

PITHAPUR RAJAH'S GOVERNMENT COLLEGE(A)

(An Outcome-Based, NAAC accredited Green Autonomous Institution)

KAKINADA



DEPARTMENT OF MATHEMATICS

BOARD OF STUDIES MEETING

ACADEMIC YEAR:2025-26

07 AUGUST 2025



Introduction

The Board of Studies is a statutory body and reports to the Academic Council through the Principal Concerned. Each Academic Department shall have a Board of Studies. All academic matters like Introduction of a new Academic Programme, Revision of a programme / course, review of academic rules, etc. shall be handled by the board of studies.

> Composition of the Board of Studies

The Board of Studies shall consist of:

- Head of the Department Chairman
- All Lecturers of the Department.
- External Members (a minimum of two)- Co-opted for their expertise and belonging to the concerned profession or industry –in consultation with the Vice Chancellor.
- Three student numbers from each year (1st,2nd, 3rd) nominated by HoD.
- Secretary nominated by the Head of the Department from the Department.

> Constitution and functions of BOARD OF STUDIES:

- The BoS shall be constituted by the department for a period of THREE years.
- The meetings of the BoS shall be arranged at least ONCE IN A YEAR.
- The members of the BoS will be nominated by the Director from the list recommended by the Head of the department.
- In the absence of the Chairman (BoS), the senior member of the BoS will act as Chairman with the director's approval.
- The BoS shall co-opt experts in a particular field as a member of BoS with prior approval of the Director.

➤ The Board of Studies shall have a power:

- To prepare a detailed content of different courses of each department and submit to the Senate for approval.
- Revise / update the contents of the syllabi from time to time and submit to the Senate for approval.

Meetings of the Board of Studies

The Board of studies shall meet as often as may be necessary but not less than two times during the academic year / semester

- A notice of at least 15 days shall be given for a meeting of the Board of studies along with the agenda prepared with the approval of the Chairman, Board of Studies.
- Every meeting shall be presided over by the Chairman of the Board of Studies.
- Secretary shall finalize the Minutes of the proceedings as soon as possible after the meeting.
- Decisions at the meeting shall be taken by a simple majority and shall come into force only on the approval by the Academic Council. However the proposals shall be recommended by the Dean concerned to the Academic Council

> Powers of the Board of Studies

- Review of structure of the existing programmes, Course syllabi.
- Review / amend of Academic Rules and teaching standards in tune with the Evaluation Standards.
- Introduction of a new Programme
- Increase of intake in a programme.
- Education Pedagogy including methods such as group discussed seminars, Projects etc.,
- Any other academic matter.
- Recommend on improvements on evaluation methodology to Director evaluation once in an year.

> Role of the Board of Studies

- Collect the feed-back on the programmes from outside agencies like industry or other employing agencies periodically.
- To monitor and review the existing programme structures, course syllabi, vis-à-vis programmes
 of other Institutes, teaching and evaluation methodology, market requirement, modern trend and
 update the courses and programmes and make suggestions for amendments, if any.
- While making any suggestions, Board of Studies should keep in mind that no compromise has been made with the objectives, vision and mission of the Institute and also with the education and evaluation methodology and education standards and suggestions to Principal (Evaluation & Academic Registration)
- All the decisions / recommendations shall be minuted and forwarded to the Academic Council for their consideration and approval and further necessary action through the principal concerned.

PROCEEDINGS OF THE PRINCIPAL (FAC), PITHAPUR RAJAH'S GOVT. COLLEGE [A], KAKINADA Present: Dr. Kandula Anjaneyulu, M.A, Ph.D.

Rc.No.9/A.C/BOS/2025-26

Dt.31 July 2025

Sub: Pithapur Rajah's Government College[A] Kakinada--Academic Cell- Conduct of BOS Meetings for the Academic Year 2025-26 - Guidelines issued - Regarding.

