



SHRI GNANAMBICA DEGREE COLLEGE

(AUTONOMOUS)
(Affiliated to S.V. University)



MINUTES OF FOURTH BOARD OF STUDIES MEETING

FACULTY: COMPUTER SCIENCE & APPLICATIONS

BOARD OF STUDIES: COMPUTER SCIENCE & APPLICATIONS

The meeting of Board of Studies (BoS) was held as given below:

Name of the Body	BoS
Department	COMPUTER SCIENCE & APPLICATIONS
Meeting No.	4
Date and Time	22-09-2025 11:00 a.m.
Venue	Srinivasa Seminar Hall, Block II, ShriGnanambica Degree College (A)
Members attended	The details are given in Annexure-1

Agenda

1	Setting Framework of courses – Programs mapping w.e.f. AY 2025-26
2	Evaluation of Syllabus and approving for Semester I of all groups.
3	Suggesting a panel of names for appointment as Examiners.
4	Any other Matters.



C. Ramesh
CHAIRMAN
BOARD OF STUDIES
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The chairman of BoS welcomes all the panel members for the meeting. The items listed in the agenda were taken for discussion.

Item 1	Evaluation of Syllabus and approving for I Semester of all programs.
Discussion	<p>The Chairman of the Board of Studies, Department of Computer Science, proposed the following course syllabus for Academic Semester I.</p> <p>In framing the syllabus, the Chairman has carefully considered the current industrial requirements to ensure that the programs remain relevant and beneficial for students' career prospects.</p> <p>The proposed courses for the respective programs are as follows:</p> <p>Bachelor of Science (Computer Science)</p> <ol style="list-style-type: none"> 1. COMPUTER FUNDAMENTALS AND OFFICE AUTOMATION 2. PROGRAMMING WITH C <p>Bachelor of Science (Data Science)</p> <ol style="list-style-type: none"> 3. COMPUTER FUNDAMENTALS AND OFFICE AUTOMATION 4. STATISTICAL FOUNDATIONS OF DATA SCIENCE <p>Bachelor of Science (Artificial Intelligence)</p> <ol style="list-style-type: none"> 5. COMPUTER FUNDAMENTALS AND OFFICE AUTOMATION 6. MATHEMATICS FOUNDATION FOR AI <p>Bachelor of Computer Applications (All Programs)</p> <ol style="list-style-type: none"> 7. BASICS OF COMPUTERS AND OFFICE AUTOMATION 8. PROBLEM SOLVING USING C <p>Bachelor of Commerce (Computer Applications)</p> <ol style="list-style-type: none"> 9. FUNDAMENTALS OF INFORMATION TECHNOLOGY AND OFFICE AUTOMATION <p>Skill Paper (Common to All Programs)</p> <ol style="list-style-type: none"> 10. AI Fundamentals

For the **Bachelor of Science (Data Science)** program, **Statistical Foundations of Data Science** paper has been proposed, requested HoD, Department of Statistics to Design and Handle the paper.

The Board considered **Basics of Computers and Office Automation** for **All Bachelor of Computer Applications Programs**. The discussion emphasized the need for students to develop strong foundational knowledge in computing environments and office productivity applications, as this is critical for subsequent programming and database courses. **Decision: Accepted without modifications.**

The subject **Problem-Solving Using C** was also reviewed. Members recognized its importance in developing logical thinking, structured problem-solving skills, and practical programming proficiency, which are core to the **BCA** curriculum. The Board agreed that early exposure to C programming prepares students for advanced courses in object-oriented programming and software development. **Decision: Accepted without modifications.**

For **Bachelor of Commerce (Computer Applications)**, the proposed subject **Fundamentals of Information Technology and Office Automation** was examined. The Board emphasized that commerce students require a strong understanding of IT tools and office automation software to meet modern business requirements. Members noted that this course ensures students acquire skills in document management, spreadsheets, and presentations, which are essential in commerce-related roles. **Decision: Accepted without modifications.**

The **Skill Paper on AI Fundamentals**, common to all programs, was discussed. The Board highlighted its importance in introducing students to the basic concepts of artificial intelligence, including problem-solving, search techniques, and real-world AI applications. Members emphasized that early

Discussion and Decisions

The Board of Studies commenced its review of the Semester I syllabus across all programs with the aim of aligning academic content with foundational skills required for further studies and emerging industry demands.

