Since 1975

PARVATHANENI BRAHMAYYA (P. B.)
SIDDHARTHA COLLEGE OF ARTS & SCIENCE

(AN AUTONOMOUS COLLEGE UNDER THE JURISDICTION OF KRISHNA UNIVERSITY, MACHILIPATNAM)
Vijayawada - 520 010.

Sponsors: Siddhartha Academy of General and Technical Education

ISO 9001:2015 Certified

College with Potential for Excellence Phase - II

(Awarded by the UGC)

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A+
NAAC
ACCREDITED WITH GRADE

**REACCREDITED AT THE LEVEL
"A+" BY THE NAAC**

Prospectus
2022 - 23

Four decades of leadership and excellence in Higher Education

The Monogram adopted by the Siddhartha institutions represents Buddha's 'Vyakhamudra' with half opened lotus signifying preaching of wisdom and enlightenment of Mind and Soul through learning and truth. The college Motto, "AtmaDeepoBhava" aptly signifies the same.

Parvathaneni Brahmayya
Siddhartha College of Arts and Science
Vijayawada

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Principal's Message

Welcome to Siddhartha College - reputed institute of higher learning in AP!

The college was started in the year 1975. This is the first offspring of Siddhartha Academy of General & Technical Education, Vijayawada. From a modest beginning with 200 students and 15 faculty members, college emerged as one of the premier institutes in Andhra Pradesh with 3557 students and 121 faculty members. The college is accredited at the level 'A' by the NAAC. University Grants Commission conferred the status of "College with Potential for Excellence". Andhra Pradesh Government recognized our college as "College of Excellence".

Siddhartha College always strives to achieve excellence in all the dimensions of higher education - curricular, co-curricular and extra-curricular. The college gives priority to help the students to achieve academic excellence through motivation. Well qualified and dedicated staff of our college encourages and monitor the students to reach their goals. Holistic education is our main motto.

Well-equipped laboratories, Library and Reading room, gymnasium, Yoga Center, playground help the students to enrich their competence and improve themselves mentally and physically. Specially trained faculty members help the students to improve their communicative skills and mental ability. Number of national and multi-national companies is visiting college for campus recruitment drives.

By choosing a programme offered by the college, enter to learn, leave to serve and live as Siddharthian.

Dr. M. Ramesh
Principal

Director's Message

PBSCAS (Parvathaneni Brahmayya Siddhartha College of Arts and Science) is the premier educational choice for pursuance of under graduate and postgraduate programmes. Welcome to our PBSCAS.

I have joined the PBSCAS family as Director in the college's 40th year. It is an honor to be at the helm of the administration. The old proverb of 'it takes a village to raise a child' is one that rings true for me and with this in mind I believe it is the exceptional quality of our staff, the supportive partnerships with our visionaries, and the nurturing relationships with our students that make the difference for each student. We are all stronger together.

An exceptional college experience is more than a collection of great educational experiences, outdoor activities, sporting and cultural events or tours. It has social and emotional ties to the community. The PBSCAS experience provides this meaningful quality.

In 1975 PBSCAS was established with 200 students under the tutelage of a strong Siddhartha Academy of General and Technical Education. The tenets of optimism, Siddhartha tradition, inclusiveness, service, compassion, tolerance, hope, and faithfulness have been built upon with our teaching and learning mission of instilling and supporting students' passion, commitment, creativity, innovation, integrity, wisdom and endeavour through a dynamic community building ethos. Our values are cemented together with mutual community trust and respect.

The College founders had the vision to select a college site in the heart of Vijayawada just minutes from the railway station or APSRTC bus stand. It is just half an hour from Gannavaram airport. Come and visit us. The college would welcome an opportunity to show you our college.

"We cannot always build the future for our youth, but we can build our youth for the future".

Remember "The reward of every good action will be good only".

Apt to say enter to learn, leave to serve and live as Siddarthian.

Serving is earning, we believe.

Wishing a true person of yourself.........

Vemuri Babu Rao
Director

Dean's Message

The college is entering into an interesting phase of its journey and is geared up to meet the challenges of changing times. The last academic year the college had witnessed hectic activity in all aspects.

All the departments initiated steps to strengthen teaching-learning process. Notably, students are encouraged to do certification courses under MOOCs platform. This we believe will enhance the self-learning ability of our students.

S-ispace (Siddhartha Incubation Space) was started to nurture, counsel, mentor students and leading them to think and do entrepreneurial activities. Our Cultural Team bagged the coveted second prize in 'One Act Play' in South Zone Inter Universities Youth Festival. Number of Seminars and Workshops were organised by various departments in contemporary topics. Our Sports teams, NCC and NSS units performed extremely well. Large numbers of outgoing students were placed in reputed organisations.

The opportunities are coming up in big way in this part of the state of A.P and we are making all efforts to encourage our students to take advantage and realize their true potential.

Wishing you an empowered times ahead........

Dr Rajesh C Jampala
Dean

Our Team

Dr. M. Manoranjani
HOD, Chemistry &
Vice-Principal - Administration

Dr. S.B. Rajendra Prasad
IQAC Coordinator

Sri G. Chakravarthi
Nodal Officer &
Academic Officer

Sri Ch. Venkateswarlu
HOD, Zoology &
Finance Officer

Sri K. Sridhar
Training & Placement Officer

Sri R. Sambi Reddy
Controller of Examinations

Profile of the College

Year of Establishment: 1975

Campus Area: 8.1 Acres

Built up Area: 16,592 Sq. mts.

UGC Recognition: Under 2f: 1978, Under 12B :1985

Affiliating University: Krishna University, Machilipatnam

College Status: Autonomous

Year of Grant of Autonomy: UG-1987, PG-2017

Financial Category: Self-financing.

NAAC: The college is accredited at **A+ grade** securing 3.32 on 4- point scale in 2019 (Cycle-III)

College with Potential for Excellence: Phase I - 2010; Phase II - 2017

ISO 9001:2015 : Renewed in January 2022

Best Degree College: Awarded by Ambitions Career Counsellors, Hyderabad in January 2021

Good Hygiene Practices: Certificate awarded by HYM International Certification Pvt. Ltd., Hyderabad in recognition of sanitation and cleanliness measures implemented on the campus.