ORDER:

The autonomous colleges, in alignment with their vision, mission, stated objectives, and core values, are mandated to design and develop their own outcome-based curricula. This must be done with due consideration for societal, local, and global industry requirements, employability, and the development of industry-ready and transferable skills. Accordingly, every programme shall prescribe Course Outcomes (COs), Programme Outcomes (POs), and Programme Specific Outcomes (PSOs) along with a suitable learning outcome assessment management system, supported by a robust and transparent evaluation mechanism to measure attainment levels among students.

Further, the A.P. State Council of Higher Education (APSCHE) has introduced a revised curricular framework effective from the Academic Year 2025-26, incorporating Skill Enhancement Courses, Multi-Disciplinary courses, the Indian Knowledge System and a revised credit structure.

Our institution, from the Academic Year 2022–23 onwards, has defined a renewed vision and mission along with updated objectives and core values, necessitating the design and reorientation of its academic and research administration in line with these directives.

In light of the above responsibilities prescribed by the institution's vision and mission, NEP-2020, NAAC, NIRF, and the APSCHE's revised and new UG and P.G. curricular framework, it is imperative to customize, design, and re-orient our academic and research activities to meet the expectations of students, industries, and government stakeholders.

Accordingly, the Chairpersons of the U.G and P.G Boards of Studies (BoS) of various departments are hereby requested to make necessary arrangements to convene their BoS meetings before **09** Aug **2025**.

The Chairpersons are further instructed to:

- 1. Prepare the curricula and extracurricular activities for the Academic Year 2025–26 in line with the institution's vision, mission, NEP-2020, and NIRF norms.
- 2. Devise an appropriate evaluation system to ensure effective learning outcomes and holistic student development.
- 3. Ensure that the curriculum design includes a mandatory 20% revision of the syllabus each year without deviating from the APSCHE prescribed syllabus.
- 4. If the syllabus is not prescribed by APSCHE/Affiliating University, then the syllabus is to be

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- framed by the BOS committee concerned with duly following the mandate prescribed above.
- 5. Engage stakeholders viz employers, parents, and alumni, to obtain feedback on the existing curricula and to invite suggestions for improvements.
- 6. Invite the University nominee, subject experts, industry representatives, student representatives, and parent representatives well in advance. The meeting notice shall clearly specify the date, venue, and agenda, and a soft copy of the agenda and relevant documents shall be circulated for their perusal.
- Ensure that the subject experts invited preferably hold a Doctorate with at least 10 years of teaching experience and have relevant expertise in designing industry-related, market- and joboriented curricula.
- 8. Facilitate thorough deliberations on curriculum design, evaluation methods, incorporation of research components, measures to enhance learning experiences, and optimal utilization of existing human, physical, and ICT resources.
- Conduct all BoS meetings in offline mode. Online participation shall be permitted only under exceptional circumstances.
- 10. Prescribe benchmarking and quality initiatives in pedagogy and learning, including strategies for curriculum design and teaching-learning processes, in collaboration with the IQAC Coordinator, prior to the BoS meeting.
- 11. Ensure that a minimum student attendance of 75% shall be required for eligibility to appear for I & II Mid-Term Examinations under the CIA component; this shall be formally approved in the BoS meeting.
- 12. Approve any new programmes to be introduced for the Academic Year 2025–26, the number and frequency of certificate courses, and SWAYAM MOOCs courses.
- 13. Submit the approved BOS copies in the prescribed format, in quadruplicate (hard copies) to the Academic Cell for onward submission to the IQAC, Examination Cell, and Library, within three days of the meeting and upload the soft copy in their respective department web pages in the college website.
- 14. Ensure strict alignment of all recommendations and curriculum changes with the institution's vision and mission.
- 15. Submit a request to receive advance funds from the Examination cell through Principal for conducting BoS meetings.