For **Bachelor of Science (Computer Science / Data Science/ Artificial Intelligence)** program, the first subject, **Computer Fundamentals and Office Automation**, was discussed in depth. Members highlighted that the subject provides essential knowledge of computer systems, operating environments, and commonly used office productivity tools such as word processors, spreadsheets, and presentation software. It was agreed that these skills form a crucial foundation for students, particularly those pursuing Computer Science and Data Science, as they enable both academic and practical competence in technology use. **Decision: Accepted without modifications.**

For **Bachelor of Science (Computer Science)**, **Programming with C**, was reviewed with focus on its importance in introducing students to procedural programming, algorithmic thinking, and problem-solving techniques. During the discussion, a member proposed a modification to the **sequence of topics, suggesting that "Pointers" should come after "Functions"** to improve conceptual clarity and learning progression. The Board deliberated on the proposal, considering the pedagogical implications for beginners, and concluded that the current sequence provides a more structured and gradual introduction to programming concepts. **Decision: Proposal rejected; syllabus retained as originally proposed.**

For the **Bachelor of Science (Artificial Intelligence)** program, **Mathematical Foundation For AI** paper has been proposed, requested HoD, Department of Mathematics to Design and Handle the paper.

	exposure to AI concepts across disciplines prepares students for future specialization, interdisciplinary projects, and industry readiness. Decision: Accepted without modifications.
Resolution	After comprehensive deliberations and subject-wise discussions, the Board of Studies unanimously resolved that the proposed Semester I syllabus be implemented for the Academic Year 2025–2026 . The Board further resolved that the syllabus be periodically reviewed in subsequent meetings to ensure continued alignment with academic standards, emerging technologies, and industry requirements.



c Mahesh Babu

CHAIRMAN
BOARD OF STUDIES
Shri Gnanambica Degree College (A)
MADANAPALLE - 517 325

Item 2	Suggesting a panel of names for appointment as Examiners
Discussion	The Members of Board discussed and finalized the External Examiners and Question Paper Setters as per the College norms
Resolution	The Suggestions by the Board Members have been considered

The Chairman of Board of Studies thanked all the Members for their active participation and cordially invited them for the next meeting.

Date: 22-09-2025

C Mahesh Babu

BoS Chairman / HoD
Department of Computers
Shri Gnanambica Degree College (A)
Madanapalle - 517325



CHAIRMAN
BOARD OF STUDIES
Shri Gnanambica Degree College (A)
MADANAPALLE - 517 325.

BOARD OF STUDIES: COMPUTER SCIENCE & APPLICATIONS

S.No	Name & Designation	Address	Position of BOS	Signature
1	Mr.C.Mahesh Babu Assistant Professor & Head	Shri Gnanambica Degree College (A), Madanapalli.	Chairman	<i>C Mahesh Babu</i>
2	Dr.B.Kavitha Assistant Professor	Sanjay Gandhi Govt. Degree College, Piler.	University Nominee	<i>BKS</i>
3	Sri. T.Subramanyam Assistant Professor	NTR Govt. Degree College, Vayalpadu.	External Member-Subject Expert	<i>T. Subramanyam</i>
4	Ms.A.Haritha Assistant Professor	SKR & SKR Govt. Degree College (A), Kadapa.	External Member-Subject Expert	<i>online</i>
5	Dr. A.Srilakshmi Assistant Professor	Govt. Degree College (A), Nagari.	External Member-Subject Expert	<i>A. Srilakshmi</i>
6	Mr.D.Gnanavenkata Kumar	IIIT Idupulapaya.	Industry Representative	<i>online</i>
7	Mr.Y.Yesu Raju Senior Software Engineer	State Street, Bangalore.	Alumni	<i>online</i>
8	Mrs.S.Kavitha Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	<i>S. Kavitha</i>
9	Mr.M.S.Rajanikanth Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	<i>M. S. Rajanikanth</i>
10	Ms.K.Reddy Haritha Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	<i>K. Reddy Haritha</i>
11	Mr.K.Swethan Kumar Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	—
12	Ms.P.Akhila Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	<i>P. Akhila</i>
13	Mr.Y.Krishnahasan Reddy Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	<i>Y. Krishnahasan Reddy</i>
14	Mr.B.Niranjana Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	<i>B. N. Niranjana</i>
15	Mrs.J.Durga Assistant Professor	Shri Gnanambica Degree College (A), Madanapalli.	Internal Member	—



