br>7. Suggestions Regarding Topics To Be Added To Meet The Peo's And Po's.<br>8. Suggestions Regarding Strengthening of Laboratories.<br>9. Review and Suggestions Regarding Teaching Methodology.<br>10. Trust Areas For The Upcoming Semester.<br>11. Review of the R&D Activities and Project Work.<br>12. Review of the Placement. |

# Department Meetings(SEM I)

| S. No | Date of Meeting held | Agenda of the meeting |
|---|---|---|
| 4 | 09-7-16 | 1.Review of Syllabus<br>2.Mentoring the Students<br>3. Discussion on R&D Practices And Suggestions Given By Them |
| 5 | 25-7-16 | 1.Subject Coverage<br>2.Applying Leave before One Day Online/Offline.<br>3. Student Performance<br>4. Guest Lectures and Workshops To Be Organized.<br>5. Faculty Should Attend Workshops And Conferences.<br>6. Faculty Presentations on Research Topics (Latest) In the Department.<br>7. Faculty To Implement R&D Projects—Visibility Imager Sponsored by Nrsa.<br>8. Faculty to Publish At least One Research Paper per Semester.<br>9. Faculty Suggested Attending Net &Set Exams (Twice In A Year).<br>10. Faculty To Take Invigilation's Seriously. Assigning Invigilation's Only Based On Their Workload. |
| 6 | 03-09-16 | 1. Miniprojects<br>2. Syllabus Progress<br>3. R&D Activities<br>4. Seminars<br>5. Assignments and Tutorials<br>6. Mentoring<br>7. Workshop on Big Data Analytics<br>8. Course Material File<br>9. Any Other |

# Department Meetings(SEM I)

| S. No | Date of Meeting held | Agenda of the meeting |
|---|---|---|
| 7 | 04-10-16 | 1.Syllabus Coverage<br>2.Tutorials and Assignments<br>3. Mentoring<br>4. Week Students<br>5. Status of Mini Projects<br>6. Any Other Matter |
| 8 | 25-10-16 | 1.Subject Preferences for Next Semester<br>2.Tutorials and Assignments<br>3. Seminars<br>4. Status of Minor Projects<br>5. Any Other Requirements<br>6. NBA |
| 9 | 31-10-16 | 1.NBA<br>2.Subject Allocation<br>3.Any Other Matter |
| 10 | 05-11-16 | 1.NBA |
| 11 | 28-11-16 | 1.NBA<br>2.Course Files<br>3.Faculty Workload<br>4.Faculty Presentations<br>5.Records(Binded /Loose)<br>6.List of Software's for upcoming semester<br>7.Any other matters |

# Department Meetings(SEM II)

| S. No | Date of Meeting held | Agenda of the meeting |
|-------|----------------------|------------------------|
| 1 | 15-12-16 | 1. Faculty Presentations<br>2. Major Projects<br>3. Class work<br>4. Any other matter |
| 2 | 09-01-17 | 1. Class work<br>2. Syllabus Coverage<br>3. Mentoring<br>4. Tutorials & Assignments<br>5. Upcoming Events<br>6. Any Other Matter |
| 3 | 28/1/17 | 1. Syllabus Coverage<br>2. Mentoring<br>3. Tutorials & Assignments<br>4. NBA work<br>5. Main project status<br>6. R&D<br>7. Upcoming events<br>8. Any other matter |

# Department Meetings(SEM II)

| S. No | Date of Meeting held | Agenda of the meeting |
|-------|----------------------|------------------------|
| 4 | 09/2/17 | 1. Syllabus Progress<br>2. Mentoring<br>3. Major Projects<br>4. Any Other |
| 5 | 28/2/17 | 1. Mentoring<br>2. Tutorials & Assignments<br>3. Result Analysis |
| 6 | 15/3/17 | 1. JNTU Inspection<br> 2. Any other matter |
| 7 | 17/4/17 | 1. Major Projects<br>2. NBA<br>3. R&D Activities<br>4. Course file submission<br>5. Mentoring |
| | | |

# Projects 2016-17

Motivate the students

✓ To frame the idea.