ADIKAVI NANNAYA UNIVERSITY RAJAMAHENDRAVARAM OFFICE OF THE DEAN, ACADEMIC AFFAIRS

No.ANUR PR (A)/BoS/2025/38

Dt.17.06.2025

PROCEEDINGS OF THE VICE-CHANCELLOR

Sub: ANUR – University Nominees – UG Board of Studies of Pithapur Rajah's Government College (A) Kakinada – Orders – Issued Read: -Note orders of the Vice-Chancellor dated 13.06.2025

ORDER:

With reference to above, the Vice-Chancellor is pleased to order that the following members be nominated as University Subject Experts for constitution of UG Board of Studies of Pithapur Rajah's Government College (A) Kakinada, for a period of 3 years from the date of orders issued as detailed against each subject.

Sl. No	BOS	Name of the expert nominated	
1	English	Prof.S.Prasanthi Sree, M.S.N Campus Kakinada	
2	Telugu	Dr.S.Gopalayya, GDC Tadepalligudem	
3	Hindi	Dr.N.V.Ramana, GDC Ramachandrapuram	
4	Sanskrit	Dr.P.Umamaheswara Rao, Dr.V.S Krishna GDC	
		(A), Visakhapatnam	
5	Mathematics	Ms.Y.Padmaja GDC Ramachandrapuram	
6	Statistics	Dr.N.Madavi GDC(A) RJY	
7	Physics, Electronics & Renewable energy	Dr.M.V.K.Mehar, GDC, K.Perupalem	
8	Chemistry, Organic Chemistry, Analytical	Dr.T.Narasimha Murthy, GDC (A) RJY	
	Chemistry		
9	Pharmaceutical Chemistry	P.Sai Kiran, Adithya University Kakinada	
10	Botany	Dr.K.Usha sri GDC Pithapuram	
11	Zoology	Dr.K.Ramaneswari, AKNU, RJY	
12	Aquaculture	Dr.D.Kalyani, AKNU, RJY	
13	Biotechnology	Dr.B.Nageswari, GDC (A) RJY	
14	Microbiology	Dr.D.Aruna, SRR & CVR GDC (A) Vijayawada	
15	Artificial Intelligence	N.Naga Subrahmanyeswari, ASD College for	
		Women (A), Kakinada	
16	Data Science	Sri.K.Rasmi Ranjan, GDC(A), Tuni	
17	Internet of Things	Smt.Dr.K.Sobha Rani, GDC, Ramachandrapuram	
18	Computer Applications	Smt.Dr.K.Sobha Rani, GDC, Ramachandrapuram	
19	Information Technology	Smt.N.Naga Subrahmanyeswari, ASD College for	
		Women (A), Kakinada	
20	Economics	Dr.K.Yamuna, ASD GDC(W), Kakinada	
21	History	Ch.Padmavathi, GDC, Pithapuram	
22	Political Science & International relations	Dr.K.Swamiji, Ideal DC(A), Kakinada	
23	Commerce & Management	Dr.G.Arun Kumar, Dr.VS Krishna GDC(A)	
		Visakhapatnam	
24	Philosophy	Dr.Ch.Lalitha, GDC(A) Tuni	

(BY ORDER)

Academic Affairs

12 6.21

To
The Principal, Pithapur Rajah's Government College (A) Kakinada
The Above Members
The Principals concerned
PS to VC,
PA to R,
OOF

Proceedings of the Principal, PITHAPUR RAJAH'S GOVERENMENT COLLEGE(A): Kakinada Present: Dr.Kandula Anjaneyulu, M.A., Ph.D

Rc.No.2/A.C./BOS-Members Nomination /2025-26, Dated: 31 JULY 2025

Sub: P.R.Government College (A), Kakinada-Board of Studies (BOS)- Nomination of members-Orders issued.

Ref: Proc.RC.No.1/A.C/BOS/2025-26, dated: 31 July 2025 of the Principal, Pithapur Rajah's Government College(A), Kakinada.

ORDER:

The Principal, P.R.Govt.College(A), Kakinada is pleased to constitute UG Board of Studies in MATHEMATICS for framing the syllabi in Mathematics subject for all semesters duly following the norms of the UGC Autonomous guidelines.

