NATIONAL BOARD OF ACCREDITATION

**Compliance Report Format (Tier – I/Tier – II)**

**PART- A: Institutional Information**

# (To be filled only once for all the programs under consideration)

A1. Name and Address of the College:- Srinivasa Ramanujan Institute of Technology, Rotarypuram(V)

City: - **Ananthapuramu** State:- **Andhra Pradesh**

Pin Code:- **515701**

## Phone No (including STD Code):- Fax

Website: - [**www.srit.ac.in**](http://www.srit.ac.in/)E-mail:- [**principal@srit.ac.in**](mailto:principal@srit.ac.in)

A2. Year of establishment: - 2008

A3. First Approval Letter No. F. No. 730-50-735(E)/ET/2008. Date: 19/08/2008 A4. Head of the Institution:-

Name:- Dr. G. Balakrishna Designation:- Principal Name of the Appointment:- Regular

Phone No:- Mobile:- 7893005520

E-mail:- [principal@srit.ac.in](mailto:principal@srit.ac.in) Fax No.:-

A5. Name and Address of the Affiliating University:- Jawaharlal Nehru Technological University Anantapur City:- Ananthapuramu

State:- Andhra Pradesh Pin Code:- 515001

Website:- [www.jntua.ac.in](http://www.jntua.ac.in/) Email:- [registrar@jntua.ac.in](mailto:registrar@jntua.ac.in)

Phone No.:- 08554272433 Fax:- 08554272437

A6. Type of the Institution:-

Institute of National Importance University

Deemed University

Autonomous:

\*Any other (Please specify)

**√**

\*Provide Details: University Affiliated College

A7. Ownership Status:

Central Government Trust

State Government Society

**√**

**√**

Government Aided Self Financing

\*Provide Details:

Sanction 25 Company

\*Any Other (Please specify)

# A8. Students Admissions (Institute level considering all UG programs):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **CAY 2020-21** | **CAYm1 2019-20** | **CAYm2 2018-19** | **Total** |
| Sanctioned Intake | **720** | **600** | **600** | **1920** |
| Number of students admitted (corresponding to sanctioned intake) | **706** | **602** | **516** | **1824** |
| % of students Admitted over last three assessment years (Total Admitted/Sanctioned Intake) | | | | **95%** |

*Kindly note that the year mentioned here is exemplary, institute has to consider the academic years as per the definition of CAY given in the document and according to the prevailing year.*

# Table A8

**CAY: Current Academic Year**

**CAYm1: Current Academic Year minus 1 = Current Assessment Year**

**CAYm2: Current Academic Year minus 2 = Current Assessment Year minus 1**

# A9. Details of the Students actually admitted through Lateral Entry/Separate Division

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **CAY 2020-21** | **CAYm1 2019-20** | **CAYm2 2018-19** |
| Number of students admitted through  Lateral Entry | **82** | **117** | **104** |
| Number of students admitted through Separate Division | **0** | **0** | **0** |
| Total Number of students admitted in the second year | **82** | **117** | **104** |

**Note: Provide student details of the second shift (if applicable)**

# A10. Provide separate Information for each of the program(s) for which compliance is to be submitted

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of the Department** | **Name of the program**  **being offered** | **Name of the program to**  **be considered** | **Yea r of Star t** | **Intak e** | **Increas e in intake if any** | **Year of increas e** | **AICTE**  **Approval** | **Accreditatio n status\*** |
| Civil Engineering | UG: B. Tech in Civil Engineering | UG: B. Tech in Civil Engineering | 2012 | 60 | - | - | F. No. South- Central/1- 688646151/ 2012/ EOA,  dated: 10/05/2012 | Eligible but not applied |
| +60 | 2013 | F. No. South- Central/1- |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | (increase d to 120 |  | 1356327646/  2013 /EOA,  dated: 19/03/2013 |  |
| Electrical & Electronics Engineering | UG: B. Tech in Electrical & Electronics Engineering | UG: B. Tech in Electrical & Electronics Engineering | 2008 | 60 | - | - | F. No. 730- 50-735(E)/ ET/2008,  dated: 19/08/2008 | Granted Provisional accreditation for a  period of three academic years  2018-2019 to,  2020-2021  i.e., up to 30- 06-2021.  F. No. 11-246- 2016-NBA,  dated:  17-10-2018. |
| +60  (increase d to 120) | 2010 | F. No. South Central  Region/1- 1710534/201  0 /EOA,  dated: 23/08/2010 |
| PG: M. Tech in Electrical Power Systems | PG: M. Tech in Electrical Power Systems | 2012 | 24 | - | - | F. No. South- Central/1- 688646151/ 2012/ EOA,  dated: 10/05/2012 | Eligible but not applied |
| -12  (Reduced to 12) | 2020 | F. No. South-  Central/1- 7005203316/  2020 /EOA,  dated: 15/06/2020 |
| Mechanical Engineering | UG: B. Tech in Mechanical Engineering | UG: B. Tech in Mechanical Engineering | 2012 | 60 | - | - | F. No. South- Central/1- 688646151/ 2012/ EOA,  dated: 10/05/2012 | Eligible but not applied |
| +60  (increase d to 120 | 2013 | F. No. South- Central/1-  1356327646/  2013 /EOA,  dated: 19/03/2013 |
| Electronics & Communicatio ns Engineering | UG: B. Tech in Electronics & Communicatio ns Engineering | UG: B. Tech in Electronics & Communicatio ns Engineering | 2008 | 60 | - | - | F. No. 730- 50-735(E)/ ET/2008,  dated: 19/08/2008 | Granted Provisional accreditation for a  period of three academic years  2018-2019 to,  2020-2021  i.e., up to 30- 06-2021.  F. No. 11-246- 2016-NBA,  dated: 17-10-2018. |
| +60  (increase d to 120) | 2009 | F. No. 730-  50-  735(E)/ET/  2008, dated: 30/06/2009 |
| PG: M. Tech in VLSI Design | PG: M. Tech in VLSI Design | 2012 | 18 | - | - | F. No. South- Central/1- 688646151/ 2012/ EOA,  dated: 10/05/2012 | Eligible but not applied |
| +6  (increase d to 24) | 2013 | F. No. South- Central/1-  1356327646/  2013 /EOA,  dated: 19/03/2013 |
| -12  (Reduced to 12) | 2020 | F. No. South- Central/1-  7005203316/  2020 /EOA,  dated: 15/06/2020 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Computer Science Engineering | UG: B. Tech in Computer Science & Engineering | UG: B. Tech in Computer Science & Engineering | 2008 | 60 | - | - | F. No. 730- 50-735(E)/ ET/2008,  dated: 19/08/2008 | Granted Provisional accreditation for a  period of three academic years  2018-2019 to,  2020-2021  i.e., up to 30- 06-2021.  F. No. 11-246- 2016-NBA,  dated:  17-10-2018. |
| +60  (increase d to 120) | 2011 | F. No. South Central/1- 401581827/ 2011 /EOA,  dated: 07/09/2011 |
| UG: B. Tech in Computer Science and Engineering (Artificial Intelligence and Machine  Learning) | UG: B. Tech in Computer Science and Engineering (Artificial Intelligence and Machine  Learning) | 2020 | 60 | - | - | F. No. South- Central/1-  7005203316/  2020 /EOA,  dated: 15/06/2020 | Not eligible for accreditation |
| UG: B. Tech in Computer and Science Engineering (Data Science) | UG: B. Tech in Computer and Science Engineering (Data Science) | 2020 | 60 | - | - | F. No. South- Central/1-  7005203316/  2020 /EOA,  dated: 15/06/2020 | Not eligible for accreditation |
| PG: M. Tech in Computer Science | PG: M. Tech in Computer Science | 2012 | 24 | - | - | F. No. South- Central/1- 688646151/ 2012/ EOA,  dated: 10/05/2012 | Eligible but not applied |
| -12  (Reduced to 12) | 2020 | F. No. South- Central/1-  7005203316/  2020 /EOA,  dated: 15/06/2020 |

* ***Write applicable one:***

## Granted provisional accreditation for two /three years for the period(specify period)

* + Granted accreditation for 5 / 6 years for the period (specify period)

## Not accredited (specify visit dates, year)

* + Withdrawn (specify visit dates, year)

## Not eligible for accreditation

* + Eligible but not applied

**PART B- Program Information**

**B1. Name of the Program : UG- B.Tech in Computer Science and Engineering**

**B2. Faculty Information and Contributions**

Please provide the list of faculty in the department according to the below format as **Appendix I**

**List of Faculty in the department is given Appendix I**

**B.2.1. Student Faculty Ratio (No of Faculty as per the sanctioned intake):-**

*(To be calculated at Department Level)*

No. of UG Programs in the Department(n):**3**

No. of PG Programs in the Department (m):**1**

No. of Students in UG 2nd Year = **u1.1**

No. of Students in UG 3rd Year = **u1.2**

No. of Students in UG 4th Year = **u1.3**

No. of Students in PG 1st Year = **p1.1**

No. of Students in PG 2nd Year = **p1.2**

## No. of Students = Sanctioned Intake + Actual admitted lateral entry students

(The above data to be provided considering all the UG and PG programs of the department)

**S=**Number of Students in the Department = UG1 + UG2 +UG3 + PG1 + PG2

**F** = Total Number of Faculty Members in the Department (excluding first year faculty)

**Student Faculty Ratio (SFR) = S / F**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **CAY**  **(2020-21)** | **CAY m1**  **(2019-20)** | **CAY m2**  **(2018-19)** |
| **UG 1:** | | | |
| **u1.1** | 120+12=132 | 120+14=134 | 120+06=126 |
| **u1.2** | 120+13=133 | 120+06=126 | 120+04=124 |
| **u1.3** | 120+06=126 | 120+04=124 | 120+04=124 |
| **Total Students** | 132+133+126=391 | 134+126+124=384 | 126+124+124=374 |
| **PG 1:** | | | |
| **p1.1** | 12 | 24 | 24 |
| **p1.2** | 24 | 24 | 24 |
| **Total students** | 12+24= 36 | 24+24= 48 | 24+24= 48 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **CAY**  **(2020-21)** | **CAY m1**  **(2019-20)** | **CAY m2**  **(2018-19)** |
| Total No. of Students in the Department **(S)** | 427 | 432 | 422 |
| No. of Faculty in the Department **(F)** | 26 | 24 | 25 |
| Student Faculty Ratio (SFR) | SFR1=427/26= 16.42 | SFR1=432/25=18 | SFR1=422/24=16.88 |
| **Average SFR** | SFR = (16.42+18+16.88)/3 = **17.1** | | |

**B2.2. Faculty Details of the Department (UG+PG):**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Designation** | **CAY m1**  **(2019-20)** | | | **CAY**  **(2020-21)** | | |
| **With PhD.** | | **Without PhD** | **With PhD.** | | **Without PhD** |
| **Regular** | **Contractual** | **Regular** | **Contractual** |
| **a.** | **Professors** | 2 |  |  | 2 |  |  |
| **b.** | **Associate Professors** | 2 |  |  | 4 |  |  |
| **c.** | **Assistant Professors** |  |  | 20 |  |  | 20 |
| **d.** | **Total number of Faculty in**  **Department**  **(UG+PG)** | **24** | | | **26** | | |

