



**SIDDHARTHA**  
**ACADEMY OF HIGHER EDUCATION**  
**An Institution DEEMED TO BE UNIVERSITY**  
 (Under Section 3 of UGC Act, 1956)  
 (Sponsored by Siddhartha Academy of General & Technical Education,  
 Vijayawada, A.P.)

**ACADEMIC AUDIT**  
**Evaluation Sheet**

**School Name : Velagapudi Ramakrishna Siddhartha School of Engineering**

**Department Name : Computer Science and Engineering**

**Programme Name : B.Tech –CSE, AI&DS and CSE(AI&ML)**

**Academic Year : 2024-2025**

**Annual department plan (enclose a separate sheet along with the previous 3 years planned & achieved data)**

<b>I. POs, PSOs and Curriculum</b>		
<b>S. No</b>	<b>Criteria</b>	<b>Observations</b>
1.	POs & PSOs attainment along with sample calculation sheet	Almost all PO"s and PSO"s are attained the expected target level 60%, except PSO1 attained only 57%. PO6, PO7, PO11 and PO12 are contributed by very few courses, to meet this gap training programs and workshops are conducted to students.
2.	Stakeholders feedback collected, analyzed & action taken related to curriculum design (with evidences)	<ul style="list-style-type: none"> <li>Consolidated Stakeholders feedback (Faculty, student, Parents, and Alumni inputs) collected and actions taken related documents are available</li> </ul>
3.	Extent of stakeholders satisfaction with curriculum revision	<ul style="list-style-type: none"> <li>Curriculum will be revised by considering the inputs from stake holders (Faculty, student, Parents &amp; Alumni).</li> <li>The inputs are reviewed and forwarded to concern course coordinators.</li> <li>Suggestions &amp; recommendations given by DAB &amp; BOS members are considered and to be implemented for Curriculum revision.</li> </ul>
4.	-New courses introduced -Courses upgraded with more than 25% of course content:17	<ul style="list-style-type: none"> <li>24 new courses are added in VR 23 Regulations</li> <li>Courses upgraded with more than 25% of course content:17</li> </ul>

5.	<b>Lab component</b> - New labs added - No. of new experiments introduced - New Hardware / Software developed	<ul style="list-style-type: none"> <li>• New labs added : 8</li> <li>• No. of new experiments introduced             <ul style="list-style-type: none"> <li>• Open ended problems are introduced in lab courses and introduced laboratory work book with various components like Pre-lab, In-lab and Post-lab.</li> </ul> </li> <li>• New Hardware/Software developed: Nil</li> </ul>
6.	No. & % of courses focusing on Employability/ entrepreneurship/ skill development.	Employability:45, Entrepreneurship: 12 Skill development: 32 % of courses focusing on employability: 50.5%
7.	No. of students undertaken -full time field projects: -full time internships:	<ul style="list-style-type: none"> <li>• Full time field projects: 161</li> <li>• Full time internships: 214</li> </ul> Max Stipend: 1,50,000(Google) Nidha Ahmed Mohammed

II. Faculty information and their contribution		
S.No	Criterion	Observations
1.	Teacher- student ratio	Teacher-student ratio : 1:25 1122(UG)+12(PG)
2.	Faculty Cadre ratio	Faculty Cadre ratio 6: 7:51 (Professors 6, Associate professors:7, Assistant Professors:51)
3	Faculty experience & retention	Faculty average experience: 12.30 yrs More than Five years: 22
4.	Faculty qualifications: Percentage of existing faculty with PhD Faculty awarded with PhD: Faculty submitted their PhD: Faculty pursuing PhD: Faculty registered for PhD:	Percentage of existing faculty with PhD : 29/62 =46.77% Faculty awarded with Ph. D: 3 Faculty submitted their Ph. D: 2 Faculty pursuing Ph. D: 17 Faculty registered for Ph. D: 6 Faculty not registered for Ph.D: 6
5.	Faculty with Post-Doctoral Fellowship or Pursuing it:	Post-Doctoral Fellowship: 03 Completed33
6	Faculty guiding /guided PhDs:	Faculty guiding:13 Faculty members guiding 28 Ph.D scholars Guided: 04 Faculty members Guided 17 Ph.D scholars
7.	Percentage of faculty contributing in ... .....research publications: .....books: .....chapters:	Research publications:(51/62)*100=82.25% SCI: (21/62)*100= 33.87% SCOPUS JR.: (37/62)*100 = 59.67%  Books: NIL Chapters: (16/62)*100= 25.80%
8.	e-Content development / Lectures added to Web-resources	Lecture notes, ppts, Question banks, uploaded unit wise in LMS. 10 Faculty were involved in developing E-content/Lecture videos
9.	Faculty <i>contribution</i> in professional organizations/ Reviewer / Editorial boards: <i>(not mere memberships)</i>	Dr. K. Srinivas, Dr G. Anuradha, Dr M.Sobhana,Dr G.Kranthi Kumar Ch.Raga Madhuri, Dr Ch. Anuradha, Mr Prabhu U, Mrs M.Madhavi, Dr. P. Surendra,Varma Dr. K. Lakshmi Revathi, Dr. Malarivizhi.N, Dr. Chandrakala Kuruba, Dr. Purna Prakash,Kasaraneni