S.No	Name with Designation and Address	Designation	
1	Dr. K.Jayadev I/C of Mathematics P. R. Govt. College (A), Kakinada	Chair Person	
2	Ms.Y.Padmaja Lecturer in Mathematics Government Degree College Ramachandrapuram	University Nominee	
3	 i) Smt. M. Madhavi, Government Degree College, Tuni. ii) Sri. D.P.S.Kiran, Lecturer in Mathematics, Ideal College of Arts & Science, Kakinada. 	Subject expert	
4	Sri. P. S. R. Subrahmanyam, Rtd. HOD of Mathematics, Ideal College of Arts & Science (A), Kakinada	Alumnus	
5	Sri. G .Syam Prasad	Faculty of the Department	
6	Sri. G. Prasada Rao	Faculty of the Department	
7	Smt. K.S.I.Priyadarshini	Faculty of the Department	
8	Smt. L.S.B.R.Bhanu	Faculty of the Department	
9	Smt. K. Samrajyam	Faculty of the Department	
10	Kum T.G.S.Sandhya	Faculty of the Department	
12	T. Bhhavyasri	Student Member II B.Sc – Mathematics Major	
13	Penumarthi Hyma Suji Bharathi	Student Member III B.Sc –Mathematics Major	

14	T. Akhila	Student Member
1.		III B.Sc –Statistics Major
15	R.Surya	Student Member
10		III B.Sc –Chemistry Major
16	Mahalakshmi	Student Alumni Member
10		B.Sc(M.P.C-EM)-2021-24

The above members are requested attend the BOS meetings and share their valuable views, suggestions on the following functionaries:

- a) Prepare syllabi for the subject keeping in view the objectives of the college, interest of the stake holders and National requirement for consideration and approval of the IQAC and Academic Council.
- b) Suggest methodologies for innovative teaching and evaluation techniques.
- c) Suggest panel of names to the Academic council for appointment of examiners.
- d) Coordinate research, teaching, extension and other activities in the department of the college.

The Chairpersons of all boards of studies are here by instructed to comply with these directives in letter and spirit to ensure the highest standards of academic and administrative excellence.

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P.R. GovPRINCIPAL
Pithapur Rajah's Government College(A)
Kakinada 33 001

Copy to:

1.Lecturers-in-Charge (BOS Chairmen) of all the departments

2. Academic Coordinator

3.IQAC coordinator

4. Controller of Examinations

5.Office

PROCEEDINGS OF THE PRINCIPAL, P.R. GOVERNMENT COLLEGE(A), KAKINADA-A. P

Present: Dr. K.ANJANEYULU, M.A; Ph.D. Rc.No.2/A.C./BOS-Members Nomination /2025-26, Dated: 31 JULY 2025

SUB: P.R. Government College(A), Kakinada-UG Board of Studies (BOS)- Program/Course-Nomination of Members-Orders issued.

REF: 1. Proc.Rc.no.1/A.C/BOS/2025-26 dated 31 July 2025 of the Principal, Pithapur Rajah's Government College(A), Kakinada

ORDERS:

The Principal, P.R. Government College(A), Kakinada is pleased to constitute UG Boards of Studies in MATHEMATICS for framing the syllabi in respective Subject for all Semesters duly following as of the UGC Autonomous guidelines.