## B2.3. Faculty Cadre Proportion

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = 1/9 x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per B2.1

F2: Number of Associate Professors required = 2/9 x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as perB2.1

F3: Number of Assistant Professors required = 6/9 x Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as perB2.1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Professors** | | **Associate Professors** | | **Assistant Professors** | |
| **Required F1** | **Available F1** | **Required F2** | **Available F2** | **Required**  **F3** | **Available F3** |
| **CAY**  **(2020-21)** | 2.37 | 2 | 4.74 | 4 | 14.23 | 20 |
| **CAYm1**  **(2019-20)** | 2.4 | 2 | 4.8 | 2 | 14.4 | 20 |
| **CAYm2**  **(2018-19)** | 2.34 | 1 | 4.68 | 1 | 14.04 | 23 |
| **Average Numbers** | **RF1=2.37** | **AF1=1.66** | **RF2=4.74** | **AF2=2.33** | **RF3=14.22** | **AF3=21** |

***Table B.5.2: Faculty cadre ratio***

**B2.4. Faculty as participants in Faculty development/training activities/STTPs**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Faculty** | **Details of the participation Faculty development/training activities/STTPs)** | | |
| **CAYm1**  **(2019-20)** | **CAYm2**  **(2018-19)** | **CAYm3**  **(2017-18)** |
| Dr. T. Hitendra Sarma | 5 | 0 | 5 |
| Dr. B. Lakshmi Narayana Reddy | 5 | 7 | 5 |
| Dr. G. K. Venkata Narasimha Reddy | 5 | 0 | 0 |
| Dr. M. Ranjith Reddy | 5 | 2 | 3 |
| Mr. M. Narasimhulu | 5 | 5 | 3 |
| Mr. T. Venkata Naga Jayudu | 5 | 5 | 5 |
| Mr. G. Hemanth Kumar Yadav | 5 | 5 | 5 |
| Mr. K. Jagan Mohan Reddy | - | 0 | 0 |
| Mr. P. Praneel Kumar | - | - | 5 |
| Mr. M. Mallikarjuna | - | - | 0 |
| Mr. L. Suman | 5 | 5 | 3 |
| Mr. P. Veera Prakash | 5 | 5 | 5 |
| Mr. G. Chinna Pullaiah | 5 | 5 | 3 |
| Mrs. S. L. Sailaja | 5 | 5 | 5 |
| Mrs. P. Shabana | - | 0 | 5 |
| Ms. C. Rekha | - | 0 | 5 |
| Mr. P. Seshasaina Reddy | 0 | 0 | 3 |
| Mr. Y. Ramesh | - | 5 | 0 |
| Mr. C. Sudheer Kumar | 5 | 5 | 5 |
| Smt. J. Padmavathi | - | - | 0 |
| Mrs. T. Kavitha | 5 | 0 | 3 |
| Mrs. M. Madhavi | 0 | 0 | 0 |
| Mrs. P. Manasa | - | - | 0 |
| Mrs. M. Soumya | 5 | 5 | 5 |
| Ms. M. Hemalatha | - | - | 0 |
| Mr. B. Sreedhar | 5 | 0 | 3 |
| Ms. G. Shabana | - | 0 | 3 |
| Mr. K. Varun Kumar Reddy | 5 | 0 | 3 |
| Mr. A. Balaankana | 0 | 0 | 0 |
| Mr. B. Nanda Kiran Reddy | 0 | 0 | 0 |
| Ms. K. Hemalatha | 5 | 5 | - |
| Ms. B. Sujana | 5 | 5 | - |
| Mr. R. Sandeep Kumar | 5 | 7 | - |
| Mr. T. Murali Krishna | 5 | - | - |
| Mr. P. Chitralingappa | 5 | - | - |
| Dr. C. Sasikala | 5 | - | - |
| Mrs. K. Sudhakumari | 5 | - | - |

**B2.5. Research and Development**

| **S. No.** | **Name of the faculty** | **Academic Research** | | | |
| --- | --- | --- | --- | --- | --- |
| **Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.** | | **Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute** | |
| **As provided in SAR** | **After evaluation (till the date of compliance report)** | **As provided in SAR** | **After evaluation (till the date of compliance report)** |
| **1** | Dr. T. Hitendra Sarma | Publications: 2 | Publications : 1  International Conference @ Kualalumpur: 1 | 3 | Guidance to Research Scholar: 1 |
| **2** | Dr. B. Lakshmi Narayana Reddy | 3 | Publications : 2 |  |  |
| **3** | Dr. G. K. Venkata Narasimha Reddy | 6 | Publications : 3 |  |  |
| **4** | Dr. M. Ranjit Reddy | 4 | Publications : 2 |  | Awarded PhD. July,2019 |
| **5** | Mr. M. Narasimhulu |  |  |  |  |
| **6** | Mr. T. Venkata Naga Jayudu |  | Publications : 1  Reviewed Manuscript: 1 |  |  |
| **7** | Mr. G. Hemanth Kumar Yadav | 1 |  |  |  |
| **8** | Mr. K. Jagan Mohan Reddy |  |  |  |  |
| **9** | Mr. P. Praneel Kumar | 4 |  |  |  |
| **10** | Mr. M. Mallikarjuna |  |  |  |  |
| **11** | Mr. L. Suman |  | Publications : 1  National Conference: 1 |  |  |
| **12** | Mr. P. Veera Prakash | 2 | Publications : 1 |  |  |
| **13** | Mr. G. Chinna Pullaiah |  | Publications : 1 |  |  |
| **14** | Mrs. S. L. Sailaja | 1 |  |  |  |
| **15** | Mrs. P. Shabana | 1 |  |  |  |
| **16** | Ms. C. Rekha |  |  |  |  |
| **17** | Mr. P. Seshasaina Reddy |  |  |  |  |
| **18** | Mr. Y. Ramesh |  |  |  |  |
| **19** | Mr. C. Sudheer Kumar |  | Publications : 2 |  |  |
| **20** | Smt. J. Padmavathi |  |  |  |  |
| **21** | Mrs. T. Kavitha |  |  |  |  |
| **22** | Mrs. M. Madhavi |  |  |  |  |
| **23** | Mrs. P. Manasa |  |  |  |  |
| **24** | Mrs. M. Soumya |  | Publications : 1 |  |  |
| **25** | Ms. M. Hemalatha |  |  |  |  |
| **26** | Mr. B. Sreedhar |  | Publications : 1 |  |  |
| **27** | Ms. G. Shabana |  |  |  |  |
| **28** | Mr. K. Varun Kumar Reddy |  |  |  |  |
| **29** | Mr. A. Balaankana |  |  |  |  |
| **30** | Mr. B. Nanda Kiran Reddy |  |  |  |  |
| **31** | Ms. K. Hemalatha |  |  |  |  |
| **32** | Ms. B. Sujana |  | National Conference: 1 |  |  |
| **33** | Mr. R. Sandeep Kumar |  |  |  |  |
| **34** | Mr. T. Murali Krishna |  | National Conference: 1 |  |  |
| **35** | Dr. C. Sasikala |  | Publications : 2  Book Chapter : 2 |  |  |
| **36** | Mr. P. Chitralingappa |  | Books : 2 |  | Awarded PhD. Feb,2021 |
| **37** | Mr. K. Kondanna | --- | --- | ---- | --- |
| **38** | Mr. K. Venkatesh | --- | --- | ---- | --- |
| **39.** | Dr. B. Hari Chandana | --- | --- | --- | --- |
| **40** | Ms. K. Sruthi | --- | --- | ---- | --- |
| **41** | Mrs. P. Rohini | --- | --- | ---- | --- |
| **42** | Mr. Y. Mahanandi | --- | --- | ---- | --- |
| **43** | Mr. K. Lokeshnath | --- | --- | ---- | --- |

**Note: List of Publications / Conferences / Books / Book Chapters are given in Appendix-II**

**B2.6. Sponsored Research/Consultancy**

**(B) Details as provided in the SAR previously**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of the Faculty** | **Project Title** | **Project Type**  **Research/Consultancy** | **Funding Agency** | **Amount** | **Duration** |
| Dr. T. Hitendra Sarma | Dimensionality Reduction and Pixel Classification in Hyperspectral Images | Research | SERB – TARE norms | 15 Lakhs | 3 Years  (Sanctioned on November,2018) |

**­­­**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of the**  **the faculty** | **Project**  **Title** | **Project Type**  **Research / Consultancy** | **Funding Agency** | **Amount** | **Duration** |
| Dr. Hitendra Sarma T | Teachers Associate ship for Research Excellence (TARE) – (Electrical Electronics & Computer Engineering) | Research | Science & Engineering Research Board (SERB) | 18,30,000 INR | 36 Months |
| Dr. Lakshmi Narayana Reddy Boreddy | Cyber Security and Block Chain Technology | Faculty Development Programme (Plan) | AICTE under AQIS | 4,50,333 INR | During 2020-’21.  (Sanctioned under AQIS 2019-20 during 2020-21) |

**(II) Details after evaluation (till the date of Compliance Report)**

**B.3. Students’ Performance**

**Student Intake Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item**  **(Information to be provided cumulatively**  **for all the shifts with explicit headings, wherever applicable)** | **CAY**  **(2020-21)** | **CAYm1**  **(2019-20)** | **CAYm2**  **(2018-19)** | **CAYm3**  **(2017-18)** |
| Sanctioned Intake of the program (N) | 120 | 120 | 120 | 120 |
| Total number of students admitted in first year minus number of students migrated to other programs/institutions plus No. of students migrated to this program (N1) | 128 | 128 | 118 | 119 |
| Number of students admitted in 2nd year in the same batch via lateral entry (N2) | --- | 12 | 14 | 6 |
| Separate division students, if applicable (N3) | --- | NIL | NIL | NIL |
| Total Number of students admitted in the Program (N1+N2+N3) | **128** | **140** | **132** | **125** |

## Academic Performance Table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year of Entry** | **N1+N2+N3**  **(As defined Above)** | **Number of students who have successfully graduated** | | | |
| **I Year** | **II Year** | **III Year** | **IV Year** |
| 2020-21 | 128 |  |  |  |  |
| 2019-20 | 140(128+12) | 128+12 |  |  |  |
| 2018-19 | 132(118+14) | 116+14 | 114+13 |  |  |
| 2017-18 | 125(119+6) | 114+6 | 113+6 | 108+6 |  |
| 2016-17 | 124(120+4) | 118+4 | 109+4 | 106+4 | 84 |
| 2015-16 | 118(114+4) | 114+4 | 111+4 | 109+4 | 83 |
| 2014-15 | 113(111+2) | 111+2 | 109+2 | 106+2 | 67 |

**B3.1. Success rate without backlog in stipulated period**

SI=(Numberofstudentswhograduatedfromtheprogramwithoutbackloginthestipulatedperiodofcourse duration)/ (Number of students admitted in the first year of that batch and admitted in 2ndyear via lateral entry and separate division, If applicable)