10.	Academic Awards/Rewards received:	<ul style="list-style-type: none"> <li>• Dr. D.Rajeswara Rao, Best Paper Award, International Conference on Computing and Emerging Technologies for Sustainable Planet, SRM Institute of Science and Technology, Chennai, Tamilnadu</li> <li>• Dr. K. Srinivas, University Appreciation Award for Teachers, JNTUK</li> <li>• Dr. S. Vasavi, Indian women Achievers Award, category of Excellence, STEM, 2024</li> <li>• Dr. Ch.Rupa, Best Paper Award, International Conference Analytics and Insights Technology International New Town</li> <li>• Dr. Ch.Rupa, Global Top 2, Percentile of Scientists Elsevier – Stanford University</li> </ul>
		<ul style="list-style-type: none"> <li>• Dr. Ch.Rupa Excellence in Research Contribution Council For Skill and Competencies</li> <li>• Dr. K. L.Sailaja, AP state Disasters Response Fire Services Award, Andhra Pradesh State</li> <li>• Dr. K. L.Sailaja, Sashakt Naari, Samridhdha Bharat Samman Award, International Women's Day, IBSEA, Cheer On Ventures, Andhra Pradesh</li> <li>• Mr. S. Rajesh Certificate of Appreciation SWAYAM NPTEL local chapter</li> <li>• Mr. S. Rajesh Certificate of Appreciation NPTEL, IIT Madras</li> </ul>
11.	Faculty contribution in Industry / Institute collaborative projects	Collaborative projects: 4 ISRO: NRSC, ISRO: NESAC, ADRIN, ISRO(2)
12.	Faculty trained in Industry	<ol style="list-style-type: none"> <li>1. Mr. S. Ravi Kishan: Verizon, Hyderabad</li> <li>2. Mr. N. Sunny: Verizon, Hyderabad</li> <li>3. Mr. U. Prabhu: Intel, IIT Hyderabad</li> <li>4. Mr. Asutosh Satapathy: ASHWATTA, iHub, Tirupathy</li> </ol>
13.	Faculty contribution in obtaining internships/ Placements/ MoUs	2 Faculty contributed in internships Internships: 4 for students
14.	Faculty as resource persons in webinars/ workshops / key note speaker / training activities	<p>Dr. S. Vasavi Session chair Paris IEEE conference ICFSP 2024</p> <p>Dr. K. Suvarna Vani, Session Chair for International Conference Siddhartha Academy of Higher Education</p> <p>Dr. K. Suvarna Vani, Session Chair for International Conference Jain College of Engineering Belagavi, India</p> <p>Dr. P. Ramesh Kumar, Resource person for interactive session Interstate youth programme, VRSEC, Vijayawada.</p> <p>P. Ramesh Kumar Conference Session Chair ICDCS 2024, New Jersey, USA</p> <p>Mr. Ch. Mukesh Instructor Excellence Cisco Networking Academy</p> <p>Dr. Ashutosh Satapathy, Course Trainer on Neuro-morphic Engineering, K-Combinator, Manteca-95336, USA.</p>

15	<b>National level events organized</b> -Conferences: -Workshops/ Seminars: - Webinars - FDPs: <b>International level events organized</b> - Conferences - Webinars -Workshops/Seminars	Conferences:0 Workshops/Seminars:15 Webinars:01 FDPs:03  Conferences:0 Webinars:1 Workshops/Seminars: 04
16	<b>List of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process</b>	No. of Faculty participated in Various FDP's inside/Outside college: 50 No. of Faculty participated in Various Workshops inside/Outside college: 20 No. of Faculty participated in Various Seminars inside/Outside college: 10 No. of Faculty participated in Various Guest Lectures inside/Outside college: 15
17	<b>Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.)</b>	Dr. K. Srinivas, Dr. S. Vasavi, Dr. Ch. Rupa, Mr. S. Ravi kishan, Dr G. Anuradha, Dr K. Gunasekaran, Dr. Ashutosh Satapathy, Chandrakala Kuruba

### III. Teaching-Learning Process and Evaluation

S. No	Criterion	Observations
1.	<b>Student performance indices</b> <b>Measures to reduce detentions</b> -Attendance (detentions if any): -Exams (detentions if any):	<b>Student performance indices :</b> 1. Senior faculty interaction with students 2. Parents meeting 3. Counseling by faculty  Attendance Detention: 02 Examination Detention : NIL
2.	<b>Mechanism and activities for slow learners:</b> <b>Outcome:</b>	Based on academic ability, students are assessed by the tests of sessional I and assignment I.  The students who have obtained less than 50% in the tests are considered as slow learners. The activities conducted for slow learners to improve : <ul style="list-style-type: none"> <li>• Remedial Classes and Counselling</li> <li>• The communication skills are enhanced by performing activities like group discussions, debates, jams and video based resuming.</li> </ul> The performance of some of the slow learners have been improved in continuous assessments and end semester examination <b>Outcome:</b> Improving pass percentage and placements