Recognition: Unnat Bharat Abhiyan Institution by AICTE

UGC Schemes: The College is approved as Mentee College under **"Paramarsh"** scheme by the UGC to mentor the NAAC accreditation aspirant institutions.

Internashala Ranking: All India Rank of **304** and Zonal Rank of **114** declared by AICTE in terms of internships under **Internshala** from 1st April to 4th July 2021.

Education world Ranking: Secured **all India 20th rank** among the private autonomous colleges and **3rd Rank in State wide** private autonomous colleges by Education World magazine for the year 2021-22.

Research Centres: 4 (Recognised by KrU) Mathematics, Chemistry, Physics and Commerce & Business Administration

Research Guides: 16
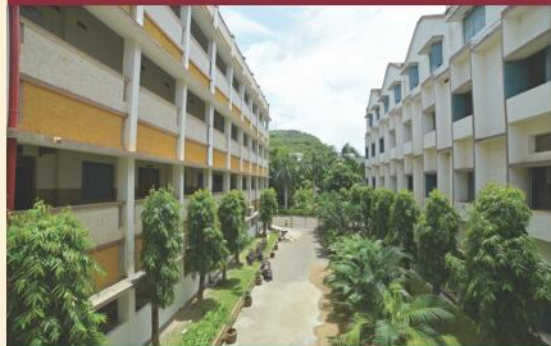
Education in PBSCAS

What will be an education at PBSCAS to you?

- An ability to think analytically and critically

- The power to transform challenges into opportunities

- An enabling environment that provides both roots and wings

- A sensibility that differentiates between just making a career and having sense of vocation

- A capability to assume leadership of initiatives of social transformation

- A commitment to harmonizing excellence with humanism

▌PBSCAS at a Glance

Location
College is located at the heart of the city. It is 20 km away from Airport, 5 km away from Railway Station and 5 km away from Bus Station. Most of the city transport busses ply through the college approach roads. Approach roads and internal roads are well laid.

Admissions
Admission is competitive and online as per provision of GOs issued by Government of Andhra Pradesh from time to time. 70% of admission is Category –A as Convenor quota, filled by the convenor following the reservation grid. The remaining 30% is management quota filled by the college and to be approved by the APSCHE. The unfilled convenor quota seats will be filled as Spot Admission by the college. It is the only college opted in management quota by the students in large number, which was introduced by the Government of Andhra Pradesh in the AY 2021-2022.

Faculty
135 faculty members are qualified and experienced. All faculty members are techno savvy handling the blended teaching both online and offline teaching. Faculty members are supported by technical and support staff. Faculty student ratio is 1: 25

Campus Life
Strong Curriculum, Campus recruitment training in the curriculum, job-ready courses, Green ambience, Fitness and wellbeing activities, students friendly faculty, mentoring system for tracking, sports facilities, hygienic cafeteria, state of the art infrastructure, buzzing activities both co-curricular and extracurricular, Cultural Activities promoted by Siddhartha Kalapeetam, wi-fi campus , state of the art infrastructure, industry connect, new age programmes and best academics add to the quality of campus life

Enrolment
3500 plus students, 3000 UG students and 500 plus PG students are pursuing their academics in the college in the AY 2021-22. Apart from this, Krishna University has allotted Ph.D students to our faculty for doctoral degree.

Financial Aid/incentives
Government Scholarships, management scholarships, bursaries, cash prizes are part financial aid to students. Most of the students get Government Scholarships as Janna VidyaDevana (JVD) and JagannaVasathiDivena.

Management gives cash awards, free ships to the meritorious students in academics, sports and others. Siddhartha Foundation, a wing of Siddhartha Academy of General and Technical Education awards scholarships to the deserving students. Alumni also provide financial assistance to needy students.

Programmes Offered

Undergraduate Programmes

1. B.A Economics, mathematics, Statistics
2. B.Com General
3. B.Com Computer Applications
4. B.Com Accounting & Finance
5. B.Com Tax Procedures & Practice
6. B.Com Business Process Management
7. B.Com Banking Financial Service & Insurance
8. B.B.A Business Analytics
9. B.B.A General
10. B.B.A Retail Management
11. B.C.A
12. B.Sc Botany, Zoology, Chemistry
13. B.Sc Mathematics, Physics, Chemistry
14. B.Sc Mathematics, Physics, Computer Science
15. B.Sc Mathematics, Statistics, Computer Science
16. B.Sc Mathematics, Statistics, Computer Applications
17. B.Sc Mathematics, Electronics, Computer Science
18. B.Sc Mathematics, Electronics, Computer Applications
19. B.Sc Mathematics, Statistics, Data Science
20. B.Sc Computer Science with Cognitive Systems
21. B.Sc Artificial Intelligence & Machine Learning

Diploma Programme

22. Diploma in Yoga Education

Post Graduate Programmes

23. M.B.A
24. M.C.A
25. M.Sc Computer Science
26. M.Sc Computational Data Science
27. M.Sc Organic Chemistry
28. M.Sc Mathematics
29. M.Sc Physics
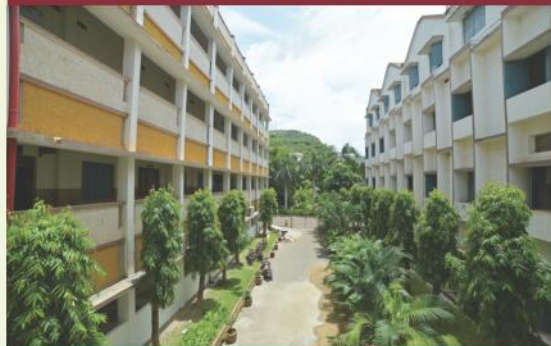
Academic Life

Academic Life within the context of a primarily General education, PBSCAS prepares students for leadership positions in Science, Commerce, Management, Liberal Arts the academic world and other professional spheres. The college offers 21 Undergraduate Degree Programmes, 1 in Liberal Arts, 6 in Commerce, 3 in Management, 11 in Science. 7 Post-graduate programmes are also offered, I in management and other 6 in Science. New Age programmes like BBA Business Analytics, B.Sc, Mathematics, Statistics, Data Science, B.Sc (AIML) B.Com (BFSI), M.Sc Computational Data Science are highly sought after. TCS collaborated programmes B.Sc Computer Science with Cognitive Systems and B.Com Business Process Management are well received by the students. Diploma in Yoga Education is a one year diploma programme greatly acclaimed by the students.