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **CAYm1**  **2019-20** | **CAYm2**  **2018-19** | **CAYm3**  **2017-18** |
| Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable | 124(120+4) | 118(114+4) | 113(111+2) | |
| Number of students who have graduated without backlogs in the stipulated period | 27 | 38 | 21 | |
| Success Index (SI) | 0.22 | 0.32 | 0.18 | |
| Average SI | **0.24** | | | |

## B3.2. Success rate with backlog in stipulated period of study

SI=(Number of students who graduated from the program with backlog in the stipulated period of course duration)/(Number of students admitted in the first year of that batch and admitted in 2ndyear via lateral entry and separate division, if applicable)

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **CAYm1**  **2019-20** | **CAYm2**  **2018-19** | **CAYm3**  **2017-18** |
| Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable. | 124(120+4) | 118(114+4) | 113(111+2) |
| Number of students who have graduated with backlogs in the stipulated period. | 84 | 83 | 67 |
| Success Index (SI) | 0.67 | 0.70 | 0.59 |
| Average SI | **0.65** | | |

**3.3.First Year Academic Performance**

Academic Performance = ((Mean of 1stYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year.

|  |  |  |  |
| --- | --- | --- | --- |
| **Academic Performance** | **CAYm1**  **2019-20** | **CAYm2**  **2018-19** | **CAYm3**  **2017-18** |
| Mean of CGPA or Mean Percentage of all successful students (X) | 7.72 | 6.57 | 6.30 |
| Total no. of successful students (Y) | 128 | 116 | 114 |
| Total no. of students appeared in the examination (Z) | 128 | 116 | 114 |
| API = x\* (Y/Z) | 7.72 | 6.57 | 6.30 |
| Average API = (AP1 + AP2 + AP3)/3 | **6.86** | | |

## B3.4. Academic Performance in Second Year

**API** = ((Mean of 2ndYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the Third year.

|  |  |  |  |
| --- | --- | --- | --- |
| **Academic Performance** | **CAYm1**  **2019-20** | **CAYm2**  **2018-19** | **CAYm3**  **2017-18** |
| Mean of CGPA or Mean Percentage of all successful students (X) | 6.98 | 6.86 | 6.79 |
| Total no. of successful students (Y) | 127 | 119 | 113 |
| Total no. of students appeared in the examination (Z) | 128 | 120 | 120 |
| API = x\* (Y/Z) | 6.91 | 6.79 | 6.38 |
| Average API = (AP1 + AP2 + AP3)/3 | **6.69** | | |

## B3.5. Academic Performance in Third Year

**API** = ((Mean of 3rdYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year.

|  |  |  |  |
| --- | --- | --- | --- |
| **Academic Performance** | **2019-20**  **CAY** | **2018-19**  **CAYm1** | **2017-18**  **CAYm2** |
| Mean of CGPA or Mean Percentage of all successful students (X) | 6.03 | 6.46 | 6.87 |
| Total no. of successful students (Y) | 116 | 110 | 113 |
| Total no. of students appeared in the examination (Z) | 119 | 112 | 114 |
| API = x\* (Y/Z) | 5.87 | 6.34 | 6.80 |
| Average API = (AP1 + AP2 + AP3)/3 | **6.33** | | |

## B3.6.Placement, Higher Studies and Entrepreneurship

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | ***CAYm1***  ***2019-20*** | ***CAYm2***  ***2018-19*** | **CAYm3**  **2017-18** |
| Total No. of Final Year Students (N) | 84 | 83 | 67 |
| No. of students placed in companies or Government Sector (x) | 77 | 65 | 53 |
| No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y) | 1 | 3 | 4 |
| No. of students turned entrepreneur in engineering/technology (z) | - | - | NIL |
| x + y + z = | 78 | 68 | 57 |
| Placement Index: (x + y + z)/N | 0.92 | 0.81 | 0.85 |
| Average placement= (P1 + P2 + P3 )/3 | **0.86** | | |

**PART C. Criterion wise Compliance Status**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Criterion 1: Vision, Mission and Program Educational Objectives.** | | | | | | | |
| **1.1.** | **State the Vision and Mission of the Department and Institute** | | | | | | |
| A. Availability of statements of the Departments. | | | Vision and Mission statement of department and Institute are too similar and lack consistency | | | **Actions:**   * The Vision and Mission statements of similar category institutions are considered and discussed in a brainstorming session with the staff and students of the department and a draft version of the Vision & Mission statements are prepared. * The draft version of Vision and Mission statements that are prepared in the brainstorming session are presented in the meeting with stakeholders including Management, Alumni, Parents and Employers for necessary modifications. * The updated version of the Vision and Mission statements are presented in the Industry Advisory Board (IAB) meeting of the department, consisting of the stakeholders representing faculty, industry and alumni. Vision and Mission statements are reviewed and modified according to the industry perspective. * The updated version of Vision and Mission statements are presented in Department Advisory Board (DAB) meeting consisting of experts from academia (nominee from university and other reputed institutions), alumni, parents and students.   **Outcomes/Improvements:**  The final version of Vision and Mission statements are approved. |
| B. Appropriateness/Relevance of the statements. | | |
| C. Consistency of the Department statements with the Institute statements. | | |
|  | | |  | | |  |
| **1.5** | **Establish consistency of PEOs with Mission of the Department** | | | | | | |
| 1. Preparation of a matrix of PEOs and elements of Mission statement. | | | Correlation matrix preparation is not based on methods and is  Not Appropriate | | | **Actions:**   * We conducted Brainstorming session for all the Faculty members of the Department on Justification of PEO mapping towards Department Mission elements.   **Outcomes/Improvements:**  Now PEOs are in consistency with the Mission statements of the Department. |
|  | 1. Consistency/justification of correlation parameters   of the above matrix. | | | **Actions:**   * We conducted Brainstorming session for all the Faculty members of the Department on Justification of PEO mapping towards Department Mission elements.   **Outcomes/Improvements:**  All PEOs are mapped with proper Justification. |
| **2.1.1** | **State the process used to identify extent of compliance of the University curriculum for attaining the Program Outcomes(POs) &Program Specific Outcomes(PSOs), mention the identified curricular gaps, if any** | | | | | | |
| 1. Process used to identify extent of compliance of university curriculum for attaining POs &PSOs. | | | Curriculum gaps are not identified at course level  Gap relevance to PO and PSO is inadequate | | | **Actions:**   * Effective gap identification and implementation methods are applied for R15 regulations. * Events are organized in collaboration with industry experts to deliver content beyond syllabus and strengthen weakly mapped POs and PSOs. |
| 1. List the curriculum gaps for the attainment of defined POs &PSOs. | | |
| **2.1.2** | **State the delivery details of the content beyond the syllabus for the attainment of POs &PSOs** | | | | | | |
| 1. Steps taken to get identified gaps included in the curriculum.(e.g. letter to university/BOS). | | | Inappropriate process and mapping of content beyond syllabus with PO’s/PEO’s and Delivery of content beyond syllabus is very limited | | | **Actions**:   * Weakly mapped POs and PSOs are identified and proper plan of action is defined at the beginning of the semester (I & II), every academic year, to fill the gaps and strengthen the weakly mapped POs and PSOs. * In collaboration with industry experts, events are organized to deliver content beyond the syllabus for making students industry ready and provide skill development courses at the campus. (CISCO, AWS, RHCSA, Palo Alto, DXC Technologies) * Various steps taken up by the department to deliver content beyond the syllabus are given in **Appendix III**. |
| 1. Delivery details of content beyond syllabus. | | |
| 1. Mapping of content beyond syllabus with the Pos &PSOs. | | |
| **2.2.1** | **Describe the process followed to improve quality of teaching learning** | | | | | | |
| 1. Adherence to Academic calendar. | | | Ineffective remedial classes and continuous assessment in the Laboratory | | | **Actions:**   * First, we identify students, who secured less than 50% of marks in I internal. For these students, we conduct remedial classes /workshops. * Simple assignments are given to the students on the topic specific to the curriculum to improve their learning skills.   **Outcome/ Improvements**:  There is a standard procedure to encourage weak students. The pass percentage has been improved over the past 3 years. |
| 1. Use of various instructional methods and pedagogical initiatives. | | |
| 1. Methodologies to support weak students and encourage bright students. | | |
| 1. Quality of class room teaching. | | |
| 1. Conduct of Experiments. | | |
| 1. Continuous assessment in the Laboratory. | | |
| 1. Student Feedback of Teaching-Learning process and actions taken. | | |
| **2.2.2** | **Quality of Internal semester Question papers, assignments and Evaluation** | | | | | | |
| 1. Process for Internal semester question paper setting, evaluation and effective process implementation. | | | Quality of assignment and its evaluation is not effective w.r.t CO’s. | | | **Actions:**   * The students are encouraged to write assignments though it is not part of the curriculum in order to encourage students to elaborate ideas, create and learn about topics, ideas about a specific content in the curriculum. * Implemented Evaluation of assignments as CAA -1 and CAA-2 for R19 regulation. Each CAA-1 and CAA-2 are evaluated for 5 marks which will be considered for the Internal Marks for the respective subject.   **Outcome/ Improvements**:  Pass Percentage has been improved for R19 regulation 2019-20 (78.91%) compared to 2018-19 (68.5%). |
| 1. Process to ensure questions from outcomes/learning levels perspective. | | |
| 1. Evidence of Cos coverage in class test / mid-term tests. | | |
| 1. Quality of Assignment and its relevance to Cos. | | |
| **2.2.3** | **Quality of student projects** | | | | | | |
| 1. Identification of projects and allocation methodology to Faculty Members . | | No evidence of paper/awards. Low quality of projects and their assessment is weak. | | **Actions:**   * Workshops related to project development has been conducted for students to understand the Software Project Development cycle. * Students are been encouraged to go for industrial tours and understand the processes followed over there for Project development. * Project Evaluation and Individual, Team Assessment are done based on the Rubrics as defined by the institution.   **Outcome/ Improvements**:  Development of quality projects by students. Two papers have been published by the students in ICACII-2019 and IEEE-HYDCON-Dec, 2020. **(Appendix IV)** | | |
| 1. Types and relevance of   The projects and their  contribution towards  attainment of POs and  PSOs. | |
| 1. Process for monitoring and evaluation. | |
| 1. Process to assess individual and team performance. | |
| 1. Quality of completed projects/working prototypes. | |
| 1. Evidences of papers published /Awards received by projects etc. | |
| **2.2.4** | **Initiatives related to industry interaction** | | | | | | |
| 1. Industry supported laboratories. | | No Industry supported laboratories  Less involvement of Industry in course delivery | | **Actions:**  The college has made considerable efforts in bringing about industry involvement in the delivery of courses along with providing practical exposure to the students. In view of this, we have made MoUs with industries for the execution of industry people with the department. (Eduskills, DXC Technologies) | | |
| 1. Industry involvement in the program design and partial delivery of any regular courses for students. | |
| 1. Impact analysis of industry institute interaction and actions taken thereof. | |
| **2.2.5** | **Industrial training/tours for students** | | | | | | |
| 1. Industrial training/tours for students. | In house industrial training  Only 4-5 students are offered internship. | | | | **Actions:**   * The students are encouraged to take up industrial tours/ training through internships though it is not a part of curriculum. * Impact analysis of every Industrial Internship/Summer Training is done by taking feedback from the students participated in the event. * The list of students who have undergone Industrial Internship/Summer Training in various organizations during their semester break over the various academic years. * A sample copy of Impact Analysis of Internship. (**Appendix V)** | |
| 1. Industrial /internship /summer training of more than two weeks and post training Assessment. |
| 1. Impact analysis of industrial training. |
| 1. Student feedback on initiative. |