3	Mechanism and activities for Fast learners to excel: Outcome:	<p>1. CBCS is implemented for fast learners so that they can concentrate more on their project work or can do their project at industry.</p> <p>2. Fast learners were encouraged to publish their project work in reputed journals and conferences.</p> <p>3. Allowed to attend full time internships.</p> <p>4. Honor degree courses have been introduced for fast learners so that they get more opportunities in different areas.</p> <p>5. High intensity training for High package placements</p> <p>Outcome: improving average salary in placements, Improving research publications</p>
4	Value added courses:	<p>Value added courses:</p> <p>CCNA-1</p> <p>CCNA-2</p>
		Linux essentials
5	Quality circles and Practice: Outcome:	Counseling, ALM, Project Based Learning, Faculty Capability enhancing programs, Students Capability enhancing programs, Virtual Labs, LMS Mechanism (CampX).
6.	Student counseling /mentoring mechanism	<p>A group of 24 students allotted for each faculty to monitor the performance and mentor the students. Student with less attendance and marks are intimated to the parents/ guardians.</p> <p>In A.Y. 2024-25</p> <ul style="list-style-type: none"> <li>Whatsapp groups were created by counselors for their respective allotted students and communicating the necessary information whenever required.</li> <li>Attendance of every class is posted in the whatsapp groups and monitored by the respective counselors</li> <li>Student group mail is created for circulating the information and placing e-content.</li> </ul>
7.	Initiatives taken for innovative mini and major projects -Training for students & faculty	<p>Training for students:</p> <ul style="list-style-type: none"> <li>Conducted workshops and guest lecturers from industry experts on Latest technologies.</li> <li>Student Project titles are vetted by the industry experts.</li> <li>Faculty trained on advanced technologies such as Quantum Technologies, AWS, Neoromorphic Technologies etc.</li> <li>Students are motivated to publish their projects in reputed Journals and Conferences.</li> <li>National level AI Hackthon organized on Feb 2025</li> </ul> <p>Students are motivated to participate in Hackthons to exhibit their novel ideas and programming skill</p>

8.	Best student projects with awards	<p>1. <b>Mudumbi Rangacharyulu</b> from 2/4 B.Tech AI&amp;DS secured the <b>1st Prize</b> in Neuro Ride at the 1st Unicorn Innovation Challenge 2025, organized by the International Startup Foundation on 29-06-2025. He also won the 1st Prize at the Global Unicorn AI Summit 2025 conducted by Texas University, USA.</p> <p>2. <b>Vanapalli Satya Sumanth, Sai Hemanth Para, and Sai Kiran Pogiri</b> from 4/4 B.Tech CSE received a Project Award worth <b>5 Lakh</b> rupees at SANKALP-2024, organized by the Acharya N.G. Ranga Agricultural University, Tirupati under the ANGRAU Poshan Incubator.</p> <p>3. <b>Sundarapalli Hanish Venkat</b> of 4/4 B.Tech CSE achieved the 2nd Prize with a cash reward of <b>Rs.30,000/-</b> in SPARK TANK 2024 held on 04-09-2024 at Vishnu Institute of Technology, Bhimavaram.</p> <p>4. <b>Bandaru Prudhvi Narayana</b> from 4/4 B.Tech AI&amp;DS won the <b>Best Paper Award</b> at the IEEE International Conference on Computational Communication and Information Technology (ICCCIT 2025) on 07-02-2025.</p>
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		<p>5. <b>A Krishna Srikar, K Vamsi Krishna Charan, S Gnaneswara Rao, and M Aneesh</b> of 2/4 B.Tech CSE secured the 2nd Prize in Generative AI at the TECHXCELERATE Hackathon 2024, held on 22-03-2025 at BITS Pilani.</p> <p>6. <b>Bodavula Sanjeev Sahitya Madala, P Meghana, Meka Srihitha, Vellanki Sanjana, and Yarava Rajasekar</b> from 3/4 B.Tech CSE achieved the 6th place at National Level in the same hackathon.</p> <p>7. <b>P. Praneeth, N. Saketh, J. Narendra, M. Niveditha, P. Divya Monika, P. Manoj, and D. Neha</b> of 3/4 B.Tech CSE won the 2nd Prize in the SAAS Domain at the TECHXCELERATE Hackathon 2024 during Nov-Dec 2024 at BITS Pilani.</p> <p>8. A team consisting of <b>Sudhrashan Thanirru, Rahamatunnisa Shaik, Tejasri Gottipati, Bhaskaruni Venkata Manasa, Mariya Rajiv Reddy Chavva, and V. Pavan Roshan</b> of 3/4 B.Tech CSE bagged the 3rd Prize in Web Development at the same hackathon conducted on 22-23 March 2025.</p> <p>9. <b>Sundarapalli Hanish Venkat</b> also bagged the 1st Prize with Rs.20,000/- cash at the Bhartiya Yuva Shakti Trust competition on 09-01-2025, organized by HDFC Bank.</p> <p>10. In the SAWit.ai Hackathon Women's Only GEN AI Challenge organized by Google, HCL, AICTE, and the Governments of Telangana, Uttar Pradesh, Sai Ishwarya Tinnavalli, Neeraja, and Harshitha Kancheti from 2/4 B.Tech CSE, achieved the 7th place with Rs.20,000/- cash prize.</p> <p>11. <b>Akshara Malalvarapu, Ramyasri Duddu, and Srikanth Tarigopula</b> of the same year secured the 8th place with Rs.20,000/- cash prize.</p> <p>12. <b>Harika C</b> from 3/4 B.Tech CSE was declared the 2nd Runner-Up in the National Level 24-hour VJ Hackathon on 29-10-2024, hosted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.</p> <p>13. <b>Sania Sulthana and Abhinav Garlapati</b> from 3/4 B.Tech AI&amp;DS won the 3rd Runner-Up prize in the National Level 24-hour VJ Hackathon on 29-10-2024, hosted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.</p> <p>14. At the VIT-AP Innovation Knowledge Acquisition Summit 2024 (VIKAS-24) held on 09-11-2024 in collaboration with FAPSIA NRDC, <b>Vanapalli Satya Sumanth and NGV Saitej</b> of 4/4 B.Tech CSE bagged the 2nd Prize.</p> <p>15. <b>D. Hema Vignesh</b> from 3/4 B.Tech CSE qualified for the Final Round of the ISRO Immersion Challenge conducted by NRSC-ISRO IIIT Hyderabad.</p>
9	Student Model developments: Awards:	161 Awards: 4



