



**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**  
(With effect from 2020-21)

School Name : **School of Science**

Department Name : **Computer Applications**

Programme Name : **Master of Computer Applications**

Academic Year : **2024-2025**

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

**I. POs, PSOs and Curriculum**

S. No	Criteria	Observations
1.	POs & PSOs attainment along with sample calculation sheet	FCARs are prepared. COs and POs attainments are calculated and POs are attained.
2.	Stakeholders feedback collected, analyzed & action taken related to curriculum design (with evidences)	Feedback from Employers, Industry experts, Alumni, Parents and Faculty is collected, consolidated and action taken Report is available.
3.	Extent of stakeholders satisfaction with curriculum revision	Feedback is collected from the stakeholders on curriculum and are the stakeholders are satisfied.
4.	-New courses introduced -Courses upgraded with more than 25% of course content	<ul style="list-style-type: none"><li>• Two New courses are introduced during the year</li><li>• Two courses are upgraded during the year</li></ul>
5.	Lab component - New labs added - No. of new experiments introduced - New Hardware / Software developed	Two new lab courses are introduced
6.	No. & % of courses focusing on employability/ entrepreneurship/ skill development.	<ul style="list-style-type: none"><li>● 76.50 (13/17) in SU24 regulations</li><li>● 87.50(14/16) in MCA23 regulations</li></ul>
7.	No. of students undertaken -full time field projects. -full time internships:	<ul style="list-style-type: none"><li>● Full time field projects: 59</li><li>● Full time internships: 2</li></ul>

## II. Faculty information and their contribution

S.No	Criterion	Observations
1.	Teacher- student ratio	1:16
2.	Faculty Cadre ratio	1:0:7
3	Faculty experience & retention	Minimum 17 years
4.	Faculty qualifications: Percentage of existing faculty with PhD Faculty awarded with PhD: Faculty submitted their PhD: Faculty pursuing PhD: Faculty registered for PhD:	50% of existing faculty with Ph.D
5.	Faculty with Post-Doctoral Fellowship or Pursuing it:	NIL
6	Faculty guiding /guided PhDs:	01/05
7.	Percentage of faculty contributing in ... .....research publications: .....books: .....chapters:	10 Publications  Journal - 3 Conference -2 Book Chapter -5
8.	e-Content development / Lectures added to Web-resources	Using MOODLE
9.	Faculty <b>contribution</b> in professional organizations/ Reviewer / Editorial boards: <i>(not mere memberships)</i>	NIL
10.	Academic Awards/Rewards received:	NIL
11.	Faculty contribution in Industry / Institute collaborative projects	NIL
12.	Faculty trained in Industry	NIL
13	Faculty contribution in obtaining internships/ Placements/ MoUs	NIL
14	Faculty as resource persons in webinars/ workshops / key note speaker / training activities	NIL
15	National level events organized -Conferences: -Workshops/ Seminars: - Webinars - FDPs: International level events organized - Conferences - Webinars -Workshops/Seminars	Guest Lecture -3 Workshops-4 Seminars-1 Value added Courses-5
16	List of conferences/seminars/ webinars/ workshops/FDPs attended for the enrichment of teaching - learning process	Total - 44

17	Faculty interaction with outside world (BOS/NBA/Examiner for PhD evaluation / selection committee / Academic auditing / Chairperson /Chief guest /etc.)	NIL
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### III. Teaching-Learning Process and Evaluation

S. No	Criterion	Observations
1.	Student performance indices Measures to reduce detentions -Attendance (detentions if any). -Exams (detentions if any).	No detentions
2.	Mechanism and activities for slow learners: Outcome:	NIL
3	Mechanism and activities for Fast learners to excel: Outcome:	65 Students completed NPTEL Courses
4	Bridge courses: Value added courses:	Value added courses - 5
5	Quality circles and Practice: Outcome:	NIL
6.	Student counseling /mentoring mechanism	Proctor dairies are being maintained
7.	Initiatives taken for innovative mini and major projects -Training for students & faculty	Workshops and Value added Courses are Conducted
8.	Best student projects with awards	02 best projects are identified
9	Student Model developments: Awards:	NIL
10	Student Innovation details: Awards:	NIL
11	Student Publications (other than IV.1) -UG: -PG:	PG Student Publications: 11 <ul style="list-style-type: none"> <li>• 04 -SCOPUS indexed IEEE Conference Publications</li> <li>• 07 - yet to be indexed in SCOPUS</li> </ul>
12	Monitoring of teaching-learning process -- Mechanism for Assessment of teaching process inclassrooms. -- Random verification of evaluated answer papers and question paper during the semester. -- Innovative teaching methods presented, if any -- Verification of course files	<ul style="list-style-type: none"> <li>• HOD monitors the teaching process in classrooms.</li> <li>• HOD randomly verified the answer sheets.</li> <li>• NPTEL video lectures and PPTs are presented in classrooms.</li> <li>• Verified course files are satisfactory but articulation of CO-PO attainment is required.</li> </ul>