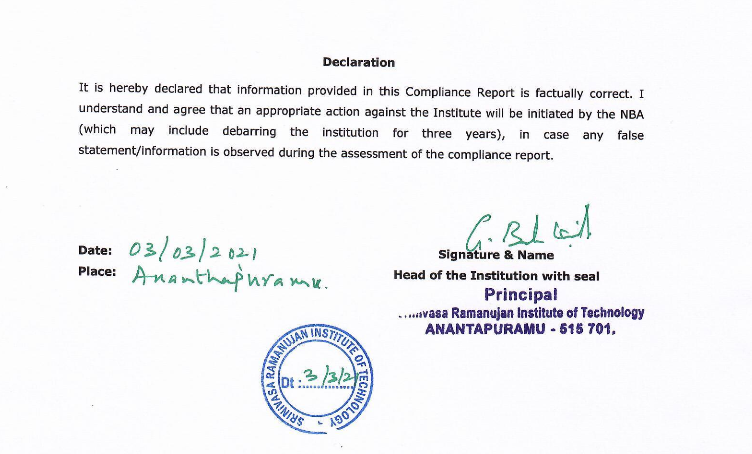
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| **3.1** | **Establish the correlation between the courses and the POs & PSOs** | | |
| **3.1.1** | Course Outcomes | CO’s are defined inappropriately. | **Action:**  We conducted a brainstorming session for all the faculty members regarding writing of course outcomes, CO-PO mapping based on blooms taxonomy.  **Outcomes/Improvements:**   * All course outcomes are written as per Blooms taxonomy. * Course outcomes are written based on syllabus rather than unit wise. |
| **3.1.2** | CO-PO matrices of courses selected in 3.1.1 (six matrices) | CO/PO mapping is poor. |
| **3.1.3** | Program Level Course PO‘s matrix of all the Courses including First Year Courses | Process of preparation of mapping tables is not well defined. |
| **3.2** | **Attainment of Course Outcomes** | | |
| **3.2.1** | Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based. | Weak assessment process and limited tools. | **Action:**  We conducted a brainstorming session for all the faculty members regarding assessment process and tools used. |
| **3.2.2** | Record the attainment of Course Outcomes of all courses with respect to set attainment levels. | Analysis and decision making on attainment level is ineffective. | **Action:**  Attainment levels of COs are changed based on achieved target level as per the set targets.  **Outcomes/Improvements:**  We changed the assessment process tool by changing the CO attainment levels. |
| **3.3** | **Attainment of Program Outcomes and Program Specific Outcomes** | | |
| **3.3.1** | Describe assessment tools and processes used for measuring the  attainment of each of the program outcomes and program specific  outcomes. | Benchmark setting is towards lower side. | **Action:**  We changed the benchmark setting for POs and PSOs. |
| **3.3.2** | Provide results of evaluation of each PO&PSO | Attainment level is ill defined. Indirect assessment of PO attainment is inadequate. | **Action:**  Attainment levels are changed for POs and PSOs.  For indirect assessment we collect information from more number of responses. |

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| **Criterion 4: Student Performance** | | | |
| 4.2.1 | Success Rate without backlogs in any semester/year of study  Without Backlog means no compartment or failures in any semester/year of study | 2012-13(13/126),  2013-14(21/115),  2014-15(21/113)  Avg SI = 0.16 | **Actions:**  First, we identified slow learners based on their internal assessment test marks (who secured less than 50%)  Second, we conducted remedial classes for slow learners. |
| 4.6 | **Professional Activities** | | |
| 4.6.1 | Professional societies/chapters and organizing engineering events | Only IEEE membership at institute level and very limited participation of students. However, the departmental technical association is conducting some events. | **Actions:**   * The department has made a policy to conduct events through professional societies like IEEE, CSI, IE (I). * Second, we are encouraging the students to participate in various technical events and providing guidance through counseling. * Number of events conducted under professional societies has enhanced.   **Outcomes/Improvements:**   * Students’ skills on understanding advanced technologies and coding were improved. * The students’ participation in various technical events has enhanced. |
| 4.6.2 | Publication of technical magazines, newsletters, etc. | Limited Participation by students | **Action:**  The department has made a policy to involve at least two students from each section in the publication of technical magazines and newsletters etc.  **Outcomes/Improvements:**   * Students’ communication and leadership skills are enhanced. * Students’ active Participation has been identified in the Publication of technical magazines, newsletters, etc. |
| 4.6.3 | Participation in inter-institute events by students of the program of study (at other institutions. | Awards and prizes are less and only participation is evident. | **Actions:**   * The department has established a technical committee to monitor and guide by conducting in-house technical presentations to the students. * Second, we are encouraging students to exhibit their working models in the college and other institutional events. |

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| **Criterion 5: Faculty Information and Contribution** | | | |
| **5.5** | **Innovations by the faculty in teaching and learning** | | |
|  | B. The work must be available for peer review critique. | No evidence for peer review and critique.  No evidence for reproducible and development.  Very few evidences are available and that two ineffective. | **Actions:**   * College made a policy that Principal, HODs and senior faculty members to suggest peer experts for each program. * College made a policy to provide financial assistance for peer reviewed experts as per the college norms. * **Outcomes/Improvements:** * We have 3 peer reviewed experts for this program. * The peer reviewed carried by on year basis. |
| C. The work must be reproducible and developed further by other scholars. | **Actions:**   * College made a policy to collect mail ids and details of scholars while accessing e-contents. * **Outcomes/Improvements:** * 360 research scholars/students per year have been utilized e-content material. |
| D. statement of year goals, use of appropriate methods, significance of results, effective presentation and reflective critique | **Actions:**   * College made policy to make follow pedagogical approaches to teach the effectively. * College made a policy to use Google classrooms to conduct assignments & quizzes, collect effective feedback by each faculty members. * College made a policy to effective utilization of YouTube channels which are created or developed by faculty members. * **Outcomes/Improvements:** * All the faculty members have their own YouTube video lectures. * All faculty members able to assess the course overall assessment using Google classroom. |
| 5.7 | Research and Development | | |
| 5.7.1 | Academic Research | | |
|  | 1. Number of Quality Publications in refereed/SCI journals, Citations, books/book chapters etc., | One publication in SCI Journal, 2 Books | **Actions:**   * First, College made a policy to provide financial assistance, who is participating in the standard conferences. * Second, College made a policy to provide incentives for faculty members who make publications/books in standard journals and publishers. * Third, college made a policy to provide workload relaxation to faculty members who are doing good research. * **Outcomes/Improvements:** * Number of refereed/SCI journals is 12 for past three years. * Number of citations is 20 for past three years. * Number of books/book chapter is 3 for past 3 years. |
| 1. PhD Guided/PhD Awarded during the Assessment period while working the institute. | One PhD Awarded and only one Faculty is guiding three students. | **Actions:**   * First, College made a policy to provide ratification to the eligible Ph.D. guides to give guidance for Ph.D. research scholars. * Second, for Ph.D. faculty member provide 30 days academic leaves. * **Outcomes/Improvements:** * One faculty member recently awarded Ph.D. Degree. * 6 faculty members completed their Pre-Ph.D. exams. |
| 5.7.2 | Sponsored Research | | |
|  | Funded Research from Outside: Cumulative during Assessment Years:  Amount > 20 lakhs – 5 Marks.  Amount >= 16 lakhs and <= 20 lakhs – 4 Marks.  Amount >= 12 lakhs and <16 lakhs – 3 Marks.  Amount >= 8 lakhs and < 12 lakhs – 2 Marks.  Amount >= 4 lakhs and < 8 lakhs – 1 Marks.  Amount < 4 lakhs– 0 Marks | No Funds Received towards Sponsored Research. | **Actions:**   * College made a policy to provide 5 % of financial assistance for the faculty members who got the sanctioned research project. * **Outcomes/Improvements:** * Two faculties got the 5% financial support for their sanctioned projects.  1. Faculty Development Programme under AQIS 2019-20 for amount – Rs.450333/- 2. TARE Project for a total cost of Rs.18,30,000/- in the month of November,2018. |
| 5.7.3 | Development Activities | | |
|  | A. Product Development | No Product Development | **Actions:**   * College made a policy to provide financial assistance for those who involved in product development. * **Outcomes/Improvements:** * The development of products has been increased at department level. |
| B. Research Laboratories | No Research laboratories | **Actions:**   * The Institute is encouraging research by allocating funds in establishing research laboratories. * **Outcomes/Improvements:** * College granted funds under department budget to establish industrial IoT Laboratory. * Two faculty members applied AICTE sponsored MORDOBS for establishing Artificial Intelligence laboratories. |
| C. Instructional Materials. | No Instructional Material. | **Actions:**   * The Institute made a policy to publish instructional materials in the college website under E-Content Development Cell. * **Outcomes/Improvements:** * All faculty members published instructional material in the college website for peer-reviewed. |
| D. Working Models/ Charts/ Monograms etc. | Four to five working Models Available. | **Actions:**   * The department is encouraging and guiding the students to develop working models by taking open ended problems. * R&D Cell is providing seed money grants to develop working models. |
| 5.7.4 | Consultancy (from industry) | | |
|  | Consultancy: Cumulative during Assessment Years:  Amount > 10 lakhs – 5 Marks.  Amount >= 8 lakhs and <= 10 lakhs – 4 Marks.  Amount >= 6 lakhs and <8 lakhs – 3 Marks.  Amount >= 4 lakhs and < 6 lakhs – 2 Marks.  Amount >= 2 lakhs and < 4 lakhs – 1 Marks.  Amount < 2 lakhs– 0 Marks | No Consultancy Activity | **Actions:**   * College has tie up with Eduskills , Great Learning, ICT Academy and APSSDC for consultancy activity. |
| 5.8 | Faculty Performance Appraisal and Development System (FPADS) | | |
|  | 1. A well-defined performance Appraisal and Development System instituted for all the Assessment Years. | Implementation is not effective. | **Actions:**   * College introduced self-performance appraisal system. * College made a policy to follow API score for all faculty members. * Faculty members who get less than 60% of API score are identified. * HOD suggests the concerned faculty to take necessary improvements in teaching and learning process. * Incentives are provided to faculty members who are getting API score above 90%. * **Outcomes/Improvements:** * API score improved for all faculty members. * Number of Faculty Members, who get less than 60% of API score, come down. |
| 1. Its Implementation and Effectiveness. |
| 5.9 | Visiting/Adjunct Faculty/Emeritus Faculty etc. | | |
|  | 1. Provision of Visiting/Adjunct/Emeritus Faculty etc. | No Evidence Found | **Actions:**   * The Department has Visiting/Adjunct Faculty. * **Outcomes/Improvements:** * Evidence related to Visiting/Adjunct/Emeritus Faculty is maintained. |
| 1. Minimum 50 hours per year interaction   Per year to obtain 3 Marks: 3x3=9 |