10	Student Innovation details: Awards:	2 (MSME) 1 (ANRAU) 1 (RVRTbi)
11	Student Publications (other than IV.1) -UG: -PG:	UG: 206 PG: NIL
12	Monitoring of teaching-learning process -- Mechanism for Assessment of teaching process in classrooms. -- Random verification of evaluated answer papers and question paper during the semester. -- Innovative teaching methods presented, if any -- Verification of course files	<p><b>Mechanism for Assessment of teaching processing classrooms:</b></p> <ul style="list-style-type: none"> <li>Teaching process in classrooms is monitored by Head of the Department through feedback and interaction.</li> <li>The assessment of teaching learning process is done through the feedback collected twice in every semester at the beginning of Semester and at the end of semester.</li> </ul> <p><b>Question paper vetting during the semester:</b></p> <ul style="list-style-type: none"> <li>Internal question papers are vetted by vetting team that includes HOD and program coordinator.</li> </ul> <p><b>Innovative teaching methods :</b></p> <ul style="list-style-type: none"> <li>At least three innovative teaching methods presented in each course like Flipped Classroom, One minute paper, Group discussion and Quiz etc.</li> <li>Semester Readiness Programme (SRP) for each course.</li> </ul> <p><b>Verification of course files:</b> Course files are verified by HOD and Program Coordinator.</p>
13	Student enrolment in CBCS	<p>Student enrolment in CBCS:</p> <p>3/4 B. Tech</p> <p>CSE: 20CS7402D: UI/UX Design-151</p> <p>20CS7404D: VR/AR -132</p> <p>20CS7404f: Mobile Commerce: 06</p> <p>AI&amp;DS : 20AI&amp;DS7402E: UI UX Design:86</p> <p>20AI&amp;DS7404F: Mobile Commerece-81</p> <p>AI&amp;ML: 20AI&amp;ML7402E: UI&amp;UX Design-55</p> <p>20AI&amp;ML7404D: DevOps:38</p>
14	EPICS (Engineering projects in community service) Projects: Awards:	<p>Projects :161</p> <p>Awards: 4 2 (MSME) 1 (ANRAU) 1 (RVRTbi)</p>
15	Activities of students in professional bodies: Awards in co-curricular activities:	<p>IEEE-14, ACM-1</p> <p>Awards in co-curricular activities: 15</p>
16	Training programs / Seminars/ workshops organized for students:	<p>Seminars : 2</p> <p>Workshops :19</p> <p>Training Programs:4</p>
17.	Guest lecturers conducted for Students:	Guest Talks: 19