13	Student enrolment in CBCS	Not Applicable
14	EPICS (Engineering projects in community service) Projects: Awards:	NIL
15	Activities of students in professional bodies: Awards in co-curricular activities:	NIL
16	Training programs / Seminars/ workshops organized for students:	Workshops 4, Seminar - 1
17	Guest lecturers conducted for Students:	3 Guest Lectures
18	MoUs with Industries for Research / Consultancy/ internship/ placements, etc.	Existing (Active) :01, Newly added..... Total: 01
19	Students feedback	Collected
20	Feedback follow-up action	No follow-up action because all Faculty feedback is $\geq 3.5$
21	Scope for Self-learning: -Certificate courses -Online courses	65 students done NPTEL
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 be discussed &amp; suitable measures are to be taken up.</i>	Audited  OC - 31758 BC-A - 12967 BC-B - 24887 BC-D - 21305 BC-E - 25635 SC - 29913 ST - NIL  Previous Year OC - 2288 BC - 10531 SC - 10950 ST - 33312
23	<b>Range of CGPA &amp; % of students</b> 10 -8 CGPA: 7 CGPA: 6 CGPA: 5 CGPA: No. & % of failures: Success rate as per NBA guidelines:	Total No. Of Students 61 10 - 8 - 33 7 - 25 6 - 6 5 - 1  No. Of failures - 14.75% Total - 9



#### IV. Research, Consultancy and Extension

S. No	Criterion	Observations
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 - 03
2.	Publications in conferences: - National (Scopus, SCI & equivalent) - International (Scopus, SCI equivalent) - Total:	Scopus - 2
3.	Faculty contribution in: .....Books: .....Book chapters: (Books/Chapters with ISBN/ISSN only are considered)	Book Chapter - 5
4.	Paper Publications & Book chapters:	Q1....., Q2.....,  Q3:1, Q4:2 Total: 10
5.	Government: Funded R&D projects	Applied:..... Total Amount:..... Ongoing:..... Total Amount:..... Completed:..... Total Amount: NIL
6.	Non- Government: Funded R&D projects / Industry sponsored projects	Applied:..... Total Amount:..... Ongoing:..... Total Amount:..... Completed:..... Total Amount: NIL
7.	Faculty involved in Consultancy & amount earned	NIL
8.	Faculty intellectual property rights / Patents:	Filed:.....Published: 4 (Utility), Granted: 2 (Design)
9.	In-house R&D grants & projects and their outcomes	NIL
10.	New research facilities/ laboratory facilities added	NIL
11.	MOU's with industries/ R&D/ Premier Institutes Details of activities:	NIL
12.	Research centers of excellence established. Outcome in research centers:	NIL
13.	Skill development centers established: outcome:	NIL
14.	Incubation centers: - Established with outside Industries : -Status of incubation:	NIL
15.	Start-ups & Entrepreneurships: No of Start-ups & status: Awards from outside platforms:	NIL

## 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:	NIL
2.	Internet facilities for faculty & Students:	Centralized Wifi and LAN is provided in classrooms, staff rooms and also in Lab.
3.	Technical manpower support added:	No
4.	Modern / new equipment added in Laboratories:	01 Sound System Amount: 81,088.
5.	New research facility /Computing facilities / laboratory added:	No
6.	Dept. News letter / magazine:	NIL
7.	Department library: New additionsText books / References / Journals	32 books added.

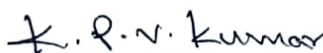
## VI. Student information, Support and Progression


S. No	Criterion	Observations
1	Industrial visits	NIL
2	Internships	01
3	Dept. student clubs: Activities:	NIL
4	Details of coaching provided for GATE/GRE/any other competitive exams	NIL
6	Students qualified in -GATE -GRE/etc.	NIL
7	Students admitted for Higher studies (No & %):	NIL
8	Total Placements (No & %) in the Dept: 2 - 4 Lakhs (No.): 4 Lakhs above (No.): 5 Lakhs above (No.): Highest salary (No.): Median salary:	32 Nos. and 38% placements 2-4 Lakhs - 16 4 Lakhs - 14 5 Lakhs - 01 Highest salary - 1, 6.00 LPA Median - 4.05 LPA
9	Student prizes:	Cultural: 1 <sup>st</sup> Prize in dance competition.
10	Student Scholarships:	4 Student - 1,06,000/-