COURSES

The college is offering a mix of courses to the students to enhance their personality, to infuse lifelong learning, to acquire skill sets for career, to develop critical thinking and inquisitiveness etc. The aim is to increase the cognitive abilities of the students

College is offering a plethora of courses

AECs: Ability Enhancement Courses for inquisitiveness

LSCs: Life Skill Courses for lifelong learning and personality development

SDCs: Skill Development Courses for accruing skill sets along with curriculum

CCs: Core Courses for domain knowledge

SECs: Skill Enhancement Courses for contemporary skills in the core

LCs: Language Courses for communication

BCs: Bridge Courses for on boarding the new programmes

OEs: Open Electives for interdisciplinary knowledge

MOOCs: Massive Open Online Courses for value addition

AOCs: Add-On Courses for additional knowledge in the domain

Student centric methods of pedagogy

Student centric methods adopted by college provided Experiential and Participative Learning Experience:

- Flipped teaching with blended mode for the courses like MOOCs, Life Skill Courses, Skill Development Courses, Skill Enhancement Courses, Open Electives in addition to regular courses

- Other methods include Students publications, Mandatory internships, Hands on experience sessions, Survey, Role plays and case studies; Data Analysis, Projects, Discussion, Small Group Projects, Literature Review, Entrepreneurship Development, Start-ups, Internship, Apprenticeship, Conferences, Certifications, Workshops, Student Contests, Research Article, Book Chapter, Book Reviews etc.

Under-graduate Programmes

B.A. Economics, Mathematics, Statistics

Economics with Mathematics and Statistics is considered a good combination. Students who have flair for Economics should opt for this programme as it would lay proper foundation for their higher studies in Economics. Further students have wide options to switch over to M.A. (Mathematics), M.A. (Economics), M.A. (Statistics), MBA, MCA, B.Ed., Law, C.A, C.S. and I.C.W.A.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination with Mathematics as one of the optional subjects.

SEMESTER - I

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	**Environmental Studies**	**CLSCT01**	10	40	2
5	**Computer Fundamentals and Office Tools**	**LSCP02**	10	40	2
6	Differential Equations	MATT11A	25	75	5
7	Descriptive Statisitcs and Theory of Probability	STAT11B	25	75	4
8	Descriptive Statistics	STAP11B	10	40	1
9	Micro Economic Analysis	ECOT11B	25	75	4
		TOTAL(Maximum)	155	495	24

SEMESTER - II

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENG T21B	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Internet Fundamentals and Web Tools	LSC P07	10	40	2
5	Plant Nursery Management	SDCBOTP01	10	40	2
6	Solid Geometry	MATT21A	25	75	5
7	Statistical Methods	STAT21B	25	75	4
8	Statistical Methods Lab	STA P21B	10	40	1
9	Macro Economic Analysis	ECO T21B	25	75	4
		TOTAL(Maximum)	155	495	24
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	Nil	4

SEMESTER -III

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Financial Markets	SDCECOT01	10	40	2
4	Abstract Algeba	MATT31	25	75	5
5	Real Analysis	MATT01	25	75	5
6	Probability Distributions and Statistical Inference	STAT31B	25	75	4
7	Probability Distributions Lab	STAP31B	10	40	1
8	Applied Statistics	STAT01	25	75	4
9	Applied Statistics Lab	STAP01	10	40	1
10	Development Economics	ECOT31B	25	75	4
11	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	190	610	31

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
SEMESTER -IV				
1	English Praxis-III	ENGT01A	25	75	3
2	Indian Culture & Science	LSCT12	10	40	2
3	Disaster Management (Self Study)	SDCDMT01	10	40	2
4	Enriching Communication Skills	SDCENGT02	10	40	2
5	Linear Algebra	MATT41A	25	75	5
6	Sampling Techniques and Design of Experiments	STAT41B	25	75	4
7	Sampling Techniques and Design of Experiments Lab	STAP41B	10	40	1
8	Economic development in India and Andhra Pradesh	ECOT41A	25	75	4
9	Public finance and international trade	ECOT42	25	75	4
10	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	**175**	**575**	**29**
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	Nil	4
SEMESTER - V				
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	SEC 6A	SECECOT01	25	75	4
2	SEC 7A	SECECOT02	25	75	4
3	SEC 6B	SECECOT03	25	75	4
4	SEC 7B	SECECOT04	25	75	4
5	SEC 6C	SECECOT05	25	75	4
6	SEC 7C	SECECOT06	25	75	4
7	SEC 6D	SECECOT07	25	75	4
8	SEC 7D	SECECOT08	25	75	4
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5
3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECSTAT01	25	75	3
2	SEC6A	SECSTAP01	10	40	2
3	SEC7A	SECSTAT02	25	75	3
4	SEC7A	SECSTAP02	10	40	2
5	SEC6B	SECSTAT03	25	75	3
6	SEC6B	SECSTAP03	10	40	2
7	SEC7B	SECSTAT04	25	75	3
8	SEC7B	SECSTAP04	10	40	2
9	SEC6C	SECSTAT05	25	75	3
10	SEC6C	SECSTAP05	10	40	2
11	SEC7C	SECSTAT06	25	75	3
12	SEC7C	SECSTAP06	10	40	2
		TOTAL(Maximum)	**170**	**530**	**28**

SEMESTER - VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
	OVERALL TOTAL		1095	2855	156

B.Com. (General)

The objective of the programme is to enlighten the students giving knowledge in financial accounting, corporate accounting, cost accounting, management accounting. Along with accounts application of statistical tools for solving business problems, rich knowledge in required business laws, Indian financial systems, business economics, company laws, auditing etc. This programme makes students job ready for any government, corporate jobs or even start their own business.