✓ To make it as publication.

✓ To implement it as project.

✓ To design a complete product.

# Projects 2016-17

|        |                 | Major Projects      | Mini Projects      |
| :----: | :-------------- | :-----------------: | :----------------: |
| S. No  | Type of Project | Number of Projects  | Number of Projects |
|   1    | Inhouse         |          9          |         15         |
|   2    | Industry        |          1          |          -         |

- Major Projects: **10**
- Best Projects for Aakar-2017 :**5**
- Awarded: **3**

# Projects Details

| S.No. | Project Title | Type of Project | Guide Name |
|-------|---------------|-----------------|------------|
| 1 | HR Management System | Inhouse | Y.Srividya |
| 2 | Expense Tracker | Inhouse | N.Indira Priyadarshini |
| 3 | Hospital Management System | Inhouse | M.Venkateswara Rao |
| 4 | College Intranet Forum | Inhouse | K.Soumya |
| 5 | Secure Data transfer(via gap networking) | RCI | V.Sridhar Reddy |
| 6 | College Discussion Forum | Inhouse | B.Manjulatha Reddy |
| 7 | Student Portal | Inhouse | S.Meghana |
| 8 | Personal Activity Recognition | Inhouse | S.Bhagya Rekha |
| 9 | Integrated Examination System | Inhouse | P.Swetha |
| 10 | Audit Free Cloud storage via deniable attribute based encryption | Inhouse | V.Ambica |

# Faculty Strength(sem-I)

- **Total strength**: 12
  - ➤1 - Associate Professor & HOD
  - ➤1 - Associate Professor
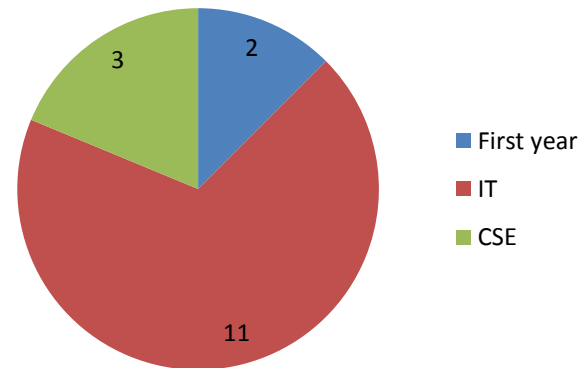  - ➤10 -Assistant Professor
- **Workload Distribution**

| Faculty handled sessions(2016-17)(sem-I) | | | |
|---|---|---|---|
| Total Faculty | First year | IT | CSE |
| 12 | 2 | 9 | 5 |
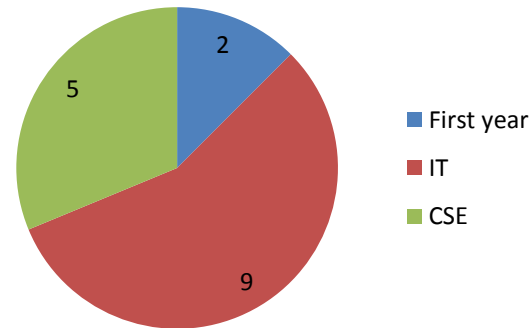
# Faculty Strength(sem-II)

- **Total strength**: 10

  ➢1 - Associate Professor & HOD

  ➢1 - Associate Professor

  ➢8 -Assistant Professor

- **Workload Distribution**

| Faculty handled sessions(2016-17)(sem-II) | | | |
|---|---|---|---|
| **Total Faculty** | **First year** | **IT** | **CSE** |
| 10 | 2 | 11 | 3 |