S. No	Name of the Person	Designation
1	Dr. K.Jayadev I/C of Mathematics P. R. Govt. College (A), Kakinada	Lee in plugs is
2	Ms.Y.Padmaja Lecturer in Mathematics Government Degree College Ramachandrapuram	TP-day, 1915 Lecturer in Mathemal
3	Smt. M. Madhavi, Government Degree College, Tuni.	M. Madlavi H8/25- Lec. In Matternatics GDC, Tuni
4	Sri. D.P.S.Kiran, Lecturer in Mathematics, Ideal College of Arts & Science, Kakinada.	HOD; Matternatics Para coordinator Para coordinator Para coordinator Para coordinator Para collegeof Arth 4 Para collegeof Arth 4
5	Sri. P. S. R. Subrahmanyam, Rtd. HOD of Mathematics, Ideal College of Arts & Science (A), Kakinada	Prof H-o-Doy Malh' Rtd H-o-Doy Malh' Rdeal College of Angesse
6	Sri. G .Syam Prasad	Syam preceded, 69
7	Sri. G. Prasada Rao	Cet to
8	Smt. K.S.I.Priyadarshini	K. S. F priyadersini
9	Smt. L.S.B.R.Bhanu	(SERBhaus)
10	Smt. K. Samrajyam	K. Sam
11	Kum T.G.S.Sandhya	T.a.s.suly-
12	T. Bhavyasri .	T. Bhavyassi
13	P. Hyma Suji Bharathi	P. Hyma Suji
14	T.Akhila	T. Akhiya.
15	R.Surya	Risurya
16	U Mahalakshmi	O.S.K. Mahalakshmi

The above members are requested to attend the BoS meeting on 17-07-2025 and share their valuable reviews, and suggestions on the following functionaries.

- Prepare syllabi for the subject keeping in view the objectives of the college, interest of the stake holders and National requirement for consideration and approval of the IQAC and Academic Council.
- Suggested methodologies for innovative teaching and evaluation techniques.
- Suggest the panel of Names to the academic council for appointment of Examiners.
- Coordinate research, teaching, extension and other activities in the Department of the college.

The Chairpersons of all boards of studies are here by instructed to comply with these directives in letter and spirit to ensure the highest standards of academic and administrative excellence.

PRINCIPLE

Pithapur Rajah's Government College(A) Kakinada

Copy to:

- 1. Lecturers-in-charge (BOS Chairmen) of all the departments
- 2. Academic Coordinator
- 3. IQAC Coordinator
- 4. Controller of Examinations
- 5. Office

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA DEPARTMENT OF MATHEMATICS

Meeting of the Board of studies is held at 10AM on 07-08-2025 in the Department of Mathematics, Pithapur Rajah's Government College (A), Kakinada with the following agenda.

Agenda

- 1. a) To implement of APSCHE prescribed curriculum for first year students with effect from the academic year 2025-26
 - b) To approve the curriculum, blue print and model paper for II & III year B.Sc Programme under CBCS based as per the directions of the APSCHE.
 - c) To approve the curriculum, blue print and model paper of practical examinations for II & III year B.Sc Programme under CBCS based as per the directions of the AKNU .
- 2. To approve the two Certificate Courses, one is Competitive Mathematics and second one is Vedic Geometry are introduced in this academic year.
 - 3. To approve the incorporation of additional inputs to various courses (where ever it is necessary) for enhancing students understanding over the concerned course and this shall not be considered for evaluation purpose.
 - 4. To approve the evaluation procedure for the courses for II, III years of B.Sc (2024-25 & 2023-24 admitted batches).
 - 5. Each theory subject is evaluated for 100 Marks (II & III Years) out of which 50 Marks through semester end examination for I, II & III year and internal assessment would be for 50 Marks for II& III year.

CIA structure for Single Major system

- ➤ Out of 50 marks for CIA, 25 marks are allocated for Mid examinations. In each semester two mid examinations to be conducted and the average of the two will be considered.
- ➤ I mid examination is to be conducted in offline mode at college level and II mid examination is to be conducted in online/offline mode at department level.
- ➤ I mid examination to be conducted in offline mode in which **one essay** question for ten marks out of two questions, **two short** answer questions with five marks each out of fourquestions and five objective questions to be given for each course.
- For I mid examination to be conducted in off line mode, question paper is to be given as per the following structure for the courses .

S.No	Unit No	Long Answer	Short Answer	Objective
		Question(10M)	Question(5 M)	Questions(1M)
1	1	1	2	2
2	II	1	2	1+ two question from any
				unit with more syllabusweightage
3	III	0	0	0
4	IV	0	0	0
5	V	0	0	0

For II mid examination to be conducted in online/off line mode, question paper is to be given as per the following structure for the courses.