## VII. Governance, Leadership and Management

S. No	Criterion	Observations
1	Setting of annual goals by individual faculty for their academic improvement.	<ul style="list-style-type: none"> <li>Annual Goals for individual faculty are assigned</li> </ul>
2	Setting of departmental annual goals by HOD for the improvement of dept.	<ul style="list-style-type: none"> <li>Departmental annual goals are set</li> </ul>
3	Teaching staff attended for skill development/ Industry training/ any professional development programs	<ul style="list-style-type: none"> <li>Conferences : 10</li> <li>Workshops : 01</li> <li>FDPs : 34</li> </ul>
4	Non-teaching staff attended for skill development programs	2 Skill development programs Non - teaching staff attended.

5	Financial support received from the Management: Seed Grant for faculty: Incentive for Sponsored projects: Incentive for paper publications: Attending FDPs/ Seminars/ etc: Attending overseas seminars: Interaction with R & D personnel: Others:	54,883 - received from management
6	Financial support received from the Management: Student Projects: Model developments & exhibition: Student Innovations & exhibition:	NIL
7	Quality policy & Quality objectives Committees & duties: Cells & duties:	
8	Maintenance -General -Laboratory -Others	
9	Financial support/ leaves for qualification/ skill up- gradation:	NIL
10.	Risk evaluation/ safety measures:	Fire extinguishers are available.

  
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 Dept. IQAC In-charge

  
**Dr. M. Sobhana**  
 Academic Auditor

  
**Dr. Koya Purnachandra Rao**  
 Head of the Dept.  
**Professor & Head**  
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## Academic Audit Report (Consolidated)

1. **Name of Department:** Computer Applications Year : 2024-2025
2. **No. of full time permanent faculty:** 08
3. **No. of Visiting/Adjunct faculty:** NIL
4. **No. of PG / UG courses:** One PG Course - MCA
5. **Curriculum Revisions Information:**
  - Major Changes : NIL
  - New courses : 02
  - Modified courses (min 20-25% change): Yes
  - Employable courses: 76.50 (13/17) in SU24 regulations  
87.50.67 (14/16) in MCA23 regulations
6. **Research:** Ph.D. Thesis submitted: 02    Awarded: NIL
  - Faculty guiding / guided Ph.Ds : 01
  - Publications in Jrs: SCI/SCIE: 00    Scopus: 03    Total: 03
  - Publications in Conferences and book chapters: SCI/SCIE: nil Scopus: 07 Total: 07
  - Student Publications: PG: Scopus(IEEE): 11    Total: 11
  - Dept H-index : Highest H-Index of faculty: 07
  - Publications: Q1: --, Q2: --, Q3: 01, Q4: 02
  - Total: **21 (Faculty-10, Students-11)**
7. **Sponsored projects:** Amount: NIL
8. **Consultancy Amount earned:** NIL
9. **Start-ups & Entrepreneurship:** NIL
10. **Incubation centers:** NIL
11. **Patents:** Published: 04 (Utility), Granted: 02 (Design)
12. **Innovations:** NIL
13. **Books / Book chapters** (with ISBN/ISSN only are considered): 05
14. **e-Content developed:** Lectures added to Web-resources: Yes
15. **Placements:** No: 32, Percentage: 38%, Median salary: 4.05 LPA, Highest salary: 6.00 LPA
16. **Higher Education:** GATE No: NIL    GRE No: NIL    Others (specify) :--
17. **New Equipment and Infrastructure** added: 01 Amplifier Amount: 81,088
18. **Student feedback** on Curriculum, infrastructure and facilities: Yes
19. **Strengths:**
  - More number of events are organized for the students in comparison to the previous academic year.
20. **Weaknesses** (mandatory field to fill) :
  - No Faculty is involved in consultancy.
  - No R&D Projects initiated during the year

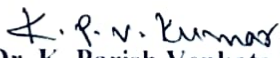
21. **Suggestions for improvement** (mandatory field to fill):


- Publication need to be improved.
- Can improve in collaborative projects.
- Recommend faculty to go as resource person for other colleges.
- Suggested to add action taken for feedback of faculty less than 4
- Remedial classes to be conducted for slow learners.
- Recommended to conduct more workshops on emerging concepts.
- ALM's to be maintained with proofs.
- Recommended to do some EPICS Projects.
- Student Clubs to be created to improve the skills.


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

Enclosed: No

All Faculty members are trying to get consultancy projects.

  
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IQAC Coordinator.....

Dean IQAC: .....

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