Eligibility: The minimum eligibility is a pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

SEMESTER - I					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Computer Fundamentals and Office Tools	LSCP02	10	40	2
6	Fundamentals of Accounting	COMT11B	25	75	4
7	Business Organization and Management	COMT12A	25	75	4
8	Business Environment	COMT14	25	75	4
		TOTAL(Maximum)	145	455	22
SEMESTER - II					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENGT21B	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Internet Fundamentals and Web Tools	LSCP07	10	40	2
5	Insurance Promotion	SDCCOMT01	10	40	2
6	Business Economics	ECOT22B	25	75	4
7	Financial Accounting	COMT21A	25	75	4
8	Banking Theory and Practice	COMT22B	25	75	4
		TOTAL(Maximum)	145	455	22
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Journalism-Mass Communication	SDCTELT01	10	40	2
3	Logistic and Supply Chain Management	SDCCOMT05	10	40	2
4	Advanced Accounting	COMT31A	25	75	4
5	Business Statistics	COMT32	25	75	4
6	Business Laws	COMT37	25	75	4
7	Goods and Service Tax	COMT38	25	75	4
8	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	155	495	25

SEMESTER - IV

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Indian Culture & Science	LSCT12	10	40	2
4	Disaster Management (Self Study)	SDCDMT01	10	40	2
5	Corporate Accounting	COMT41A	25	75	4
6	Cost and Management Accounting	COMT45	25	75	4
7	Auditing	COMT46	25	75	4
8	Income Tax	COMT43A	25	75	4
9	Marketing	COMT47	25	75	4
14	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	180	570	29
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER V

S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12

SEMESTER - VI

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC16A	SECCOMT01	25	75	4
2	SEC17A	SECCOMT02	25	75	4
3	SEC18A	SECCOMT03	25	75	4
4	SEC19A	SECCOMT04	25	75	4
5	SEC20A	SECCOMT05	25	75	4
6	SEC21A	SECCOMT06	25	75	4
7	SEC16B	SECCOMT07	25	75	4
8	SEC17B	SECCOMT08	25	75	4

9	SEC18B	SECCOMT09	25	75	4
10	SEC19B	SECCOMT10	25	75	4
11	SEC20B	SECCOMT11	25	75	4
12	SEC21B	SECCOMT12	25	75	4
13	SEC16C	SECCOMT13	25	75	4
14	SEC17C	SECCOMT14	25	75	4
15	SEC18C	SECCOMT15	25	75	4
16	SEC19C	SECCOMT16	25	75	4
17	SEC20C	SECCOMT17	25	75	4
18	SEC21C	SECCOMT18	25	75	4
		TOTAL(Maximum)	**150**	**450**	**24**
	OVERALL TOTAL		**1025**	**2575**	**142**

B.Com. (Computer Applications)

The B.Com (Computer Applications) Programme is intended to provide advanced knowledge in Computer application specializations as against the functional specializations offered in the B.Com (General) programme. It aims to equip students with the knowledge and competence in the field of accountancy and Computer application standing to the requirements of the day and to pursue a professional career and/or furthering higher education in the specified areas of specialization. The curriculum is developed duly considering the desired level of knowledge exposure in the context of ever changing environment in global business.

Eligibility: The student seeking admission into the programme must have passed plus2 examinations with at least 60% marks preference will be given to students who have studied Mathematics as one of the optional subjects at plus2 level.

SEMESTER - I					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	EnterpreneurshipDeveloment	LSCT04	10	40	2
6	Fundamentals of Accounting	COMT11B	25	75	4
7	Business Organization and Management	COMT12A	25	75	4
8	Information Technology	CABT11A	25	75	4
		TOTAL(Maximum)	145	455	22
SEMESTER - II					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENG T21B	25	75	3

2	Telugu-II	TEL T21A	25	75	3
3	Hindi-II	HIN T21			
4	National Cadet Crops-I	LSCT09	10	40	2
5	Insurance Promotion	SDCCOMT01	10	40	2
6	Business Economics	ECOT22B	25	75	4
7	Financial Accounting	COMT21A	25	75	4
8	E-Commerce and Web Designing	CABT24	25	75	4
9	Web Designing Lab	CABP23	10	40	1
		TOTAL(Maximum)	155	495	23
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Mass Communication &Journlism	SDCTELT01	10	40	2
3	Logistic and Supply Chain Management	SDCCOMT05	10	40	2
4	Advanced Accounting	COMT31A	25	75	4
5	Business Statistics	COMT32	25	75	4
6	Business Laws	COMT37	25	75	4
7	Programming with C & C++	CABT31A	25	75	4
8	C and C++ Lab	CABP31A	10	40	1
9	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	165	535	26

SEMESTER - IV

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Indian Culture & Science	LSCT10	10	40	2
4	Disaster Management (Self Study)	SDCDMT01	10	40	2
5	Corporate Accounting	COMT41A	25	75	4
6	Cost and Management Accounting	COMT45	25	75	4
7	Auditing	COMT46	25	75	4
8	Taxation	COMT48	25	75	4

9	Database Management Systems	CABT41B	25	75	4
10	Database Management Systems Lab	CABP41A	10	40	1
11	NCC/NSS/Sports/Extra Curricular	**CEXT02/03/04/05**	10	40	2
		TOTAL(Maximum)	190	610	30
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER V

S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12

SEMESTER - VI

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC16A	SECCOMT01	25	75	4
2	SEC17A	SECCOMT02	25	75	4
3	SEC18A	SECCOMT03	25	75	4
4	SEC19A	SECCOMT04	25	75	4
5	SEC20A	SECCOMT05	25	75	4
6	SEC21A	SECCOMT06	25	75	4
7	SEC16B	SECCOMT07	25	75	4
8	SEC17B	SECCOMT08	25	75	4
9	SEC18B	SECCOMT09	25	75	4
10	SEC19B	SECCOMT10	25	75	4
11	SEC20B	SECCOMT11	25	75	4
12	SEC21B	SECCOMT12	25	75	4
13	SEC16C	SECCABT13	25	75	4
14	SEC16C	SECCABP13	10	40	1
15	SEC17C	SECCABT14	25	75	4
16	SEC17C	SECCABP14	10	40	1
17	SEC18C	SECCABT15	25	75	4
18	SEC18C	SECCABP15	10	40	1
19	SEC19C	SECCABT16	25	75	4
20	SEC19C	SECCABP16	10	40	1