# 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 & NBA Coordinator |
| 3 | Mrs.Y.Srividya | Assistant TPO |
| 4 | Ms.N.Indira Priyadarsini | IEEE VBIT-SB Faculty Coordinator(Computer Society) |
| 5 | Mrs.B.Manjulatha | CISCO Faculty Coordinator |

# List Of Faculty Co-ordinators(2016-17)

| | |
|---|---|
| Academics | V.Sridhar Reddy |
| E Cap | N.Indira Priyadarshini |
| R & D | P.Swetha |
| Time Table | K.Soumya |
| Examination | P.Swetha & S.Meghana |
| T & P | Y.Srividya |
| Attendance & Mentoring | V.Ambica |
| Tutorials & Assignments | S.Meghana |
| Seminar-over all coordinator | S.Meghana |
| Projects | S.Bhagyarekha |
| Branch Association | V.Ambica |
| Student participation in extra curricular activities and competitive exams | K.Soumya |
| Library | P.Swetha |
| Feed back | V.Ambica |

# Department Advisory Committee
## 25th June2016

### Members of DAC

1. Dr. G.Amarendar Rao,Principal
2. Mr. M.Venkateswara Rao,HOD
3. Mr.V.Sridhar Reddy, Member
4. Mrs. G.K.Karthika, Member
5. Mr.Keshava Reddy, Team Lead , Accenture Pvt. Ltd.
6. Mrs.Geetha Kulkarni, Team Lead, Infosys

# Faculty Publications

| S NO | NAME OF FACULTY | NO OF PUBLICATIONS |
|------|-----------------|--------------------|
| 1 | Mr.M.VenkateswaraRao | 1 |
| 2 | Mr.V.Sridhar Reddy | 2 |
| 3 | Mrs.Y.Srividya | 1 |
| 4 | Mrs.P.Swetha | 2 |
| 5 | Mrs.S.BhagyaRekha | 1 |
| 6 | Ms.S.Meghana | 1 |
| 7 | Mrs.K.Soumya | 2 |
| 8 | Mrs.V.Ambica | 3 |
| 9 | Mrs.B.Manjulatha | 2 |

# Faculty Publications

| S.No | Name of the Faculty | Title |
|------|--------------------|-------|
| 1 | Mr.M.VenkateswaraRao | 1."A Study On Provable Multi Copy Dynamic Data Procession and Cloud Computing Systems" by Mr.M.VenkateshwaraRao, R.Bala Vigneshwar,IJMETMR,ISSN:2348-4845. |
| 2 | Mr.V.Sridhar Reddy | 1."Privacy Conserving Hierarchical Multi-Keyword look for Multiple Knowledge Hours in Cloud Computing", Ms D.Varalakshmi, Mr.V.Sridhar Reddy,IJSRET, ISSN 2278 – 0882. 2."Determinization of Uncertain Objects Based On Query Response" byMr.M.Harish Kumar, Mr.V.Sridhar Reddy, IJMETMR, ISSN NO: 2348-4845, SEP,2016. |
| 3 | Mrs.Y.Srividya | 1."Correlated Cluster-Based Imputation for Treatment of Missing Values" byDr.M.MadhubalaMyneni, Mrs.Y.Srividya, MrD.Akhil in Springer Link, VOL-507of the series Advances in Intelligent Systems and Computing, pp 171-178, DEC 2016. |
| 4 | Mrs.P.Swetha | 1."A Survey on Technical & Functional Challenges in On-Demand Dynamic &Scalable Resource Allocation" by Mrs. SwethaPesaru, IJIRCCE, Vol. 4, Issue 6, June 2016, ISSN(Online): 2320-9801. 2."Classification Of Attacks In Cloud Computing Model Based On Current Scenarios" by Mrs.SwethaPesaru,IJSRET, ISSN 2278 – 0882, Volume 5, Issue 7, July 2016. |