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| **Criterion 6: Facilities and Technical Support** | | | | |
| **6.2 Additional facilities created for improving the quality of learning experience in laboratories** | | | | |
|  | | A. Availability and relevance of additional facilities | Additional facilities created are limited | **Actions:**  Cisco Networking Academy Lab provides an integrated and comprehensive coverage of networking knowledge with practical hands-on experience on CCNA Routing and Switching.  **Outcomes/Improvements:**  100 students have been trained till date.  Details are available in **Appendix VI** |
| B. Facilities utilization and effectiveness |
| C. Relevance to Pos and PSOs |
| **6.4 Project laboratory** | | | | |
|  | Facilities and Utilization | | Limited resources and ineffective utilization | **Actions:**   * The laboratories are enhanced with full fledged resources and allowed the students to utilize the laboratory beyond the college hours.   **Outcomes/Improvements:**   * The utilization of laboratories has been increased. |
| **Criterion 7: Continuous Improvements.** | | | | |
| 7.1 **Actions taken based on the results of evaluation of each of the POs & PSOs** | | | | |
|  | | A. Documentation of POs and PSOs attainment levels. | Ineffective gap identification and implementation | **Action:**   * Effective gap identification and implementation methods are applied for R15 regulations. |
| B. Identification of gaps/shortfalls. |
| C. Plan of action to bridge the gap and its Implementation. |
| **7.2 Academic Audit and actions taken thereof during the period of assessment.** | | | | |
|  | | Assessment shall be based on conduct and action taken in relation to continuous improvement | In-house academic audit is conducted by department faculty and very limited follow up action | **Action:**   * All the faculty members are following actions given by the department audit committee. |
| **7.3 Improvement in Placement, Higher Studies and Entrepreneurship.** | | | | |
|  | | A. Improvements in placements. | Significant improvements are not observed in placement and higher studies. No Entrepreneurs observed | **Action:**   * Average placement index has been reached to 86% by conducting placement activities. * Conducted workshops to encourage young entrepreneurs. |
| B. Improvement in Higher Education. |
| C. Improvement in number of Entrepreneurs. |

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| **S. No.** | **Criteria** | **Observations made by NBA (During the last Accreditation visit)** | **Compliance Status**  **(Action taken by the Institution)** |
| **8.2** | Qualification of Faculty Teaching  First Year Common Courses | Very few PhDs | **Actions Taken:**  Recruited more faculty members with PhD.  **Outcome:**  Total 7 faculty members in the department have PhDs and 5 more faculty members are pursuing their PhDs with reputed Universities. |
| **8.4** | Attainment of Course Outcomes of first year courses | Indirect assessment not done | **Actions Taken:**  First, we conducted brainstorming session for all faculty members on usage of assessment tools to measure CO.  Second, we made a policy to have direct assessment tools and indirect assessment tools to measure CO attainment. |
| **8.4.1** | Describe the assessment process used to gather the data upon which the evaluation of Course Outcomes of first yea is based |
| **8.4.2** | Record of attainment of Course Outcomes of all first year courses |
| **8.5** | Attainment of Program Outcomes of all first year courses | End semester marks are wrongly contributing to all Cos | **Actions Taken:**  First, we had made a policy to adopt JNTUA pattern of 30:70 for CIE and SEE respectively.  Second, action has been taken to make the COs, POs to be effective to evaluate the end semester marks. |
| **8.5.1** | Indicate results of evaluation of each relevant PO/PSO |
| **8.5.2** | Actions taken based on the results of evaluation of relevant PO/PSOs | Actions not linked with attainment | **Actions Taken:**  Necessary actions are taken based on the results of evaluation of relevant PO/PSOs and they are considered while evaluating the attainment of PO/PSOs. |
| **9.7** | Co-curricular and Extra-curricular Activities | No sports facilities for girls | **Actions Taken:**   * First, awareness program had been conducted for girl students on the importance of sports and games. * Sports facilities have been created for girls such as Throw Ball, Tennikoit, Shuttle, carroms…etc.,   **Outcome:**  Girl students had been actively participated and won gold medals in chess, kabaddi, throw ball and taekwondo. |
| **10.3.1** | Adequacy of budget allocation | There is more expenditure than earning for last few years | **Actions Taken:**  First Head of various departments prepare and verify previous years’ budget allocation and utilization and budget requirements for the subsequent financial year and submit it to the Principal.  Second, Principal verifies previous years’ budget allocation and utilization and allocate the budget for the next financial year to have proper planning for expenditure.  (Income for the institution may fluctuate because of uneven release of fee reimbursement from Government.) |
| **10.3.2** | Utilization of allocated funds | Salaries are low and no pay structure is being followed | **Actions Taken:**  Now 6th pay scales are implemented. |
| **10.4.1** | Quality of learning resources (hard/soft) | Students need more library access hours | **Actions Taken:**  Digital Library is provided. Online Video lectures of NPTEL and Delnet are encouraged and had applied for different platforms for accessing the library.  ICT Academy journals also subscribed.  **Outcomes:**  Students are using the library hours apart from their college timings.  Besides this, J-GATE Consortium and other platforms had been accessed by our students. |



**Appendix I: List of Faculty Members**

**Academic Year: 2020-21**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Name** | **PAN No.** | **Qualification** | **Area of Specialization** | **Date of Joining** | **Designation** | **Date on which Designated as**  **Professor/Associate Professor** | **Currently Associated**  **(Y/N)** | **Nature of Association**  **(regular/Contract/Adjunct)** | **If contractual mention Full time or Part time** | **Date of Leaving**  **(In case Currently Associated is “No”)** |
| **1** | Dr. T. Hitendra Sarma | CIQPS0707L | Ph. D | Pattern Recognition | 02/07/2012 | Associate Professor | 02/07/2012 | Y | regular |  |  |
| **2** | Dr. G. K. Venkata Narasimha Reddy | AKSPR9950N | Ph. D | Mobile Adhoc Networks | 01/06/2013 | Professor | 01/08/2014 | Y | regular |  |  |
| **3** | Mr. M. Ranjith Reddy | [ARCPM5582G](http://jntuadap.ac.in/data_update/ACRS/uploaded_images/RANJIT_PAN.jpg) | Ph.D | Data Mining | 24/09/2008 | Professor | 01/08/2020 | Y | regular |  |  |
| **4** | Mr. M. Narasimhulu | AHFPN9403L | M.Tech | CSE | 12/05/2011 | Assistant Professor |  | Y | regular |  |  |
| **5** | Mr. T. Venkata Naga Jayudu | AFCPN3654G | M.Tech | CSE | 19/06/2017 | Assistant Professor |  | Y | regular |  |  |
| **6** | Mr. L. Suman | ACSPL5991M | M.Tech | CSE | 01/07/2010 | Assistant Professor |  | Y | regular |  |  |
| **7** | Mr. P. Veera Prakash | BFEPP7504Q | M.Tech | CSE | 02/12/2010 | Assistant Professor |  | Y | regular |  |  |
| **8** | Mr. G. ChinnaPullaiah | BCYPP5729C | M.Tech | CSE | 01/01/2014 | Assistant Professor |  | Y | regular |  |  |
| **9** | Mrs. S. L. Sailaja | BJGPS3630A | M.Tech | CSE | 03/07/2015 | Assistant Professor |  | Y | regular |  |  |
| **10** | Mr. C. Sudheer Kumar | FJQPS1079R | M.Tech | CSE | 04/01/2014 | Assistant Professor |  | Y | regular |  |  |
| **11** | Mrs. M. Madhavi | BIJPM3818A | M.Tech | CSE | 02/11/2015 | Assistant Professor |  | Y | regular |  |  |
| **12** | Mrs. M. Soumya | BGVPM2175C | M.Tech | CSE | 02/07/2016 | Assistant Professor |  | Y | regular |  |  |
| **13** | Mr. B. Sreedhar | BlWPB3895G | M.Tech | CSE | 02/01/2017 | Assistant Professor |  | Y | regular |  |  |
| **14** | Mr. A. Balaankana | BGKPB8783J | M.Tech | CSE | 09/09/2017 | Assistant Professor |  | Y | regular |  |  |
| **15** | Mr. B. Nanda Kiran Reddy | BVBPB6198M | M.Tech | CSE | 01/01/2018 | Assistant Professor |  | Y | regular |  |  |
| **16** | Mrs. K. Hemalatha | ANYPH1378R | M.Tech | CSE | 15/6/2018 | Assistant Professor |  | Y | regular |  |  |
| **17** | Mr. G. Siva Krishna | DQAPS5424R | M.Tech | CSE | 01/06/2019 | Assistant Professor |  | Y | regular |  |  |
| **18** | Mr. A. Erriswami Reddy | BHGPR5471J | M.Tech | CSE | 01/06/2019 | Assistant Professor |  | Y | regular |  |  |
| **19** | Mrs. K. Sudha Kumari | DRFPS9933D | M.Tech | CSE | 12/06/2019 | Assistant Professor |  | Y | regular |  |  |
| **20** | Dr. C. Sasikala | AMCPC2757Q | Ph.D | CSE | 22/08/2019 | Associate Professor |  | Y | regular |  |  |
| **21** | Mr. T. Murali Krishna | BDRPK8998N | M.Tech | CSE | 16/08/2019 | Assistant Professor |  | Y | regular |  |  |
| **22** | Dr. P. Chitra Lingappa | BMMPP1868A | M.Tech | CSE | 19/08/2019 | Associate Professor | 09/02/2021 | Y | regular |  |  |
| **23** | Mr. K. Kondanna | AUJPK6369B | M.Tech | CSE | 14/08/2020 | Assistant Professor |  | Y | regular |  |  |
| **24** | Ms. K. Sruthi | FRBPS9918C | M.Tech | CSE | 12/08/2020 | Assistant Professor |  | Y | regular |  |  |
| **25** | Mrs. P. Rohini | BRDPP8108H | M.Tech | CSE | 14/08/2020 | Assistant Professor |  | Y | regular |  |  |
| **26** | Dr. B. Hari Chandana | AWPPC2071A | Ph.D | CSE | 10/08/2020 | Associate Professor |  | Y | regular |  |  |
| **27** | Mr. K. Venkatesh | BXFPK4172E | M.Tech | CSE | 12/08/2020 | Assistant Professor |  | Y | regular |  |  |
| **28** | Mrs. V. Sujatha | CVUPS1384Q | M.Tech | CSE | 04/01/2021 | Assistant Professor |  | Y | regular |  |  |
| **29** | Mr. Y. Mahanandi |  | M.Tech | CSE | 17/08/2020 | Assistant Professor |  | Y | regular |  |  |
| **30** | Mr. K. Lokesh Nath | CVWPK3461N | M.Tech | CSE | 17/08/2020 | Assistant Professor |  | Y | regular |  |  |
| **29** | Mr. G. Hemanth Kumar Yadav | ADZPY0804A | M.Tech | CSE | 23/06/2017 | Assistant Professor |  | No |  |  | (24-nov-2019) |
| **30** | Mr. K. Jagan Mohan Reddy | AOWPK6650A | M.Tech | CSE | 14/08/2012 | Assistant Professor |  | No |  |  | (30-jun-2019) |
| **31** | Mr. K. Varun Kumar Reddy | DJWPK6942K | M.Tech | CSE | 21/06/2017 | Assistant Professor |  | No | regular |  | 27-nov-2020) |
| **32** | Mrs. T. Kavitha | DZKPK2020L | M.Tech | CSE | 02/02/2015 | Assistant Professor |  | No | regular |  | (30-nov-2020) |
| **33** | Ms. B. Sujana | FWIPS4180J | M.Tech | CSE | 18/6/2018 | Assistant Professor |  | No | regular |  | (30-nov-2020) |
| **34** | Mr. R. Sandeep Kumar | AROPR7812C | M.Tech | CSE | 18/6/2018 | Assistant Professor |  | No | regular |  | (11-may-2020) |