21	SEC20C	SECCABT17	25	75	4
22	SEC20C	SECCABP17	10	40	1
23	SEC21C	SECCABT18	25	75	4
24	SEC21C	SECCABP18	10	40	1
		TOTAL(Maximum)	**170**	**530**	**26**
	OVERALL TOTAL		**1075**	**2775**	**147**

B.Com. Hons (Tax Procedures & Practice)

B.Com Hons. TPP is intended to provide advanced knowledge in Commerce specializations. The emphasis of the programme is to nurture students as real Taxation professionals and impart specialized skill sets in the areas of Accounting and Taxation. This programme focuses on systematic study of the concepts of Financial Accounting, Cost Accounting, Management Accounting, Direct Taxes and Indirect Taxes (GST), Financial Management, Banking, Economic, Business Mathematics, Business Statistics, Law and Auditing etc.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

SEMESTER-I							
S.NO	**Course**	**Course Code**	**Part No**	**Type of the Paper**	**IA TEST**	**Sem End Exam**	**Credits**
1	Business English-I	ENGT15	I	First Language	25	75	3
2	Telugu-I	TELT11A	I	Second Language	25	75	3
3	Hindi-I	HINT11					
4	Environmental Studies	CLSCT01	III	Life Skill	10	40	2
5	Computer Fundamentals and Office Tools	LSCT02	III	Life Skill	10	40	2
6	Fundamentals of Accounting	COHT11	II	Core	25	75	4
7	Business Organization and Management	COHT12B	II	Core	25	75	4
8	Banking Theory and Practice	COHT13A	II	Core	25	75	4
9	Managerial Economics	ECOT19	II	Core	25	75	4
	TOTAL				170	530	26

SEMESTER-II

S.NO	Course	Course Code	Part No	Type of the Paper	IA TEST	Sem End Exam	Credits
1	Business English-II	ENGT25	I	First Language	25	75	3
2	Telugu-II	TELT21A	I	Second Language	25	75	3
3	Hindi-II	HINT21					
4	National Cadet Crops-I	LSCT09	III	Life Skill	0	50	2
5	Insurance Promotion	SDCCOMT01	III	Skill Development	0	50	2
6	Financial Accounting-I	COHT21A	II	Core	25	75	4
7	Business Environment	COHT22A	II	Core	25	75	4
8	Quantitative Methods	COHT23	II	Core	25	75	4
9	Elements of Financial Management	COHT24	II	Core	25	75	4
	TOTAL				150	550	26
1	First internship (April-May after II SEE) Community Service Project	CAIP2	II	Core Project	100	0	4

SEMESTER - III

S.NO	Course	Course Code	Part No	Type of the Paper	IA TEST	Sem End Exam	Credits
1	Business English-III	ENGT02	I	First Language	25	75	3
2	Journalism-Mass Communication	SDCTELT01	III	Skill Development	10	40	2
3	Financial Accounting-II	COHT31	II	Core	25	75	4
4	Business Laws	COHT33A	II	Core	25	75	4
5	Income Tax-I	COHT34A	II	Core	25	75	4
6	Financial Management	COHT37	II	Core	25	75	4
7	Auditing	COHT38	II	Core	25	75	4
8	Marketing Management	COHT39	II	Core	25	75	4
9	YOGA	CEXP01		Extension Activity	10	40	2
	TOTAL				195	605	31

SEMESTER - IV

S.NO	Course	Course Code	Part No	Type of the Paper	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	I	Second Language	25	75	3
2	Hindi-III	HINT01	I				

					IA TEST	Sem End Exam	Credits
3	Indian Culture & Science	LSCT12	III	Life Skill	10	40	2
4	Logistic and Supply Chain Management	SDCCOMT02	III	Skill Development	10	40	2
5	Disaster Management (Self Study)	SDCDMT01	III	Skill Development	10	40	2
6	Accounting for Corporate Issues	COHT41	II	Core	25	75	4
7	Corporate Laws	COHT43	II	Core	25	75	4
8	Income Tax-II	COHT44A	II	Core	25	75	4
9	Cost Accounting	COHT47	II	Core	25	75	4
10	Goods and Service Tax	COHT48	II	Core	25	75	4
11	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	IV	Extension Activity	10	40	2
		TOTAL(Maximum)			190	610	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	II	Core Project	100	0	4

SEMESTER - V							
S.NO	Name of the Course	Course Code	Part No	Type of the Paper	IA TEST	Sem End Exam	Credits
1	SEC20A	SECCOMT01	II	CORE	25	75	4
2	SEC21A	SECCOMT02	II	CORE	25	75	4
3	SEC22A	SECCOMT03	II	CORE	25	75	4
4	SEC23A	SECCOMT04	II	CORE	25	75	4
5	SEC24A	SECCOMT05	II	CORE	25	75	4
6	SEC25A	SECCOMT06	II	CORE	25	75	4
7	SEC20B	SECCOMT07	II	CORE	25	75	4
8	SEC21B	SECCOMT08	II	CORE	25	75	4
9	SEC22B	SECCOMT09	II	CORE	25	75	4
10	SEC23B	SECCOMT10	II	CORE	25	75	4
11	SEC24B	SECCOMT11	II	CORE	25	75	4
12	SEC25B	SECCOMT12	II	CORE	25	75	4
13	SEC20C	SECCOMT13	II	CORE	25	75	4
14	SEC21C	SECCOMT14	II	CORE	25	75	4
15	SEC22C	SECCOMT15	II	CORE	25	75	4
16	SEC23C	SECCOMT16	II	CORE	25	75	4
17	SEC24C	SECCOMT17	II	CORE	25	75	4
18	SEC25C	SECCOMT18	II	CORE	25	75	4
		TOTAL(Maximum)			150	450	24