# Faculty Publications

| S.No | Name of the Faculty | Title |
|---|---|---|
| 5 | Mrs.S.BhagyaRekha | 1."A Study on Investigating WIFI based fingerprint indoor localization of Trivial Devices"by Mrs. S.BhagyaRekha,IJCTA,ISSN 0974-5572,Volume 10,Issue 1,International Science Press by Serials Publications,March 2017. |
| 6 | Ms.S.Meghana | 1."An Application Awareness Local Source and Global Source De-Duplication with security in resource constraint based Cloud backup services" by Ms S.Meghana,IJCSIT,Vol. 7 (4) ,ISSN:0975-9646. |
| 7 | Mrs.K.Soumya | 1."A Study On Integration of IOT and Cloud Computing for Education Systems", by Mrs.V.Ambica, Mrs. B.Manjulatha, Mrs. K.Soumya, IJIRCCE, Volume 4, Issue 6, June 2016.<br>2."A Complete Voice Over Control Of Mobile in Native LanguageforBlind"byMrsK.Soumya,Mrs.V.Ambica,Mrs.B.Manjulatha, IJR,VOL-3,ISSUE-11,july-2106,ISSN NO:2348-6848. |

# Faculty Publications

| S.No | Name of the Faculty | Title |
|------|---------------------|-------|
| 8 | Mrs.V.Ambica | 1."A Study On Integration of IOT and Cloud Computing for Education Systems", by Mrs.V.Ambica, Mrs. B.Manjulatha, Mrs. K.Soumya, IJIRCCE, Volume 4, Issue 6, June 2016.<br>2."A Complete Voice Over Control Of Mobile in Native Language for Blind" by Mrs. K.Soumya,Mrs.V.Ambica, Mrs. B.Manjulatha,IJR,VOL-3,ISSUE-11,july-2106,ISSN NO:2348-6848.<br>3. "A Trust Based Authentication and Management Systems for Cloud Network" by V.Ambica, Mrs. J.Bhargavi, IJIRCCE,Vol. 4, Issue 7, July 2016. |
| 9 | Mrs.B.Manjulatha | 1."A Study On Integration of IOT and Cloud Computing for Education Systems", by Mrs.V.Ambica, Mrs. B.Manjulatha, Mrs. K.Soumya, IJIRCCE, Volume 4, Issue 6, June 2016.<br>2."A Complete Voice Over Control Of Mobile in Native Language for Blind" by Mrs. K.Soumya,Mrs.V.Ambica, Mrs. B.Manjulatha,IJR,VOL-3,ISSUE-11,july-2106,ISSN NO:2348-6848. |

# Faculty Attended Workshops

| S NO | NAME OF FACULTY | NO OF WORK SHOPS |
|------|-----------------|------------------|
| 1 | Mr. M.Venkateswara Rao | 1 |
| 2 | Mr. V.Sridhar Reddy | 1 |
| 3 | Mrs. Y.Srividya | 1 |
| 4 | Mrs. P.Swetha | 1 |
| 5 | Mrs. S.BhagyaRekha | 2 |
| 6 | Ms. S.Meghana | 1 |
| 7 | Mrs. K.Soumya | 4 |
| 8 | Mrs. V.Ambica | 4 |
| 9 | Mrs. B.Manjulatha | 3 |
| | TOTAL | 18 |

# Faculty Attended WorkShops

| S.No | Name of the Faculty | Event Name |
|------|---------------------|------------|
| 1 | Mr.M.VenkateswaraRao | 2 day workshop "Section Student Congress (IEEE)" at OU Campus on 22 and 23 OCT 2016 |
| 2 | Mr.V.Sridhar Reddy | 5 Days workshop on"Java Fundamentals & Programming"Conducted ByTASK in MGIT College on 19-09-2016 to 23-9-16. |
| 3 | Mrs.Y.Srividya | 5 Days FDP on "Associate Analytics – Module 3" by NASSCOM in JNTU. |
| 4 | Ms.N.Indirapriyadarsini | 2 Days FDP On "Samsung Tizen OS" Conducted By TASK on 15th & 16th November 2016 at CVR College Of Engineering. |