**Academic Year: 2019-20**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Name** | **PAN No.** | **Qualification** | **Area of Specialization** | **Date of Joining** | **Designation** | **Date on which Designated as**  **Professor/Associate Professor** | **Currently Associated**  **(Y/N)** | **Nature of Association**  **(regular/Contract/Adjunct)** | **If contractual mention Full time or Part time** | **Date of Leaving**  **(In case Currently Associated is “No”)** |
| **1** | Dr. T. HitendraSarma | CIQPS0707L | Ph. D | Pattern Recognition | 02/07/2012 | Associate Professor | 02/07/2012 | Y | regular |  |  |
| **2** | Dr. G. K. Venkata Narasimha Reddy | AKSPR9950N | Ph. D | Mobile Adhoc Networks | 01/06/2013 | Professor | 01/08/2014 | Y | regular |  |  |
| **3** | Mr. M. Ranjith Reddy | [ARCPM5582G](http://jntuadap.ac.in/data_update/ACRS/uploaded_images/RANJIT_PAN.jpg) | M.Tech | Data Mining | 24/09/2008 | Associate Professor | 01/08/2019 | Y | regular |  |  |
| **4** | Mr. M. Narasimhulu | AHFPN9403L | M.Tech | CSE | 12/05/2011 | Assistant Professor |  | Y | regular |  |  |
| **5** | Mr. T. Venkata Naga Jayudu | AFCPN3654G | M.Tech | CSE | 19/06/2017 | Assistant Professor |  | Y | regular |  |  |
| **6** | Mr. G. Hemanth Kumar Yadav | ADZPY0804A | M.Tech | CSE | 23/06/2017 | Assistant Professor |  | Y | regular |  |  |
| **7** | Mr. L. Suman | ACSPL5991M | M.Tech | CSE | 01/07/2010 | Assistant Professor |  | Y | regular |  |  |
| **8** | Mr. P. Veera Prakash | BFEPP7504Q | M.Tech | CSE | 02/12/2010 | Assistant Professor |  | Y | regular |  |  |
| **9** | Mr. G. ChinnaPullaiah | BCYPP5729C | M.Tech | CSE | 01/01/2014 | Assistant Professor |  | Y | regular |  |  |
| **10** | Mrs. S. L. Sailaja | BJGPS3630A | M.Tech | CSE | 03/07/2015 | Assistant Professor |  | Y | regular |  |  |
| **11** | Mr. C. Sudheer Kumar | FJQPS1079R | M.Tech | CSE | 04/01/2014 | Assistant Professor |  | Y | regular |  |  |
| **12** | Mrs. T. Kavitha | DZKPK2020L | M.Tech | CSE | 02/02/2015 | Assistant Professor |  | Y | regular |  |  |
| **13** | Mrs. M. Madhavi | BIJPM3818A | M.Tech | CSE | 02/11/2015 | Assistant Professor |  | Y | regular |  |  |
| **14** | Mrs. M. Soumya | BGVPM2175C | M.Tech | CSE | 02/07/2016 | Assistant Professor |  | Y | regular |  |  |
| **15** | Mr. B. Sreedhar | BlWPB3895G | M.Tech | CSE | 02/01/2017 | Assistant Professor |  | Y | regular |  |  |
| **16** | Mr. K. Varun Kumar Reddy | DJWPK6942K | M.Tech | CSE | 21/06/2017 | Assistant Professor |  | Y | regular |  |  |
| **17** | Mr. A. Balaankana | BGKPB8783J | M.Tech | CSE | 09/09/2017 | Assistant Professor |  | Y | regular |  |  |
| **18** | Mr. B. Nanda Kiran Reddy | BVBPB6198M | M.Tech | CSE | 01/01/2018 | Assistant Professor |  | Y | regular |  |  |
| **19** | Ms. K. Hemalatha | ANYPH1378R | M.Tech | CSE | 15/6/2018 | Assistant Professor |  | Y | regular |  |  |
| **20** | Ms. B. Sujana | FWIPS4180J | M.Tech | CSE | 18/6/2018 | Assistant Professor |  | Y | regular |  |  |
| **21** | Mr. R. Sandeep Kumar | AROPR7812C | M.Tech | CSE | 18/6/2018 | Assistant Professor |  | Y | regular |  |  |
| **22** | Mr. G. Siva Krishna | DQAPS5424R | M.Tech | CSE | 1/06/2019 | Assistant Professor |  | Y | regular |  |  |
| **23** | Mr. A. Erriswami Reddy | BHGPR5471J | M.Tech | CSE | 1/06/2019 | Assistant Professor |  | Y | regular |  |  |
| **24** | Mrs. K. Sudha Kumari | DRFPS9933D | M.Tech) | CSE | 12/06/2019 | Assistant Professor |  | Y | regular |  |  |
| **25** | Dr. C. Sasikala | AMCPC2757Q | Ph.D | CSE | 22/08/2019 | Associate Professor |  | Y | regular |  |  |
| **26** | Mr. T. Murali Krishna | BDRPK8998N | M.Tech(PhD) | CSE | 16/08/2019 | Assistant Professor |  | Y | regular |  |  |
| **27** | Mr. P. Chitralingappa | BMMPP1868A | M.Tech(Ph.D) | CSE | 19/08/2019 | Assistant Professor |  | Y | regular |  |  |
| **28** | Dr. B. Lakshmi Narayana Reddy | AORPB5696N | Ph. D |  | 19/12/2016 | Professor | 05/08/2016 | No | regular |  | ( 22-jan-2020) |
| **29** | Mrs. P. Shabana | DYXPS2669B | M.Tech | CSE | 01/11/2012 | Assistant Professor |  | No |  |  | (13-may-2019 ) |
| **30** | Ms. C. Rekha | BLDPR4201F | M.Tech | CSE | 01/11/2012 | Assistant Professor |  | No |  |  | (31-dec-2019) |
| **31** | Mr. Y. Ramesh | BMNPR1515B | M.Tech | CSE | 01/07/2013 | Assistant Professor |  | No |  |  | (27-sep-2019) |
| **32** | Mr. K. Jagan Mohan Reddy | AOWPK6650A | M.Tech | CSE | 14/08/2012 | Assistant Professor |  | No |  |  | (30-jun-2019) |
| **33** | Ms. G. Shabana | FTHPS2812D | M.Tech | CSE | 21/06/2017 | Assistant Professor |  | No |  |  | (31-may-2019) |
| **34** | Mr. P. Seshasaina Reddy | ARVPR6441C | M.Tech | CSE | 01/11/2012 | Assistant Professor |  | No |  |  | (15-jun-2019) |

**Academic Year: 2018-19**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Name** | **PAN No.** | **Qualification** | **Area of Specialization** | **Date of Joining** | **Designation** | **Date on which Designated as**  **Professor/Associate Professor** | **Currently Associated**  **(Y/N)** | **Nature of Association**  **(regular/Contract/Adjunct)** | | **If contractual mention Full time or Part time** | **Date of Leaving**  **(In case Currently Associated is “No”)** | |
| **1** | Dr. T. HitendraSarma | CIQPS0707L | Ph. D | Pattern Recognition | 02/07/2012 | Associate Professor | 02/07/2012 | Y | regular |  | | |  | |
| **2** | Dr. B. Lakshmi Narayana Reddy | AORPB5696N | Ph. D | Mobile Adhoc Networks | 19/12/2016 | Professor | 05/08/2016 | Y | regular |  | | |  | |
| **3** | Mr. M. Ranjith Reddy | [ARCPM5582G](http://jntuadap.ac.in/data_update/ACRS/uploaded_images/RANJIT_PAN.jpg) | M.Tech | Data Mining | 24/09/2008 | Assistant Professor |  | Y | regular |  | | |  | |
| **4** | Mr. M. Narasimhulu | AHFPN9403L | M.Tech | CSE | 12/05/2011 | Assistant Professor |  | Y | regular |  | | |  | |
| **5** | Mr. T. Venkata Naga Jayudu | AFCPN3654G | M.Tech | CSE | 19/06/2017 | Assistant Professor |  | Y | regular |  | | |  | |
| **6** | Mr. G. Hemanth Kumar Yadav | ADZPY0804A | M.Tech | CSE | 23/06/2017 | Assistant Professor |  | Y | regular |  | | |  | |
| **7** | Mr. K. Jagan Mohan Reddy | AOWPK6650A | M.Tech | CSE | 14/08/2012 | Assistant Professor |  | Y | regular |  | | |  | |
| **8** | Mr. L. Suman | ACSPL5991M | M.Tech | CSE | 01/07/2010 | Assistant Professor |  | Y | regular |  | | |  | |
| **9** | Mr. P. Veera Prakash | BFEPP7504Q | M.Tech | CSE | 02/12/2010 | Assistant Professor |  | Y | regular |  | | |  | |
| **10** | Mr. G. ChinnaPullaiah | BCYPP5729C | M.Tech | CSE | 01/01/2014 | Assistant Professor |  | Y | regular |  | | |  | |
| **11** | Mrs. S. L. Sailaja | BJGPS3630A | M.Tech | CSE | 03/07/2015 | Assistant Professor |  | Y | regular |  | | |  | |
| **12** | Mrs. P. Shabana | DYXPS2669B | M.Tech | CSE | 01/11/2012 | Assistant Professor |  | Y | regular |  | | | (31-may-2019) | |
| **13** | Ms. C. Rekha | BLDPR4201F | M.Tech | CSE | 02/08/2012 | Assistant Professor |  | Y | regular |  | | |  | |
| **14** | Mr. P. Seshasaina Reddy | ARVPR6441C | M.Tech | CSE | 01/11/2012 | Assistant Professor |  | Y | regular |  | | | (15-jun-2019) | |
| **15** | Mr. Y. Ramesh | BMNPR1515B | M.Tech | CSE | 01/07/2013 | Assistant Professor |  | Y | regular |  | | |  | |
| **16** | Mr. C. Sudheer Kumar | FJQPS1079R | M.Tech | CSE | 04/01/2014 | Assistant Professor |  | Y | regular |  | | |  | |
| **17** | Mrs. T. Kavitha | DZKPK2020L | M.Tech | CSE | 02/02/2015 | Assistant Professor |  | Y | regular |  | | |  | |
| **18** | Mrs. M. Madhavi | BIJPM3818A | M.Tech | CSE | 02/11/2015 | Assistant Professor |  | Y | regular |  | | |  | |
| **19** | Mrs. M. Soumya | BGVPM2175C | M.Tech | CSE | 02/07/2016 | Assistant Professor |  | Y | regular |  | | |  | |
| **20** | Mr. B. Sreedhar | BlWPB3895G | M.Tech | CSE | 02/01/2017 | Assistant Professor |  | Y | regular |  | | |  | |
| **21** | Ms. G. Shabana | FTHPS2812D | M.Tech | CSE | 21/06/2017 | Assistant Professor |  | Y | regular |  | | | (31-may-2019) | |
| **22** | Mr. K. Varun Kumar Reddy | DJWPK6942K | M.Tech | CSE | 21/06/2017 | Assistant Professor |  | Y | regular |  | | |  | |
| **23** | Mr. A. Balaankana | BGKPB8783J | M.Tech | CSE | 09/09/2017 | Assistant Professor |  | Y | regular |  | | |  | |
| **24** | Mr. B. Nanda Kiran Reddy | BVBPB6198M | M.Tech | CSE | 01/01/2018 | Assistant Professor |  | Y | regular |  | | |  | |
| **25** | Ms. K. Hemalatha | ANYPH1378R | M.Tech | CSE | 15/6/2018 | Assistant Professor |  | Y | regular |  | | |  | |
| **26** | Ms. B. Sujana | FWIPS4180J | M.Tech | CSE | 18/6/2018 | Assistant Professor |  | Y | regular |  | | |  | |
| **27** | Mr. R. Sandeep Kumar | AROPR7812C | M.Tech | CSE | 18/6/2018 | Assistant Professor |  | Y | regular |  | | |  | |
| **28** | Ms. M. Hemalatha |  | M.Tech | CSE | 02/01/2017 | Assistant Professor |  | No |  |  | | |  | |
| **32** | Mr. M. Mallikarjuna |  | M.Tech(Ph.D) | CSE |  | Assistant Professor |  | No |  |  | | |  | |
| **29** | Smt. J. Padmavathi |  | M.Tech | CSE |  | Assistant Professor |  | No |  |  | | | 30-April-2019 | |
| **30** | Mrs. P. Manasa |  | M.Tech | CSE | 22-06-2016 | Assistant Professor |  | No |  |  | | | 31-dec-2018 | |
| **31** | Dr. G. K. Venkata Narasimha Reddy | AKSPR9950N | Ph. D |  | 01/06/2013 | Professor | 01/08/2014 | Y | regular |  | | |  | |