18.	MoUs with Industries for Research / Consultancy/ internship / placements, etc.	4 for internship / placements: (Dot Sphere, Campx Edutech Pvt Ltd, Quinfosystems Pvt Ltd, Blue Cloud Softech Solutions)														
19.	Students feedback	<ul style="list-style-type: none"><li>• The feedback collected twice in every semester at the beginning of Semester and at the end of semester on faculty teaching performance</li><li>• Course end survey collected at the end of semester for each course.</li><li>• Student exit survey collected every year from the students of outgoing batch on the entire program.</li></ul>														
20.	Feedback follow-up action	In the A.Y 2024-2025, All the faculty members consistently achieved feedback scores above 3.5 on 5 point scale														
21.	Scope for Self-learning: -Certificate courses -Online courses	Certificate courses- PEGA:13 DevNet:85 UiPath: 512 (Automation Explorer) On line courses: MOOCS: (NPTEL) CSE: OE3 & OE4- 214 AI&DS: OE3 & OE4-72 Honors MOOCS:CSE: 36 AI&DS-25														
22.	Cut-off rank (Admission): Cut-off rank Previous year:..... OC: BC: SC: ST: PH: Audited year: ..... OC: BC: SC: ST: PH: Improvement / no change / decline  <i>Note: If there is <u>no improvement</u> it needs to discussed &amp; suitable measures are to be taken up.</i>	OC: JEE Cutoff Rank: 418928 BC: JEE Cutoff Rank: 257142 SC: JEE Cutoff Rank: 96186 OC: SEEE Cutoff Marks: 27 BC: SEEE Cutoff Marks: 28 SC: SEEE Cutoff Marks: 37 OC: EAPCET Cutoff Rank: 111418 BC: EAPCET Cutoff Rank: 121717 OC: IP Cutoff marks: 78.3 BC: IP Cutoff Rank: 81.5														
23	Range of CGPA & % of students 10 -8 CGPA: 7 CGPA: 6 CGPA: 5 CGPA: No. & % of failures Success rate as per NBA	<table><tr><td>Total Pass :208(CSE)</td><td>71(AI&amp;DS)</td></tr><tr><td>10 -8 CGPA: 176</td><td>56</td></tr><tr><td>7 CGPA: 27</td><td>15</td></tr><tr><td>6 CGPA:05</td><td>00</td></tr><tr><td>5 CGPA: 00</td><td>00</td></tr><tr><td>06 - 2.88%</td><td>01-1.38</td></tr><tr><td>Success rate as per NBA : CSE : 17.6</td><td>AI&amp;DS: 17.6</td></tr></table>	Total Pass :208(CSE)	71(AI&DS)	10 -8 CGPA: 176	56	7 CGPA: 27	15	6 CGPA:05	00	5 CGPA: 00	00	06 - 2.88%	01-1.38	Success rate as per NBA : CSE : 17.6	AI&DS: 17.6
Total Pass :208(CSE)	71(AI&DS)															
10 -8 CGPA: 176	56															
7 CGPA: 27	15															
6 CGPA:05	00															
5 CGPA: 00	00															
06 - 2.88%	01-1.38															
Success rate as per NBA : CSE : 17.6	AI&DS: 17.6															

<b>IV. Research, Consultancy and Extension</b>		
<b>S. No</b>	<b>Criterion</b>	<b>Observations</b>
1.	Faculty publications in journals: (other than III.11) Scopus indexed: SCI/ SCIE (Not ESCI): Total: h-index: Dept & Highest in the faculty.	Scopus indexed: 11 SCI / SCIE : 12 Total: 23  h-index: Dept & Highest in the faculty: Dr. Ch. Rupa, Department of CSE (Google Scholar h-Index: 23, Scopus h-index: 20)
2.	Publications in conferences: - National (Scopus, SCI & equivalent) - International (Scopus, SCI equivalent)	National (Scopus, SCI & equivalent): NIL International (Scopus, SCI equivalent): 153 Total: 153
3.	Faculty contribution in: .....Books: .....Book chapters	Books: NIL Book chapters: 03
4.	Paper Publications & Book chapters:	Q1: 9, Q2: 05, Q3: 05, Q4: 04, Total: 23
5.	Government: Funded R&D projects	Applied: 8      Total Amount: 4,47,62,244/- Ongoing/ sanctioned: 15 Total Amount: Rs. 2,20,01,315/- Completed: 5      Total Amount: Rs. 6,05,753/-
6.	Non- Government: Funded R&D projects / Industry sponsored projects	Applied: NIL , Ongoing: 03 , Total Amount: Rs. 16,24,568.75/-, Completed: NIL
7.	Faculty involved in Consultancy & amount earned	NIL
8.	Faculty intellectual property rights / Patents:	Filed: 5      Published: 9      Granted: 1 Total:10
9.	In-house R&D grants & projects and their outcomes	In-House R&D Grants & Projects: 12 Total Amount: Rs. 9,34,302/-
10.	New research facilities/ laboratory facilities added	Total Rs. 5, 71,16,228.15/- worth of research equipment procured.
11.	MOU"s with industries/ R&D/ Premier Institutes Details of activities:	4 for internship/ placements: (Dot Sphere, Campx Edutech Pvt Ltd, Quinfosystems Pvt Ltd, Blue Cloud Softech Solutions) Details of activities: 1. Dot Sphere: work shop on Design thinking 2. Campx Edutech Pvt Ltd: Maintenance of CMS 3. Quinfosystems Pvt Ltd: GT-1,FDP-2, Events-2 4. Blue Cloud Softech Solutions: M.Tech Internships, Cyber Security Lab establishment,GT-2
12.	Research centers of excellence established: Outcome in research centers:	JNTUK Research Center of Excellence Ph.D Pursuing:7, Ph.D Completed:07
13.	Skill development centers established: outcome:	---
14.	Incubation centers: - Established with outside Industries : -Status of incubation:	01 – Indian Servers Active