# Faculty Attended WorkShops

| S.No | Name of the Faculty | Event Name |
|------|---------------------|------------|
| 5 | Mrs.P.Swetha | 1."Advanced Wed Technologies "by CDAC Ameerpet on 19/5/2016 to 27/5/2016.<br>2.IEEE Workshop on "MEDICAL IoT" held on 12th November 2016 organized by IEEE Hyderabad Communications Society Chapter. |
| 6 | Mrs.S.BhagyaRekha | 1.5 Days Workshop on "Mobile Application Development" by CDAC Ameerpeton 23-05-2016 to 27-05-2016.<br>2."One Day Research Oriented Workshop on New Innovations in Cloud Computing for Big Data Applications" conducted by SREE VIDYANIKETHAN ENGINEERING COLLEGE, onAugust 13, 2016. |
| 7 | Ms.S.Meghana | 1.5 Days FDP On  "Database Applications & Programming in SQL" Conducted By TASK on 17th to 21st January 2017 at ACE College Of Engineering. |

| S.No | Name of the Faculty | Event Name |
|---|---|---|
| 8 | Mrs.K.Soumya | 1. One Day Ion Pride Faculty Development Program Conducted By TCS Ghachibowli on 7-9-2016.<br>2. One Days workshop on "Advanced Cyber Attacks and Threats" conducted by SYTECH Labs on 28-08-2016.<br>3. One Day work shop on "Machine Learning on BIGDATA with HADOOP" conducted by Department of CSE, JNTUH College of Engineering, Hyderabad on 26th November, 2016.<br>4.5 days FDP on Java Programming by TASK. |
| 9 | Mrs.V.Ambica | 1. "Security Analyst – Module 2" by NASSCOMM in JNTU on 8/6/16 to 12/6/16.<br>2. One Days workshop on "Advanced Cyber Attacks and Threats" conducted by SYTECH Labs on 28-08-2016.<br>3. One Day workshop on "Machine Learning on BIGDATA with HADOOP" conducted by Department of CSE, JNTUH College of Engineering, Hyderabad on 26th November, 2016.<br>4.2 days workshop on "National Cyber safety &security standards summit'17" conducted by NCDRC on feb 17th&18th 2017 at BITS PILANI. |

# Faculty Attended WorkShops

| S.No | Name of the Faculty | Event Name |
|------|---------------------|------------|
| 10 | Mrs.B.Manjulatha | 1. 10 days Workshop on "Security Engineering" by CDAC Ameerpet on 30-05-2016 to 08-06-2016.<br>2. One Dayworkshop on "Advanced Cyber Attacks and Threats" conducted by SYTECH Labs on 28-08-2016.<br>3. One Day workshop on "Machine Learning on BIGDATA with HADOOP" conducted by Department of CSE, JNTUH College of Engineering, Hyderabad on 26th November, 2016. |

| Year | No. of Workshops Attended |
|------|---------------------------|
| 2015-16 | 13 |
| 2016-17 | 18 |

# Value Added Courses

| S.No | Faculty | Course | Year |
|------|---------|--------|------|
| 1. | M.Venkateshwar Rao | C | III Year |
| 2. | Soumya | C | II Year |
| 3. | Swetha | Java | III Year |
| 4. | Sri vidya | DBMS | III Year |
| 5. | Indira Priyadarshini | JAVA & DS | IV Year |

# **<u>OUTLINE OF RESEARCH AREA OF FACULTY</u>**

1.**M.VenkateswaraRao** registered for Ph.D at K.L University, Guntur to work on the  topic" Routing Optimization in Wireless Sensor Networks".

2.  **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".

3. **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 are organized in proper manner .
  and updated periodically .