SEMESTER VI							
S.NO	Name of the Course	Course Code	Part No	Type of the Paper	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	II	Core Project	50	150	12
OVERALL TOTAL					**1105**	**2895**	**158**

B.Com.Hons. (Accounting and Finance)

B.Com Hons. in Accounting and Finance is aimed to provide exposure to skill and careers in the growing business filed. The emphasis of the programme is to nurture students as real finance professionals and impart specialized skills sets in the areas of Accounting and Finance. This programme focuses on systematic study of the concepts of Financial Accounting, Cost Accounting, Management Accounting, Financial Management, Securities Analysis and Portfolio management, Banking, Economic, Business Mathematics, Business Statistics, Taxation, Law and Auditing etc. It is a career oriented nature that opens many job opportunities after successful completion of the programme.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

SEMESTER - I						
S.NO	Course	Course Code	Type of the Paper	IA TEST	Sem End Exam	Credits
1	Business English -I	ENGT15	First Language	25	75	3
2	Telugu-I	TELT11A	Second Language	25	75	3
3	Hindi-I	HINT11				
4	Environmental Studies	CLSCT01	Life Skill	10	40	2
5	Computer Fundamentals and Office Tools	LSCT02	Life Skill	10	40	2
6	Fundamentals of Accounting	COHT11	Core	25	75	4
7	Business Organisation and Management	COHT12B	Core	25	75	4
8	Banking Theory and Practice	COHT13A	Core	25	75	4
9	Managerial Economics	ECOT19	Core	25	75	4
	TOTAL			170	530	26

S.NO	Course	Course Code	Type of the Paper	IA TEST	Sem End Exam	Credits
SEMESTER - II						
1	Business English-II	ENGT25	First Language	25	75	3
2	Telugu-II	TELT21A	Second Language	25	75	3
3	Hindi-II	HINT21				
4	National Cadet Crops-I	LSCT09	Life Skill	0	50	2
5	Insurance Promotion	SDCCOMT01	Skill Devlopment	0	50	2
6	Financial Accounting-I	COHT21A	Core	25	75	4
7	Business Environment	COHT22A	Core	25	75	4
8	Quantitative Methods	COHT23	Core	25	75	4
9	Elements of Financial Management	COHT24	Core	25	75	4
	TOTAL			150	550	26
1	First internship (April-May after II SEE) Community Service Project	CAIP2	Core Project	100	0	4
SEMESTER - III						
S.NO	Course	Course Code	Type of the Paper	IA TEST	Sem End Exam	Credits
1	Business English-III	ENGT02	First Language	25	75	3
2	Journalism -Mass Communication	SDCTELT01	Skill Development	10	40	2
3	Financial Accounting-II	COHT31	Core	25	75	4
4	Business Laws	COHT33A	Core	25	75	4
5	Direct tax	COHT36	Core	25	75	4
6	Financial Management	COHT37	Core	25	75	4
7	Auditing	COHT38	Core	25	75	4
8	Marketing Management	COHT39	Core	25	75	4
9	YOGA	CEXP01	Extension Activity	10	40	2
	TOTAL(Maximum)			195	605	31

SEMESTER - IV						
S.NO	Course	Course Code	Type of the Paper	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	Second Language	25	75	3
2	Hindi-III	HINT01				
3	Indian Culture & Science	LSCT10	Life Skill	10	40	2
3	Logistic and Supply Chain Management	SDCCOMT02	Skill Development	10	40	2
4	Disaster Management (Self Study)	SDCDMT01	Skill Development	10	40	2
6	Accounting for Corporate Issues	COHT41	Core	25	75	4
7	Corporate Laws	COHT43	Core	25	75	4
8	Indirect Tax laws	COHT46	Core	25	75	4
9	Cost Accounting	COHT47	Core	25	75	4
10	Security Analysis	COHT49	Core	25	75	4
11	NCC/NSS/Sports/Extra Curricular	CEXT02/03/ 04/05	Extension Activity	10	40	2
		TOTAL(Maximum)		190	610	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	Core Project	100	0	4

SEMESTER - V						
S.NO	Name of the Course	Course Code	Type of the Paper	IA TEST	Sem End Exam	Credits
1	SEC20A	SECCOMT01	CORE	25	75	4
2	SEC21A	SECCOMT02	CORE	25	75	4
3	SEC22A	SECCOMT03	CORE	25	75	4
4	SEC23A	SECCOMT04	CORE	25	75	4
5	SEC24A	SECCOMT05	CORE	25	75	4
6	SEC25A	SECCOMT06	CORE	25	75	4
7	SEC20B	SECCOMT07	CORE	25	75	4
8	SEC21B	SECCOMT08	CORE	25	75	4
9	SEC22B	SECCOMT09	CORE	25	75	4
10	SEC23B	SECCOMT10	CORE	25	75	4
11	SEC24B	SECCOMT11	CORE	25	75	4
12	SEC25B	SECCOMT12	CORE	25	75	4

13	SEC20C	SECCOMT13	CORE	25	75	4
14	SEC21C	SECCOMT14	CORE	25	75	4
15	SEC22C	SECCOMT15	CORE	25	75	4
16	SEC23C	SECCOMT16	CORE	25	75	4
17	SEC24C	SECCOMT17	CORE	25	75	4
18	SEC25C	SECCOMT18	CORE	25	75	4
		TOTAL(Maximum)		150	450	24

SEMESTER VI						
S.NO	Name of the Course	Course Code	Type of the Paper	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	Core Project	50	150	12
OVERALL TOTAL				1105	2895	158

B.Com. BPM (Business Process Management)

B.Com-Business Process Management (In Collaboration with TCS-Industry Integrated) is a 3-year programme that has been designed taking into account business world. This special programme is designed in collaboration with Tata Consultancy Services (TCS) facilitates students to conveniently pursue careers in the IT Industry, as well as in sectors like Banking, Insurance, Financial Services and Retail etc. The programme enables students to have a strong fundamental base in Economics, Taxation, Statistics, Auditing, Cost Accounting, Finance and other subjects. The exclusive feature of this programme is the integration of subjects specially prepared by industry experts to incorporate the implementation of analytical and decision making skills.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