C Mahesh Babu
 CHAIRMAN
 BOARD OF STUDIES
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Minutes of the Board of Studies (BoS) Meeting No.5 Department of Computer Science & Applications (UG – Autonomous)

The meeting of the Board of Studies (BoS) of the Department of Computer Science & Applications was held in **hybrid mode** on **26-11-2025 at 2.00 p.m.**, wherein the internal faculty members participated in person and the external members and subject experts joined the meeting through online mode.

The Chairman of the Board of Studies welcomed all the BoS members, subject experts, industry representatives, and invitees to the meeting. The Chairman briefed the members on the objectives of the meeting, with specific emphasis on syllabus framing, course structuring, and curriculum alignment for the Undergraduate programs under the autonomous scheme.

Agenda	
1	Evaluation of Syllabus and approving for II and IV Semester of all groups.
2	Suggesting a panel of names for appointment as Examiners.
3	Workshops for enhancement of technical skills and understand industrial needs.
4	Extra-curricular activities to provide skill development and student engagement.
5	Any other Matters.

With the permission of the Chair, the agenda items circulated in advance were taken up for discussion. The Chairman presented the proposed syllabus framework, including the **course-program mapping table**, wherein each course was aligned with the respective Undergraduate programs based on academic relevance, program objectives, and interdisciplinary applicability.

While framing the syllabus, due emphasis was laid on aligning the curriculum with **current industry requirements, emerging technologies, skill development, and outcome-based education (OBE)**. The Board noted that the course-program mapping approach facilitates interdisciplinary learning, effective sharing of common courses across multiple programs, and optimal utilization of academic resources, in accordance with UGC guidelines, NEP principles, and NAAC recommendations.



C. Mahesh
CHAIRMAN

BOARD OF STUDIES

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The BoS members examined the proposed syllabus structure, course levels, course titles, and program applicability in detail. The members actively participated in the deliberations and offered their valuable suggestions regarding course content, sequencing, and applicability. **Certain corrections and refinements were suggested by the members,** which were discussed during the meeting and were agreed upon for incorporation in the subsequent revisions of the syllabus document.

After detailed deliberations, the Board **unanimously resolved to approve the proposed course structure and course-program mapping for the Undergraduate programs of the Department of Computer Science & Applications,** subject to the incorporation of the agreed corrections and suggestions as discussed.

ITEM-1

SEMESTER II

SL	Course No	COURSE TITLE	Programs Mapped
1	C3	DATA STRUCTURES USING C	Common To BCA (All Groups) & BSC CS
2	C4	DATABASE MANAGEMENT SYSTEMS	BCA
3	C4	ARTIFICIAL & COMPUTATIONAL INTELLIGENCE	Common To BCA (AI) & BSC (AI)
4	C4	DIGITAL LOGIC DESIGN	BSC CS
5	C3	PYTHON PROGRAMMING AND DATA STRUCTURES	COMMON TO BSC DS & AI
6	C4	STATISTICAL DISTRIBUTIONS FOR DATA SCIENCE	BSC DS
7	C3	E-COMMERCE & WEB APPLICATION DEVELOPMENT	BCOM
8	C1	APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN COMPUTERS	BCA & BSC
9	C1	APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN LIFE SCIENCES	BSC BIO
10	C1	APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN BUSINESS & COMMERCE	BCOM