**Appendix – II: Details of Publications**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Faculty** | **Title of the Research Paper** | **Journal / Conference / Book / Book Chapter** | **Published on** |
| Dr. G. K. V. Narasimha Reddy | An Efficient Cryptographic Mechanism  to Defend Collaborative Attack  Against DSR Protocol in Mobile  Ad hoc Networks | Springer Nature Singapore Pte Ltd.  <https://doi.org/10.1007/978-981-13-1742-2_3> | 2019 |
| Mrs. M.Soumya | Protecting Big Data Mining Association Rules using Fuzzy System | TELKOMNIKA, Vol 17, No.6 | December, 2019 |
| Dr. G. K.Venkata Narasimha Reddy, | Integrating Wireless Sensor Networks with Cloud Computing | ISSN: 2278-3075 | October, 2019 |
| Dr. B. Lakshmi Narayana Reddy | Integrating Wireless Sensor Networks with Cloud Computing | ISSN: 2278-3075 | October, 2019 |
| Mr. P. Veera Prakash, | Integrating Wireless Sensor Networks with Cloud Computing | ISSN: 2278-3075 | October, 2019 |
| Dr. T. Hitendra Sarma | A Prototype based hybrid Approach to speed-up kernel FCM-K | ICECIE 2019 International Conference on Electrical, Control and Instrumentation Engineering held at hotel stripes,Kuala Lumpur,Malaysia | 25-12-2019 |
| Dr.T.Hitendra Sarma | A Prototype based hybrid Approach to speed-up kernel FCM-K | Scopus and Web of Science | 2019 |
| Dr. M. Ranjit Reddy | A Secured Framework to Protect Associate Rules in the Big Data Environment using Fuzzy Logic | International Information and Engineering Technology Association (IIETA) | 2019 |
| Dr.G.K.V.Narasimha Reddy | Powering the Next Billion Devices with Iot Security | International Journal of Innovative Technology and Exploring Engineering(IJITEE) - (ISSN:2278-3075). | November 2019 |
| Dr.B.Lakshmi Narayana Reddy | A Novel Implementation of information Security Policy Modeling for enterprise Networks | International Journal of Advanced Science &Technology (ISSN:2005-4238 IJAST). | December,2019 |
| Dr. M. Ranjit Reddy | Recognition of Different Voice Pathologies with Data Augmentation Strategies | (ISSN: 2005-4238)” in IJAST, Vol.29, No. 7s (2020) pp 899-905. | 2020 |
| Mr.T.Venkata Naga Jayudu | Design & Development of Efficient IOT based Machine Learning Model to monitor Shrimp Aquaculture | International Journal with Vol.29, No.9s, 2020, PP.7228-7235. | April, 2020 |
| Mr. G. Chinna Pullaiah | Character recognition on old copper transcripts using complex deep learning strategies | international journal of advanced science and technology with Vol.29, No.8S, 2020, PP.2760-27-69. | April, 2020 |
| Mr. L. Suman | Character recognition on old copper transcripts using complex deep learning strategies | international journal of advanced science and technology with Vol.29, No.8S, 2020, PP.2760-27-69. | April, 2020 |
| Mr.C.Sudheer Kumar | Character recognition on old copper transcripts using complex deep learning strategies | international journal of advanced science and technology with Vol.29, No.8S, 2020, PP.2760-27-69. | April, 2020 |
| Mr.T. Naga Jayudu | Wireless sensor systems (As a Reviewer) | IET | 2020 |
| Mr.T.Murali Krishna | Machine Learning Approach for E-Mail spam filtering | Recent Advancements in information Technology” at QIS college of Engineering Technology, Ongole | 18-03-2020. |
| Mr.L.Suman | Machine Learning Approach for E-Mail spam filtering | Recent Advancements in information Technology” at QIS college of Engineering Technology, Ongole | 18-03-2020. |
| Ms.Sujana Bachu | Machine Learning Approach for E-Mail spam filtering | Recent Advancements in information Technology” at QIS college of Engineering Technology, Ongole | 18-03-2020 |
| Mr. Sudheer Kumar | Improved Ids To Prevent Online Cyber Pirates Attacks On Web-Based Applications | Iinternational journal of advanced science and technology **(IJAST)** with Vol.63, Issue:5, | 2020 |
| Dr.C. Sasikala | Certificateless batch verification protocol to ensure data integrity in multi-cloud using lattices | International journal Internet Protocol Technology(IJIPT), Vol. 12, Issue No:4. | 2019 |
| Dr.C. Sasikala | Performance of Different Hadoop Clusters with Map Reducing Techniques | International Journal of Advanced Science and Technology, Vol. 29, No. 7s, (2020), pp. 890-898. | 2020 |
| Dr. C.Sasikala | Security in Ubiquitous Computing Environment: Vulnerabilities, Attacks and Defenses | Book Chapter (Springer Nature Switzerland) | 2019 |
| Dr. C.Sasikala | The Challenges, Technologies and Role of Fog Computing in the Context of Industrial Internet of Things, to "Innovations in the Industrial Internet of Things (IIoT) and Smart Factory". | Book Chapter | 2020 |
| Mr.P. Chitralingappa | Trending Software Tools for Business Analytics in a nutshell, Volume – I | ISBN-13: 978-9390025282 under the BUUKS publisher, 1st Edition | 2020 |
| Mr.P. Chitralingappa, | Trending Software Tools for Business Analytics in a nutshell, Volume – II | ISBN-13: 978-9390025473under the BUUKS publisher, 1st Edition | 2020 |

**Appendix III : Delivery details of content beyond syllabus & Mapping of Content beyond Syllabus**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the institution/ industry/ corporate house** | **Month and Year of signing MoU** | **Duration** | **List of activities under each MOU** | **Number of students/teachers who benefitted from MoUs** |
| **1** | TCS IT EMPLOYABILITY | November, 2016 | November 2016 to Till Date | Student Training | 32 (2019-2020) |
| **2** | APSSDC | April,2018 | April 2018 to Till date | Student Training | 60 |
| **3** | ePam | 2020 |  | Student Training | 19 |
| **4** | CISCO-CCNA (Eduskills Academy) | June, 2020 | June, 2020 to till date | Student & Faculty Training | 819(2019-20)  538(2020-21) |
| **5** | AWS – Amazon Web Services | June, 2020 | June, 2020 to till date | Student & Faculty Training | 94 (2020-2021) |
| **6** | BluPrism – RPA | May,2020 | May 2020 to Till date | Student & Faculty Training | 2 |
| **7** | RHCSA | June, 2020 | June, 2020 to till date | Student & Faculty Training | 2 |
| **8** | Palo Alto Networks Academy | August, 2020 | August, 2020 to till date | Student & Faculty Training | 1 |
| **9** | L4G-C4C Response Program | April-2020 | April-2020 to September 2020 | Online Certifications  (Students & Faculty) | 1031 (Institutional Level) |
| **10** | DXC Technologies- ICT Academy | JAN-2020 | Yet to be started | Online Training | 102 |

**Appendix-IV : Publications related to Student Projects:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Name of the Students** | **Title** | **Type**  **National/**  **International** | **Conference/**  **Workshop/**  **Journal** | **Academic Year** |
| 1 | Syam Kakarla  PriyaranjanGangula  C.SaiCharan Singh | Smart Attendance Management System Based on  Face Recognition Using CNN | International | Conference | Dec, 2020 |
| 2 | Syam Kakarla  PriyaranjanGangula  C.SaiCharan Singh | Dimensionality Reduction  in Hyperspectral Images Using  Auto-encoders | International | Conference | Dec, 2019 |

**Appendix V: Industrial Tours and Internships.**

**Industrial Tours**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **Name of the Organization** | **Academic Year** | **Total No. of Students** |
| 1 | TCS, Hyderabad | 2019-2020 | 30 |
| 2 | TCS, Bangalore | 2018-2019 | 44 |