S.No	Unit No	Long Answer Question(10M)	Short Answer Question(5M)	Objective Questions(1M)
1	I	0	0	0
2	II	0	0	0
3	III	1	2	2
4	IV	1	2	2+ one question from anyunit(III or IV or V) with more syllabus weightage.
5	V	0	0	0

➤ The remaining 25 marks for CIA are allocated as per the following structure.

Project-10M	Viva on	Assignment- 5M	Seminar- 5M	Clean & green and
	theory- 3M			Attendance- 2M

6.Scheme of valuation for practical's

Record - 10 M

Viva Voce - 10 M

Test - 30 M

Total - 50 M

Answer any 5 questions. At least 2 questions from each section of Section A & Section B. Each question carries 6 marks.

- 7.To award two extra credits to students who have registered and completed SWAYAM course successfully.
- 8.To award 4 credits for each first and second phase of Apprenticeship between 1st and 2nd year and 2nd and 3rd year (two summer vacations).
- 9. To implement pedagogical strategies such as Problem solving, Project based etc. to enrich teaching and learning process.
- 10. To approve the proposed departmental activities for 2025 26.
- 11. To approve the list of examiners and paper setters for the academic year 2025 26.
- 12. Any other item with the permission of the chair.

Resolutions:

The following resolutions are approved by the university nominee and all the members of BOS

- ➤ It is resolved to implement APSCHE prescribed curriculum for the first year students with effect from the academic year 2025-26
 - ➤ It is resolved to adopt single major curriculum of APSHE syllabus for the II and III year B.Sc Program.
 - ➤ It is resolved to motivate the students towards community extension activities.

- It is suggested by the members of BOS to give more stress on thrust areas of each course.
- ➤ It is suggested to enlighten the students the accepts of the Programme outcomes,

 Programme specific outcomes and Course outcomes,
- ➤ It is resolved to introduce 4 new courses in semester V of III B.Sc (Major & Minor) for the Academic year 2025 2026.

S.No	Course Code	Title of the new course	Programmes in which it is introduced
1	Course - XII	Linear Algebra & Problem	III Mathematics Major &
		solving session	Statistics, chemistry
			Minors
2		Vector Calculus & Problem	III Mathematics Major &
	Course - XIII	solving Sessions	Statistics, chemistry
			Minors
3	Course - XIV	Advanced Numerical methods &	III Mathematics Major
		Problem solving session	·
4	Course - XV	Number Theory & Problem Solvii	III Mathematics Major
		Sessions	·

- ➤ It is resolved to approve the additional inputs in various courses :
- i) Ramanujan's method in Numerical methods.
- ii) Echelon form and Normal form of a matrices, Consistent and inconsistent in Linear Algebra.
 - iii) Boole's Rule in Advanced Numerical methods.
 - It is resolved to designate the students of III B.Sc Mathematics to on job training / apprenticeship/off-site project in Semester VI as per the guidelines given by APSCHE.
 - ➤ It is resolved to approve the proposed departmental activities for 2025-26 (Page No.)
 - ➤ It is resolved to approve the list of examiners and paper setters for the academic year 2025-26.
 - The college has instructed to see that the student attendance 75% is mandatory for both mid and semester end examinations and 90% attendance is mandatory to attend practical examinations. More over the student is eligible, the student should attend at least one internal exam to appear for the Semester end examination. In this connection, the members of BOS advised the department to adhere to the instructions.
 - ➤ It is suggested to encourage the students to get extra credits by participating in extracurricular activities like MOOCS, N.S.S., N.C.C.,etc as per the guidelines of college authorities.
 - ➤ It is resolved to approve the syllabus, Blue print and assessment pattern for certificate courses.
 - ➤ It is resolved to conduct workshops/ seminars/ Guest lectures by the eminent mathematicians.

PHOTO GALLERY









STUDENTS INTRACTIONS





Thank you!