# WORKSHOPS/GUEST LECTURES

| EVENT NAME | DATE | Speaker | Participants |
|------------|------|---------|--------------|
| 3 D PRINTING | 29th July 2016 | Mr Surender Reddy, Red Pine Technologies. | 85 |

# WORKSHOPS/GUEST LECTURES

| S.NO | Event Title | Organized by | Date | No. of Participants | Faculty Organizers |
|---|---|---|---|---|---|
| 1 | ANDROID Application Development | CSE&IT | 19,20th August 2016 | 110 | G.K.Karthika |
| 2 | AWS CLOUD COMPUTING | CSE&IT | 7th January 2017 | 90 | V.SridharReddy |
| 3 | ASSOCIATE ANALYTICS (AA-1) | CSE&IT | 10,11th February 2017 | 95 | V.Ambica |
| 4 | SECURITY ANALYST (SA-1) | CSE&IT | 10,11th February 2017 | 50 | V.Ambica |
| 5 | Oracle Academy Virtual Student Day(Webinar) | Task | 24th March 2017 | 31 | K.Soumya V.Ambica |
| 6 | Women Rock-IT Cisco TV Series (Webinar) | Cisco | 27th April 2017 | 50 | B.Manjulatha |
| 7 | IT Essentials | Cisco | 6th March to 29th April,2017 | 60 | B.Manjulatha |

# INDUSTRIAL VISIT

| S.No. | Place of Visit | STUDENTS BENEFITTED | Date |
|-------|----------------|---------------------|------|
| 1 | INFOSYS | III YEAR | 08-03-2017 |
| 2 | TCS | II , III & IV YEAR | 20-02-2017 |

# Student Participations

| S NO | Events | Venue | Date | No of Students | Year |
|---|---|---|---|---|---|
| 1 | EXCITE 2016 | Jntuh | 27-05-2016 | 2 | IV |
| 2 | Flydubai | T-Hub | 09-07-2016 | 2 | IV |
| 3 | Med4dev | T-Hub | 22-07-2016 | 3 | III |
| 4 | Comp Prg | IIT Bombay | 16-07-2016 | 1 | II |
| 5 | OAVSD | VBIT | 24-03-2017 | 31 | II,III |
| 6 | Cloud Computing | VBIT | 01-07-2016 | 9 | III |
| 7 | Android | VBIT | 19-08-2016 | 16 | III |
| 8 | Intel Hackathon | NOVOTEL | SEP-2016 | 2 | III |
| 9 | AICSC | IIIT Hyd. | 16-12-2016 | 1 | II |
| 10 | ISB | VBIT | DEC-2016 | 1 | III |

# Student Contributions

| S. No | Activity | Name of the Participants | No. of Students |
|---|---|---|---|
| 1 | CINOSURE | Aishwarya ,Simhika ,Srujana,P.Santhoshini,G.Vinod,Rashmi | 6 |
| 2 | STUTALK | D.Akhila , Durga Prasad, Kanchan | 3 |
| 3 | STREET CAUSE | Hitasri, Pavan Kumar Shreya, kanchan,Manisha Reddy,Abhinav,Shreya,Atiq,Sahas | 9 |
| 4 | IEEE | Shanmukha Srinivas,D.Bhavani Sai,Lakshmi Karthik,Shreya,Shravya,Sushma,Abhishek,T.Vikram,Vishruth,Rashmi,Vineeth | 11 |
| 5 | ECO CLUB | Bhuvaneshwari,Sanjana,Sharvya.B,Sushma | 4 |
| 6 | GANITH | Nanda Kumar,Srinija,Rashmi,Srujana,Ganga Keerthi,Hanisha,A.Shriya | 7 |

# Student Participation in Competitive Exams

| S.No | Competitive Exams | No of Students | Year |
|------|-------------------|----------------|------|
| 1 | GRE | 11 | IV |
| 2 | IELTS | 6 | IV |

# Student Achievements

- 2$^{nd}$ year project "LIQUID COOLING ON PROCESSOR" BY Ravi teja,Bhargav,Shashank got BEST INOVATIVE AWARD in AAKAR 2017.