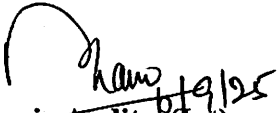
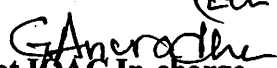
15	Start-ups & Entrepreneurships: No of Start-ups & status: Awards from outside platforms:	02 (AY 2024-25) Total : 06  02 ( 8 Lac Funding from RVRTbi, ANRAU)
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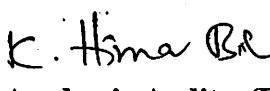
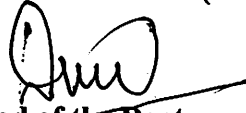
V. Infrastructure and Learning Resources		
S. No	Criterion	Observations
1.	Addition of infrastructural facilities to improve the teaching learning process Class rooms / Laboratories /ICT class rooms / e- class rooms/ Seminar halls / Syndicate rooms /Innovation center:	New Class Rooms added with ICT facilities: CS408, CS409, CS410, CS411, CS412  New Laboratories added: CS528, CS529
2.	Internet facilities for faculty & Students:	Total 2Gbps 1Gbps from Power Grid 1Gbps from TATA Tele Services
3.	Technical manpower support added:	2 Technical persons added Mr N Naveen – Jr. programmer Mr D Phanindra – Jr. Programmer
4.	Modern / new equipment added in Laboratories:	Total Rs 4,71,48,074 worth of equipment added during 2024 - 2025
5.	New research facility /Computing facilities / laboratory added:	Total Rs. 96,37,462/- worth of research equipment procured.
6.	Dept. Newsletter / magazine:	Newsletters published in the A.Y 2024-25
7.	Department library: New additionsText books / References / Journals	No. of Books purchased during 2024-25: 35

<b>VI. Student information, Support and Progression</b>		
<b>S. No</b>	<b>Criterion</b>	<b>Observations</b>
1	Industrial visits	NIL
2	Internships	747 Internships Stipend internships :148
3	Dept. student clubs: Activities:	Elite coding club ,Women club and Microsoft Learn Student club Activities :21
4	Details of coaching provided for GATE/GRE/any other competitive exams	NIL
6	Students qualified in -GATE -GRE/etc.	GATE: 05 GRE: 06 TOEFL: 05 PGCET: 02
7	Students admitted for Higher studies (No & %):	No of Students admitted for higher studies:10 Percentage: 3%
8	Total Placements (No & %) in the Dept: 2 - 4 Lakhs (No.) 4 Lakhs above (No.): 5 Lakhs above (No.): Highest salary (No.): Median salary:	Total number of offers: 534 Total number of students got placements : 248 & 87.0% <del>248/285=87.0</del> 2 - 4 Lakhs (No.) :32 4 Lakhs above (No.):213 5 Lakhs above (No.):106 Highest salary (No.):48L Median salary:4.6L
9	Student prizes:	Cultural-2 Sports-27  National Level, if any-130
10	Student Scholarships:	<b>Government Scholar ship:</b> No. Students got Fee Reimbursement: 652(Rs 4,50,82,200) No. Students got Merit Scholarship from the Central Government: 6 (Rs 1,86,000) Students got Merit Scholarship from the Govt. /Central Govt.: 11 (Rs 3,18,1500)  <b>Non-Government Scholar ship:</b> 140 Students got NSF Scholar ship(Rs 35,00,000) 45 students got Foundation For Excellence Scholarship(Rs 21,30,000) 2 Students got Merit Scholarship from the Private bodies(Rs 32,500)

VII. Governance, Leadership and Management		
S. No	Criterion	Observations
1	Setting of annual goals by individual faculty for their academic improvement.	Staff goals are consolidated and given in the department goals
2	Setting of departmental annual goals by HOD for the improvement of dept.	Number to increase in good quality of Publications, Research funding from Industry/alumni/Non-Govt., No. Increase in filing patents <ul style="list-style-type: none"> <li>Improvement in Pass percentage</li> <li>Improvement in placements, internships and higher studies</li> <li>Incubation, startups and entrepreneurs etc.</li> </ul>
3	Teaching staff attended for skill development/ Industry training/ any professional development programs	1. Mr. S. Ravi Kishan: Verizon, Hyderabad 2. Mr. N. Sunny: Verizon, Hyderabad 3. Mr. U. Prabhu: Intel, IIT Hyderabad
4	Non-teaching staff attended for skill development programs	Skill development programs conducted: 05 <ul style="list-style-type: none"> <li>Staying Safe from Mobile-Based Cyber Frauds"</li> <li>Two Days Workshop On AI Tools And Applications</li> <li>Cyber Guard Awareness &amp; Protection Strategies</li> <li>Nvidia Certificates of Competency</li> <li>AI Tools For Smarter Works</li> </ul>
5	Financial support received from the Management: Seed Grant for faculty: Incentive for Sponsored projects: Incentive for paper publications:	Financial support received from the Management: Seed Grant for faculty: Rs 9, 34, 302/-.  Incentive for Sponsored projects, overseas seminars and R&D personnel: Rs 5,02,558/-  Incentive for paper publications: Rs 3, 02, 595/-. Attending FDPs/ Seminars/ etc: Rs 2,82,729/- Attending overseas seminars: Rs 1,98,684/-.
	Attending FDPs/ Seminars/ etc:	Participations by Faculty: 173
6	Financial support received from the Management:	Student Projects: Rs 34,405/- Model developments& exhibition: Rs 13,58,197/-. Student Innovations& exhibition: Rs 10,00,000/-.
7	Quality policy & Quality objectives Committees & duties: Cells & duties:	Quality Policy: VRSEC strive to impart Knowledge, Skills and Attitude through continuous improvement to meet the ever-changing needs of Industry and for the Sustainable Development of society Committees & duties: Professor Incharges for various duties. Cells & duties: Grievance Cell, Anti-Ragging Committees.
8	Maintenance -General -Laboratory -Others	General: Periodical maintenance of academic facilities and physical facilities are well maintained. Laboratory: Budget proposed for laboratory maintenance:

		1,05,00,000/- in A.Y 2024-25
9	Financial support/ leaves for qualification/ skill up- gradation:	1. Financial support: An amount of Rs 3,02,595/- was Received by faculty as an incentive towards paper publication in reputed journals and conferences. 2. Skill up-gradation: Special Casual leaves for PhD reviews / skill up gradation -4 members
10.	Risk evaluation/ safety measures:	The following safety measures are incorporated to Mitigate the risk. <ul style="list-style-type: none"> <li>• First aid kit,</li> <li>• Fire extinguisher</li> <li>• Electrical safety mats</li> <li>• Display of emergency phone nos.</li> </ul>

  
**Academic Auditor(Int)**  
 Dr P Phani Kumar  
 (ECE Dept)  
  
**Dept IQAC In-charge**

  
**Academic Auditor(Ext)**  
  
**Head of the Dept**  
 Professor & Head  
 Dept. of Computer Science & Engineering  
 Siddhartha Academy of Higher Education  
 Deemed to be University  
 Phone No: 520 007

### Academic Audit Report (Consolidated)

1. Name of Department: Computer Science and Engineering, Year: 2024 - 2025

2. No. of full time permanent faculty: 64

3. No. of Visiting/Adjunct faculty: 03

4. No. of PG / UG courses: 01 - PG - Cyber Security) / 03 - (UG – CSE, AI&DS, AI&ML)

5. Curriculum Revisions Information: UG :

New courses: 24, Modified courses (min 20-25% change): 70, Employable courses: 45

6. Research: Ph.D. Theses submitted: 02, awarded: 03

Faculty guiding / guided Ph.Ds: 13 / 4

Publications in Journals: SCI/SCIE: 12, Scopus: 11, Total: 23

Publications in Conferences: Scopus: 153, Total: 153 Student Publications

-UG: SCI/SCIE: 9, Scopus: 176, WoS: 15, Others: 6, Total: 206.

Dept H-index (Scopus data base): 4.96, Highest H-Index of faculty: Google

Scholar h-index 23, Scopus h-index 20.

Publications: Q1: 17, Q2: 13, Q3: 19, Q4: 10, Total: 57

7. Sponsored projects: Amount: 236.26L. Applied: 8, Ongoing: 18, completed: 5

8. Consultancy Amount earned: NIL

9. Start-ups & Entrepreneurship: No: 2, Awards from outside platforms: 2 (RVR Tbi, ANRAU).

10. Incubation centers: established: 01 (Indian Server), Status of incubation: Active.

11. Patents: Filed: 5, Published: 9, Granted: 1

12. Innovations: 28, Awards from outside platforms (reputed Institutions only) : 15 Institutions

13. Books / Book chapters (with ISBN/ISSN only are considered): 18

14. e-Content developed: Lectures added to Web-resources: 1 (YouTube), All Faculty (in LMS)

15. Placements: No: 534, Percentage: 87, Median salary: 4.6 L, Highest salary: 48L

16. Higher Education: GATE No: 5, GRE No: 6, Others (specify): TOEFL : 5, PGCE: 02

17. New Equipment and Infrastructure added: 471,48,074. (Cyber security Lab Equipment"s & others)

18. Student feedback on Curriculum, infrastructure and facilities: Yes

19. Strengths:

1. Documentation and file maintenance is well maintained.
2. Projects worth of Rs. 2.20 Crores is evidenced in 2024-2025
3. New laboratories worth Rs. 5.71 crores are established.
4. Motivated faculty in the department

20. Weaknesses (mandatory field to fill) :

1. Number of Q1 and Q2 Journals is less compared to the total number of faculty available in the department.
2. Very less numbers of ICT based sessions are recorded for the students' convenience.

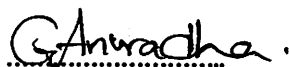
21. Suggestions for improvement (mandatory field to fill):

1. Quality of External question papers needs to be improved to include questions from majorly from BTL 3 and above.
2. Modified Courses Syllabus need to be relevant to the course title.
3. Design Lab Exercises to promote Critical thinking among students.
4. Need to initiate work life balance measures for the faculty and non – teaching staff, encouraged to organize training programs towards well-being of employees.
5. Student Faculty Ratio of 1:25

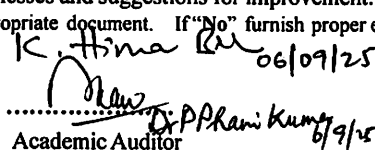
18. Document addressing previous academic year weaknesses and suggestions for improvement.