SEMESTER IV

SL	Course No	COURSE TITLE	Programs Mapped
1	C9	PYTHON PROGRAMMING	Common To BCA And/ Bca (AI)
2	C10	OPERATING SYSTEMS	BCA
3	C11	WEB PROGRAMMING	BCA
4	C10	PROLOG PROGRAMMING	BCA AI
5	C11	STATISTICAL TECHNIQUES	BCA AI
6	C9	DATABASE MANAGEMENT SYSTEM	BSC CS
	C10	OBJECT ORIENTED SOFTWARE ENGINEERING	BSC CS



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8	C11	DATA COMMUNICATIONS AND COMPUTER NETWORKS	BSC CS	✓
9	C9	DATA VISUALIZATION USING TABLEAU	BSC DS	✓
10	C10	DATA VISUALIZATION USING PYTHON	BSC DS	✓
11	C11	INTRODUCTION TO SQL & ADVANCED TABLEAU	BSC DS	✓
12	C11	DATABASE MANAGEMENT SYSTEM WITH ORACLE	BCOM	*
13	C3	DATABASE MANAGEMENT SYSTEMS	MINOR	✓
14	C4	OBJECT ORIENTED PROGRAMMING WITH JAVA	MINOR	✓

**Resolutions Passed – Board of Studies Meeting
Department of Computer Science & Applications (UG – Autonomous)**

Resolution No.	Description of Resolution
1	The Board of Studies unanimously resolved to approve all the proposed papers along with their respective syllabi as presented for the Undergraduate programs of the Department of Computer Science & Applications.
2	The Board reviewed the syllabus of the Python Programming paper prescribed for Semester IV and suggested interchanging Chapter 1 and Chapter 2 to ensure better conceptual flow and ease of understanding for students. The Board approved the Python paper with the revised chapter sequence, and the modification was duly incorporated.
3	The external members suggested the removal of certain C language practical programs considering their level of difficulty. After detailed deliberations, the majority of the members opined that retaining the existing practical programs would help students develop strong programming and problem-solving skills. The Board resolved to continue the C programming practical syllabus without any changes.
4	The Board recommended the introduction of programming-oriented add-on courses for B.Sc. Artificial Intelligence and B.Sc. Data Science programs to enhance applied programming skills. Accordingly, the Board resolved to offer the “Programming with C” course as an Add-On Course for B.Sc. Artificial Intelligence and B.Sc. Data Science students.
5	The Board resolved to conduct hands-on workshops on Internet of Things (IoT) components for students, with an emphasis on experiential learning and practical skill development, enabling real-world exposure to IoT hardware, sensors, and applications.

All the above resolutions were **unanimously approved** by the members of the Board of Studies.




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Shri Gnanambica Degree College (A)
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ITEM-2	Suggesting a panel of names for appointment as Examiners.
Discussion	The members of board discussed and finalized the external examiners and question paper setters as per the college norms.
Resolution	The suggestions by the board members have been considered

Item 3	Workshops for enhancement of technical skills and understand industrial needs.
Discussion	The mandatory workshops by IIC are being managed by department and the team programmer's league to conduct other extra workshops and seminars by external resource persons
Resolution	The suggestions by the board members have been considered

Item 4	Extra-curricular activities to provide skill development and student engagement.
Discussion	The mandatory workshops by IIC are being managed by department and the team programmer's league to conduct other extra workshops and seminars by external resource persons
Resolution	The suggestions by the board members have been considered

The Chairman expressed sincere thanks to all the members for their constructive inputs, academic guidance, and continued support in strengthening the curriculum framework of the department. The meeting concluded with a vote of thanks to the Chair.



C. Mahesh
CHAIRMAN
BOARD OF STUDIES
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Board of Studies: Department of Computer Science & Applications

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2	Dr. B. Kavitha, Assistant Professor	Sanjay Gandhi Govt. Degree College, Piler	University Nominee	—
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