SEMESTER - I					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English-I	ENGT15	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Entrepreneurship Development	LSCT04	10	40	2
6	Fundamentals of Accounting	COHT11	25	75	4

7	Business Organization and Management	COHT12B	25	75	4
8	Banking Theory and Practice	COHT13A	25	75	4
9	Managerial Economics	ECOT19	25	75	4
	TOTAL		170	530	26

SEMESTER - II

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English-II	ENGT25	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Human Values and Professional Ethics	LSCT06	10	40	2
5	Insurance Promotion	SDCCOM T01	10	40	2
6	Financial Accounting-I	COHT21A	25	75	4
7	Quantitative Methods	COHT23	25	75	4
8	Elements of Financial Management	COHT24	25	75	4
9	Finance and Accounting for BPS	COHT25	25	75	4
	TOTAL		170	530	26
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English-III	ENGT02	25	75	3
2	Journlism-Mass Communication	SDCTELT01	10	40	2
3	Financial Accounting-II	COHT31A	25	75	4
4	Business Laws	COHT33A	25	75	4
5	Financial Management	COHT37	25	75	4
6	Auditing	COHT38	25	75	4
7	Insurance for BPS	COHT10	25	75	4
8	Banking for Business process and Service	COHT11	25	75	4
9	YOGA	CEXP01	10	40	2
	TOTAL		195	605	31

SEMESTER - IV					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Indian Culture & Science	LSCT10	10	40	2
4	Logistic and Supply Chain Management	SDCCOMT02	10	40	2
5	Disaster Management (Self Study)	SDCDMT01	10	40	2
6	Accounting for Corporate Issues	COHT41	25	75	4
7	Cost Accounting	COHT47	25	75	4
8	Security analysis	COHT49	25	75	4
9	Managing Business Processes – I	COHT410	25	75	4
10	Retail and Market Research	COHT411	25	75	4
11	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	190	610	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER - V					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC20A	SECCOMT01	25	75	4
2	SEC21A	SECCOMT02	25	75	4
3	SEC22A	SECCOMT03	25	75	4
4	SEC23A	SECCOMT04	25	75	4
5	SEC24A	SECCOMT05	25	75	4
6	SEC25A	SECCOMT06	25	75	4
7	SEC20B	SECCOMT07	25	75	4
8	SEC21B	SECCOMT08	25	75	4
9	SEC22B	SECCOMT09	25	75	4
10	SEC23B	SECCOMT10	25	75	4
11	SEC24B	SECCOMT11	25	75	4
12	SEC25B	SECCOMT12	25	75	4
13	SEC20C	SECCOMT13	25	75	4
14	SEC21C	SECCOMT14	25	75	4
15	SEC22C	SECCOMT15	25	75	4

16	SEC23C	SECCOMT16	25	75	4
17	SEC24C	SECCOMT17	25	75	4
18	SEC25C	SECCOMT18	25	75	4
		TOTAL(Maximum)	150	450	24

SEMESTER VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			1125	2875	158

B.Com. BFSI (Banking Financial Services & Insurance)

The B.Com BFSI (Banking, Financial Services and Insurance) is to meet the needs of the society and the career opportunities of the students. This program (BFSI) with the specialization in Banking, Financial Services and Insurance overcomes the traditional B.Com Program limitations.This program focuses on Skill Development based multiple entry and exit bachelor's degree program to provide judicious mix of skills relating to a profession and appropriate content to general education so that they are industry ready at the end of the program.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

SEMESTER - I					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11A			
4	Environmental Studies	CLSCT01	10	40	2
5	Computer Fundamentals and Office Tools	LSCP02	10	40	2
6	Fundamentals of Accounting	COMT11B	25	75	4
7	Business Organization and Management	COMT12A	25	75	4
8	Elements of Financial Systems	COMT16	25	75	4
		TOTAL(Maximum)	145	455	22

SEMESTER - II

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENGT21B	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Quantitative Aptitude	LSCT14	10	40	2
5	Reasoning	LSCT15	10	40	2
6	Communication Skills for Employability-1	SDCENGT03	10	40	2
7	Communication Skills for Employability-2	SDCENGT04	10	40	2
8	Business Economics	ECOT22B	25	75	4
9	Financial Accounting	COMT21A	25	75	4
10	Banking Theory and Practice	COMT22B	25	75	4
		TOTAL(Maximum)	165	535	26
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Journlism-Mass Communication	SDCTELT01	10	40	2
3	Logistic and Supply Chain Management	SDCCOMT05	10	40	2
4	Advanced Accounting	COMT31A	25	75	4
5	Business Statistics	COMT32	25	75	4
6	Business Laws	COMT37	25	75	4
7	Goods and Service Tax	COMT38	25	75	4
8	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	155	495	25

SEMESTER - IV

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Indian Culture & Science	LSCT12	10	40	2
4	Disaster Management (Self Study)	SDCDMT01	10	40	2

5	Corporate Accounting	COMT41A	25	75	4
6	Cost and Management Accounting	COMT45	25	75	4
7	Auditing	COMT46	25	75	4
8	Income Tax	COMT43A	25	75	4
9	Marketing	COMT47	25	75	4
14	NCC/NSS/Sports/Extra Curricular	**CEXT02/03/04/05**	10	40	2
		TOTAL(Maximum)	180	570	29
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER V					
S.NO	**Name of the Course**	**Course Code**	**Internal Assessment**	**External Assessment Component**	**Credits**
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12