Enclosed: Yes / No.

If „yes“ enclose an appropriate document. If „No“ furnish proper explanation.



Dept. IQAC In-charge

  
Academic Auditor

  
Head of the Dept.

IQAC Coordinator.....

Dean IQAC: .....  
Dept. of Computer Science & Engineering  
Siddhartha Academy of Higher Education  
Deemed to be University  
Vijayawada-520 007  
SU





## **SIDDHARTHA ACADEMY OF HIGHER EDUCATION**

**An Institution DEEMED TO BE UNIVERSITY**

(Under Section 3 of UGC Act, 1956)

(Sponsored by Siddhartha Academy of General & Technical Education,  
Vijayawada, A.P.)

### **Department of Computer Science & Engineering**

#### **Exit Meeting**

06.09.2025

Academic Audit is conducted in CSE Department on 06.09.2025 from 10:00AM in CSE Department.  
The following are observed during the Audit process.

**1. Strengths:**

1. Documentation and file maintenance is well maintained.
2. Projects worth of Rs. 2.20 Crores is evidenced in 2024-2025
3. New laboratories worth Rs. 5.71 crores are established.
4. Motivated faculty in the department.

**2. Weaknesses (mandatory field to fill):**

1. Number of Journals is less compared to the total number of faculty available in the department.
2. Very less numbers of ICT based sessions are recorded for the students' convenience.

**3. Suggestions for improvement (mandatory field to fill):**

1. Quality of External question papers needs to be improved to include questions from majorly from BTL 3 and above.
2. Modified Courses Syllabus need to be relevant to the course title.
3. Design Lab Exercises to promote Critical thinking among students.
4. Need to initiate work life balance measures for the faculty and non – teaching staff, encouraged to organize training programs towards well-being of employees.
5. Student Faculty Ratio of 1:25

*G. Anuradha.*  
Dept. IQAC In-charge

*Ghy*  
IQAC Coordinator.....

**IQAC Co-ordinator**  
**V.R. Siddhartha Engineering College**  
**Deemed to be University**  
**VIJAYAWADA-520 007.**

*K. Hima Bala* 06/09/25  
Ext Member  
*Phani Kumar*  
Int. Member *Dr P Phani Kumar*  
(ECE Dept)  
Academic Auditor

*[Signature]*  
Head of the Dept.  
Professor & Head  
Dept. of Computer Science & Engine  
Siddhartha Academy of Higher Educ  
Deemed to be University  
Vijayawada-520 007  
Dean IQAC: *[Signature]*

**DEAN**  
**Research, Technology Development**  
**V.R. Siddhartha Engineering College**  
**Deemed to be University**  
**VIJAYAWADA-520 007**



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING: : VRSEC**  
**FOLLOW UP ACTIONS TAKEN IN REGARD - 2023-24 DEPARTMENT ACADEMIC AUDIT**  
**Dt: 20-08-2025**

**Agenda of the Audit**

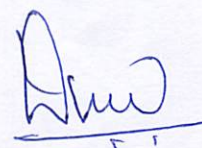
- I. PEO's, PO's and Curriculum
- II. Faculty information and their contribution
- III. Teaching-Learning Process and Evaluation
- IV. Research, Consultancy and Extension
- V. Infrastructure and Learning Resources
- VI. Student information, Support and Progression
- VII. Governance, Leadership and Management

**Participants in the Audit**

Senior faculty, Head of the Department, Internal Audit members "Dr T. Anuradha, Professor, Dept of IT, V.R. Siddhartha Engineering College" and External Audit member "Dr.B.N Jagadeesh, AProfessor, Department of Computer Science and Engineering, VIT Andhra Pradesh," were present in the audit done on 05/08/2024.

**The suggestions given for the improvement of the department in the academic audit and the department proposed follow up action plan to be implemented from 2024-25 is as follows:**

S. No	Suggestions for improvement of the department made by External Audit members	Proposed follow up actions to be implemented in the department from 2024-2025	Status/Outcome
1	Need to improve Quality Circles	Students are categorized into <b>Elite</b> and <b>Elite++</b> groups based on their skill sets. Each group is guided by <b>10 faculty members</b> to encourage teamwork, problem-solving, leadership, and effective communication.	Students to become industry-ready professionals with strong problem-solving, leadership, and communication abilities, thereby improving placement outcomes.
2	Collect curriculum feedback from faculty with signatures	Online curriculum feedback is collected from faculty members for their respective subjects every academic year	The feedback helps in identifying strengths and areas for improvement in the curriculum
3	Add rubrics for ALMs in course handout	Standardized rubrics will be included in every course handout for evaluating ALM activities.	Improved <b>transparency</b> and <b>uniformity</b> in assessment, students receive clear evaluation criteria.



**HOD-CSE**

Professor & Head  
 Dept. of Computer Science & Engineering  
 Siddhartha Academy of Higher Education  
 Deemed to be University  
 Vijayawada-520 007