- IV year -EXCITE project by Akhila,Srujana held in JNTUH on 27$^{th}$ May to 2$^{nd}$ July 2016.

- Students of IV Year have published 6 papers of their projects in various journals.

# Student Placements

| S. No | Name of the Organization | No. of Student Placed |
|:-----:|:-------------------------|:---------------------:|
| 1 | Amazon Development Center India Pvt. Ltd | 4 |
| 2 | Head Infotech India Pvt Ltd | 1 |
| 3 | Genpact | 6 |
| 4 | Sourceeasy Manufacturing Services (I) Pvt. Ltd | 1 |
| 5 | Zaps Marketings Pvt. Ltd Co. | 5 |
| 6 | Maintec Technologies Pvt. Ltd | 1 |
| 7. | Arise Global Services Pvt. Ltd | 2 |
| 8 | Rivigo Services Pvt. Ltd | 1 |
| 9 | CSC India | 1 |
| 10 | Manipal Global Academy Of It | 4 |
| 11 | Menlo Technolgies | 1 |
| 12 | Mindtree | 1 |
| | Total | 28 |

# PLACEMENTS

| Year | No. of Placements |
|------|-------------------|
| 2015-16 | 13 |
| 2016-17 | 22 |
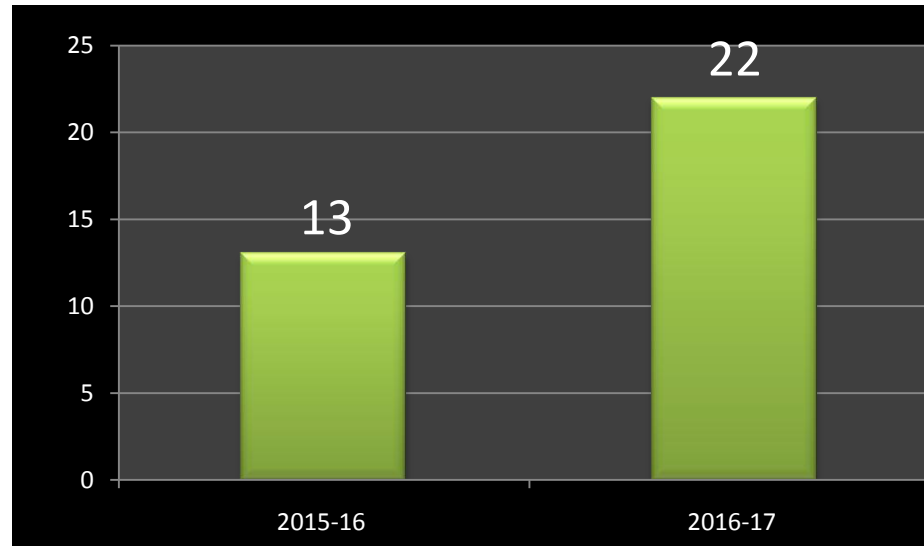
# Student Participations in Co-Curricular Activities

- 

| SNo | Activity | No. of Students Participated |
|-----|----------|------------------------------|
| 1 | SAP | 20 |
| 2 | ISB | 6 |
| 3 | IOT | 20 |
| 4 | CISCO | 21 |

# Planning for
# Academic Year 2017-18

# Events Planned for 2017-18

| Planning for Activities & budget for the Academic Year 2017-18 | | | |
|---|---|---|---|
| **Approximate Dates** | **Type of activity** | **Target Audience with number** | **Budget** |
| 15th july,2017 | one day Workshop on **LINUX** | III yrs-120 | 10,000/- |
| 23rd july2017 | Android Workshop | IV yrs-100 | 10,000/- |
| 22nd sep2017 | Guest Lecture on OOPS | II yrs-100 | 5000/- |
| 15th sep2017 | Workshop on C++ | II yrs | 20,000/- |
| 15th dec , 2017 | Guest Lecture on Network Security | IV yrs-150 | 5000/- |
| December,2017 | **National Conference** | | 1,00,000 /- |
| 4th Feb,2017 | Release of **CYNOSURE** magazine, volume III | | 10,000/- |
| Total | | | 1,60,000/- |