**Internships**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SNO** | **STUDENT NAME** | **INTERNSHIP TITLE** | **COMPANY** | **SOURSE** | **DATE** |
|  | Chandu Siddartha | Intern(Technical Content Writer) | GeeksforGeeks | Internship | 26-12-2018 |
|  | Chandu Siddartha |  | Spulla | Internship | 08-02-2018 |
|  | Sheik | ISP | Scholiverse Educare PVT LTD | **Internshala** | 28-08-2019 |
|  | S.Khathijatulkubra | Campus Ambassador | Entrepreneurship Cell(IIT Kanpur) | **Internshala** | 11-06-2019 |
|  | S.Khathijatulkubra | Campus Ambassador | Casio India Private Limited | **Internshala** | 06-06-2019 |
|  | Jyothirmai Tikkappagari | Content Writing | IASBanu.com | **Internshala** | 24-12-2019 |
|  | Jyothirmai Tikkappagari | Content Writing | EngiLife | **Internshala** | 18-09-2019 |
|  | A Bhavya Sree | Smart India Hackathon 2019 |  |  | 02-03-2019 to 03-03-2019 |
|  | D Venu Madhav | Real Time projects | Exposys Data Labs | internship | 09-12-2019 TO  09-01-2020 |
|  | Chennaka Niranjan | Real Time projects | Exposys Data Labs | internship | 09-12-2019 TO  09-01-2020 |
|  | J Poojitha | Smart India Hackathon 2019 |  |  | 02-03-2019 to 03-03-2019 |
|  | M Lakshmi Jyoshna | Smart India Hackathon 2019 |  |  | 02-03-2019 to 03-03-2019 |
|  | Sheik Khathijatulkubra | Promotional Activity tasks | Casio India |  | 01-08-2019 to 30-09-2019 |
|  | Devarapalli Ajith | Social Media Marketing | DU post | Internship | 10-10-2019 to 10-11-2019 |
|  | Afifa Shaik | Social Media Marketing | The Crazy Partner | **Internshala** | 1-07-2020 |
|  | Afifa Shaik | Campus Ambassador | Career360 | **Internshala** | 21-05-2020 |
|  | Afifa Shaik | Campus Ambassador | Springfield Olympiads | **Internshala** | 11-07-2020 |
|  | Arshiya Anjum | Campus Ambassador | Review Me Up | **Internshala** | 31-07-2020 |
|  | Arshiya Anjum | Campus Ambassador | International Model United Nations | **Internshala** | 17-08-2020 |
|  | Arshiya Anjum | Campus Ambassador | Abhyuday IIT Bombay | **Internshala** | 7-08-2020 |
|  | Arshiya Anjum | Campus Ambassador | Career 360 | **Internshala** | 4-08-2020 |
|  | Firdouse Begam Mehathar | Campus Ambassador | Career 360 | **Internshala** | 11-08-2020 |
|  | Firdouse Begam Mehathar | Campus Ambassador | CollegeDunia Web Private Limited | **Internshala** | 24-08-2020 |
|  | Ayesha Minaz.S | Content Writing(Open Position-2000) | Team Everest | **Internshala** | 23-12-2020 |
|  | D Venu Madhav | Applied AI | Exposys Data Labs | One day Workshop | 07-02-2020 |
|  | Devarapalli Ajith | Campus Ambassador | Scholiverse Educare PVT LTD | **Internshala** | 16-03-2020 |
|  | Devarapalli Ajith | Build a simple app in android studio with java | Coursera |  | 09-06-2020 |
|  | Devarapalli Ajith | Android Application Development | APSSDC | Summer Online Training Program | 01-06-2020 TO 20-06-2020 |
|  | Banu Bhuvana | COVID 19 Crowdfunding(open position-10000) | Hamari Pahvhan NGO | **Internshala** | 17-06-2020 |
|  | Bhavitha T.N | Campus Ambassador Program | Scholiverse Educare PVT LTD | **Internshala** | May 2020 to august 2020 |
|  | Minisha Y | Campus Ambassador | International Model United Nations | **Internshala** | 21-06-2020 |
|  | Minisha Y | COVID 19 Crowdfunding(open position-10000) | Hamari Pahvhan NGO | **Internshala** | 10-06-2020 |
|  | Minisha Y | COVID 19 Teach From Home(open position-5000) | World Youth Council | **Internshala** | 10-06-2020 |
|  | Muthumulla Laxmi | COVID 19 Awareness & Precautions((open position-1000) | INDIA Redefined | **Internshala** | 24-06-2020 |
|  | Pushpalatha Bodaganidoddi | Campus Ambassador | International Model United Nations | **Internshala** | 13-06-2020 |
|  | Gnana Deepika | Video branding activity to promote internshala trainings |  | **Internshala** | 21-05-2020 |
|  | Chandrapal Singh Sai Charan Singh | Intern-Content | Endurekha | One-month internship | 04-03-2020 |
|  | Satheesh Gajula | Social Media Marketing Internship | Fyxbuddy | internship | 27-07-2020 |
|  | Satheesh Gajula | Campus Ambassador Intern |  | **Internshala** | 01-06-2020 to 01-07-2020 |
|  | Subahan Ali Khan Paton | ISP 20 Referals Contest |  | **Internshala** | 08-02-2021 |

**Appendix VI**

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| 2/24/2021 | | Global NetAcad Instance | CISCO\_CODATHON\_AP\_2020 | Networking Academy |
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Update to Login Coming

 [ARCHIVED](https://www.netacad.com/portal/flag/unflag/favorite_courses/1137926?destination=course/1137926&token=vjYumHyvEvGF66uyXFSe-rEm1Qzooklg2A4DJvCsjQw)

[(/PORTAL/FLAG/UNFLAG/FAVORITE\_COURSES/1137926?](https://www.netacad.com/portal/flag/unflag/favorite_courses/1137926?destination=course/1137926&token=vjYumHyvEvGF66uyXFSe-rEm1Qzooklg2A4DJvCsjQw)

[DESTINATION=COURSE/1137926&TOKEN=VJYUMHYVEVGF66UYXFSE-](https://www.netacad.com/portal/flag/unflag/favorite_courses/1137926?destination=course/1137926&token=vjYumHyvEvGF66uyXFSe-rEm1Qzooklg2A4DJvCsjQw)

[REM1QZOOKLG2A4DJVCSJQW)](https://www.netacad.com/portal/flag/unflag/favorite_courses/1137926?destination=course/1137926&token=vjYumHyvEvGF66uyXFSe-rEm1Qzooklg2A4DJvCsjQw)

CISCO\_CODATHON\_AP\_2020

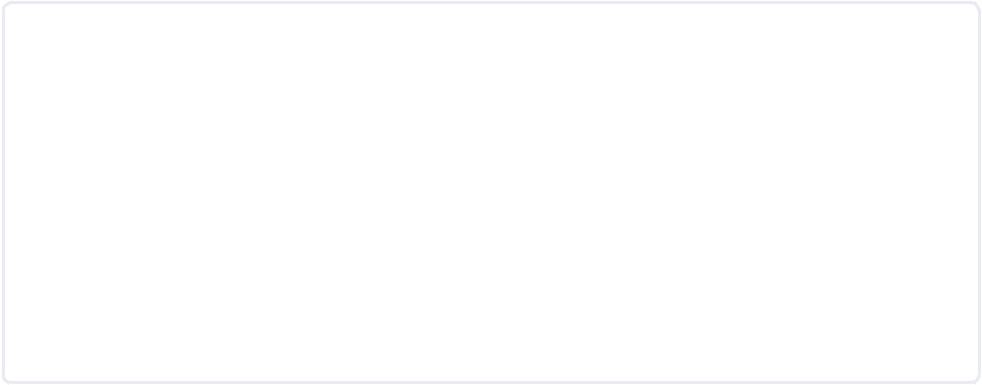
CISCO\_CODATHON\_AP\_2020

Partner: CPA - Programming Essentials in C++ (English - 1.00 - Legacy)

Class ID:1017019

23 Apr - 16 Jun 2020, Srinivasa Ramanujan Institute of Technology

Instructors: T.Murali Krishna



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Students (794)

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| https://www.netacad.com/portal/course/1137926 | 1/3 |

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| [First Name (/portal/co](https://www.netacad.com/portal/course/1137926?combine=&combine_1=All&last_login_numeric=All&items_per_page=15&views_table_filter=class_instance_students%3Ablock&order=first_name&sort=asc) | [Last Name (/portal/co](https://www.netacad.com/portal/course/1137926?combine=&combine_1=All&last_login_numeric=All&items_per_page=15&views_table_filter=class_instance_students%3Ablock&order=last_name&sort=asc) | [Student ID (/portal/co](https://www.netacad.com/portal/course/1137926?combine=&combine_1=All&last_login_numeric=All&items_per_page=15&views_table_filter=class_instance_students%3Ablock&order=student_id&sort=asc) | [Email (/portal/course/](https://www.netacad.com/portal/course/1137926?combine=&combine_1=All&last_login_numeric=All&items_per_page=15&views_table_filter=class_instance_students%3Ablock&order=mail&sort=asc) | [rder=login&sort=asc)](https://www.netacad.com/portal/course/1137926?order=login&sort=asc) |
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| LAKSHMI PRASAN… P | | 194G5A0514 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563724) | 194G5A0514@srit.… | 9 Jul 2020 | 99.60% | - |  |  |
|  |  |  |  |  |  |  |  |  |
| YASWANTH REDDY | S | 194G5A0513 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563720) | 194G5A0513@srit.… | 16 Jul 2020 | 93.07% | - |  |  |
|  |  |  |  | |  |  |  |  |
| YASWANTH KUMAR | K | 194G5A0512 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563716) | 194G5A0512@srit.… Never (Delivered) | | - | - |  |  |
|  |  |  |  | |  |  |  |  |
| VENKATA PRASA… | B | 194G5A0511 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563712) | 194G5A0511@srit.… Never (Delivered) | | - | - |  |  |
|  |  |  |  | |  |  |  |  |
| VENKATA NARESH | D | 194G5A0510 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563710) | 194G5A0510@srit.… Never (Delivered) | | - | - |  |  |
|  |  |  |  |  |  |  |  |  |
| TEJDEEP REDDY | KUDUMULA | 194G5A0509 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563698) | 194G5A0509@srit.… | 29 Jul 2020 | 93.60% | - |  |  |
|  |  |  |  |  |  |  |  |  |
| SRAVANI | G | 174G1A0588 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563690) | 174G1A0588@srit.… | 17 Jul 2020 | 98.40% | - |  |  |
|  |  |  |  | |  |  |  |  |
| SAI SUBRAMANYAM | G | 174G1A0573 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563686) | 174G1A0573@srit.… Never (Delivered) | | - | - |  |  |
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| RAJU | K | 174G1A0563 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563682) | 174G1A0563@srit.… | 17 Jul 2020 | 92.27% | - |  |  |
|  |  |  |  | |  |  |  |  |
| MANOHAR ANILK… | G | 174G1A0540 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563672) | 174G1A0540@srit.… Never (Delivered) | | - | - |  |  |
|  |  |  |  | |  |  |  |  |
| HUDA | K | 174G1A0523 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563668) | 174G1A0523@srit.… Never (Delivered) | | - | - |  |  |
|  |  |  | | |  |  |  |  |
| SAI SOORAJ | V | 184G1A05B8 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563664) 184G1A05B8@srit.… Never (Delivered) | | | - | - |  |  |
|  |  |  | |  |  |  |  |  |
| VANGMAI SRUTHI | BULLE | 184G1A05B7 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563660) 184g1a05b7@srit.a… | | 10 May 2020 | - | - |  |  |
|  |  |  | |  |  |  |  |  |
| AFRAH | Sk | 184G1A05B6 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563656) 184G1A05B6@srit.… | | 1 Feb 2021 | 95.47% | - |  |  |
|  |  |  | |  |  |  |  |  |
| KRISHNA SAMPADA | A | 184G1A05B5 [(/p…](https://www.netacad.com/portal/course/1137926/users/change-student-id/1009563652) 184G1A05B5@srit.… | | 10 Jul 2020 | 96.27% | - |  |  |



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