# Proposed Budget for 2017-18

| SNo | Item | Amount |
|:---:|:---:|:---:|
| 1 | Academic Activities | 1,60,000/- |
| 2 | LCD Projector | 30,000/- |
| 3 | White Boards | 10,000/- |
| | **Total** | **2,00,000/-** |

# Activities Proposed

- IT Essentials ,C Programming under Cisco are being scheduled from May 3 to July 15.
- Total participants=829(ITE=61,CP=41).
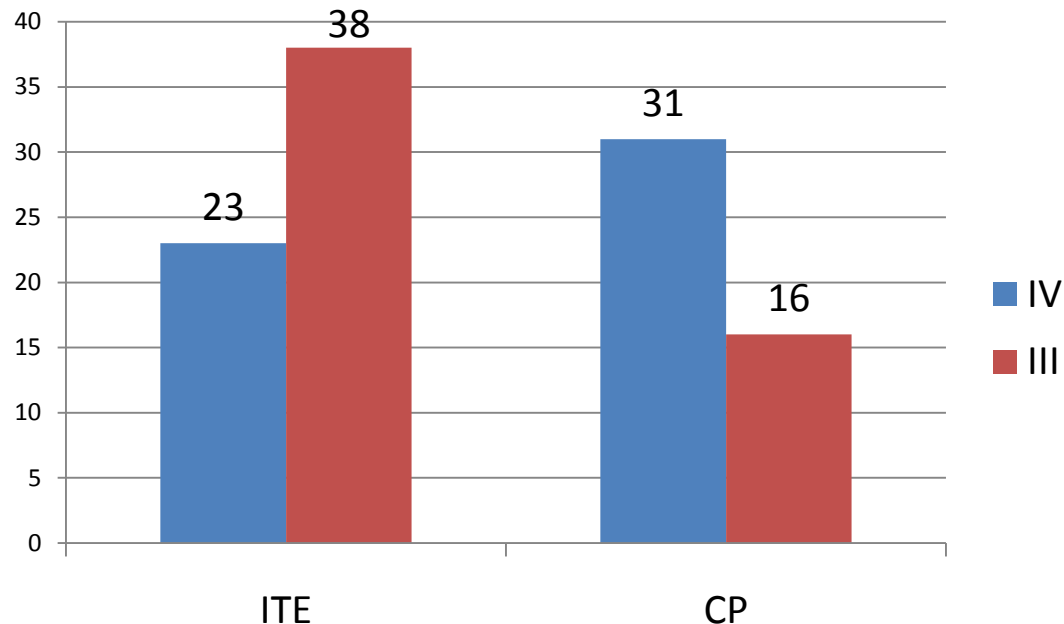
# List of Cisco courses integrated in Academics

| S.No | Cisco Courses | Curriculum Subjects | Year |
|------|---------------|---------------------|------|
| 1 | IT Essentials 6.0 | IT Workshop | I |
| 2 | IoT Fundamentals: Big Data & Analytics | Associate Analytics | IV |
| 3 | Cyber security Essentials | Security Analyst | III |
| 4 | Networking Essentials | Computer Networks | III |
| 5 | NDG Linux Unhatched NDG Linux Essentials NDG Linux I & II | Linux Programming | IV |
| 6 | CPA: Programming Essentials in C++ | DS through C++ | II |
| 7 | CLA: Programming Essentials in C | C Programming | I |

# **Goals**

- To develop full fledged mobile Applications as products.

- Motivate the students to appear GATE exam.

- Motivate the students to obtain maximum placements.

Thank you