SEMESTER - VI					
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	SEC16A	SECCOMT01	25	75	4
2	SEC17A	SECCOMT02	25	75	4
3	SEC18A	SECCOMT03	25	75	4
4	SEC19A	SECCOMT04	25	75	4
5	SEC20A	SECCOMT05	25	75	4
6	SEC21A	SECCOMT06	25	75	4
7	SEC16B	SECCOMT07	25	75	4
8	SEC17B	SECCOMT08	25	75	4
9	SEC18B	SECCOMT09	25	75	4
10	SEC19B	SECCOMT10	25	75	4
11	SEC20B	SECCOMT11	25	75	4
12	SEC21B	SECCOMT12	25	75	4
13	SEC16C	SECCOMT13	25	75	4
14	SEC17C	SECCOMT14	25	75	4
15	SEC18C	SECCOMT15	25	75	4
16	SEC19C	SECCOMT16	25	75	4
17	SEC20C	SECCOMT17	25	75	4
18	SEC21C	SECCOMT18	25	75	4
		TOTAL(Maximum)	**150**	**450**	**24**
	OVERALL TOTAL		**1045**	**2655**	**146**

B.B.A. (Bachelor of Business Administration)

Bachelor of Business Administration an undergraduate programme aimed at imparting the theoretical background of those academic disciplines relating to the field of management and helping the participants to develop their interpersonal skills and personality to become junior level managers and entrepreneurs. The course curriculum includes, among other subjects, Principles of Management, Behavioural Science, Business finance, Marketing Management, Services Marketing, Human Resource Management, Sales Management, Advertising Management and Internship. Apart from regular lectures additional inputs like guest lectures, participation in Seminars, management meets, short visits to industrial units and industrial tours will be arranged.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
		SEMESTER-I			
1	Business English-I	ENGT15	25	75	3
2	Telugu -I	TELT11A	25	75	3
3	Hindi –I	HINT12			
4	Environmental Studies	CLSCT01	10	40	2
5	Entrepreneurship Development	LSCT04	10	40	2
6	Management Process	MGTT15	25	75	4
7	Managerial Economics	ECOT19	25	75	4
8	IT for Managers	MITT11	25	75	4
	TOTAL		145	455	22
		SEMESTER - II			
1	Business English-II	ENGT25	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Internet Fundamentals and Web Tools	LSCP07	10	40	2
5	Online Business	SDCMGTT01	10	40	2
6	Accounting for Managers	MGTT22A	25	75	4
7	Business Environment	MGTT25	25	75	4
8	Quantitative Methods for Managers	STAT22	25	75	4

	TOTAL			145	455	22
1	First internship (April-May after II SEE) Community Service Project	CAIP2		100	0	4

SEMESTER - III						
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits	
1	Business English-III	ENGT02	25	75	3	
2	Personality Enhancement and Leadership	LSCT11	10	40	2	
3	Enriching Communication Skills	SDCENGT02	10	40	2	
4	Survey and Reporting	SDCMGTT03	10	40	2	
5	Human Resource Management	MGTT32	25	75	4	
6	Organizational Behaviour	MGTT33	25	75	4	
7	Marketing Management	MGTT34	25	75	4	
8	Business Laws	MGTT37	25	75	4	
9	YOGA	CEXP01	10	40	2	
	TOTAL		165	535	27	

SEMESTER - IV					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	25	75	3
2	Hindi-III	HINT01			
4	Tally	SDCMGTP05	10	40	2
5	Project Evaluation and Management	MGTT41B	25	75	4
6	Operations Management	MGTT44A	25	75	4
7	Business Research Methods	MGTT45A	25	75	4
8	E-Commerce	MGTT48	25	75	4
9	Business Strategy	MGTT49	25	75	4
10	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
	TOTAL		170	530	27
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER - V					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC16A	SECMGTT01	25	75	4
2	SEC17A	SECMGTT02	25	75	4
3	SEC18A	SECMGTT03	25	75	4
4	SEC19A	SECMGTT04	25	75	4
5	SEC20A	SECMGTT05	25	75	4
6	SEC21A	SECMGTT06	25	75	4
7	SEC16B	SECMGTT01	25	75	4
8	SEC17B	SECMGTT02	25	75	4
9	SEC18B	SECMGTT03	25	75	4
10	SEC19B	SECMGTT04	25	75	4
11	SEC20B	SECMGTT05	25	75	4
12	SEC21B	SECMGTT06	25	75	4
13	SEC16C	SECMGTT01	25	75	4
14	SEC17C	SECMGTT02	25	75	4
15	SEC18C	SECMGTT03	25	75	4
16	SEC19C	SECMGTT04	25	75	4
17	SEC20C	SECMGTT05	25	75	4
18	SEC21C	SECMGTT06	25	75	4
		TOTAL(Maximum)	150	450	24

SEMESTER - VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training /Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			1025	2575	142

B.B.A. (Business Analytics)

Bachelor of Business Administration (BBA) in Business Analytics an undergraduate programme aimed to provide exposure to skills and careers in the growing business analysts fields. This program will prepare students for specific jobs as computer systems analysts, management analysts (business analysts and process analysts), market research analysts, logisticians, and operations research analysts in a wide range of organizations and industries, while providing for flexibility for support in additional areas. In addition, this program will provide a student with opportunities for studying business operations, developing writing and communication skills, and engaging in team leadership and development.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
	SEMESTER - I				
1	Business English-I	ENGT15	25	75	3
2	Telugu -I	TELT11A	25	75	3
3	Hindi –I	HINT11			
4	Environmental Studies	CLSCT01	0	50	2
5	Data Management with SQL Programming Lab	LSCT05	0	50	2
6	Management Process	MGTT15	25	75	4
7	Fundamentals of Business Analytics	MGTT16	25	75	4
8	Descriptive Statistics for Business Analytics	STAT12A	25	75	4
9	Managerial Economics	ECOT19	25	75	4
	TOTAL		150	550	26
	SEMESTER - II				
1	Business English-II	ENGT25	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Business Analytics with MS Excel	LSCP08	10	40	2
5	Statistical Data Analysis using R-Programming Lab	SDCMGTP02	10	40	2
6	Marketing Management	MGTT28	25	75	4
7	Fundamentals of Accounting	MGTT29	25	75	4
8	Probability Distributions and Inferential Statistics for Business Analytics	STAT25A	25	75	4
	TOTAL		145	455	22
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English-III	ENGT02	25	75	3
2	Statistical Data Analysis using JSAP	SDCMGTP04	10	40	2
3	Human Resource Management	MGTT38	25	75	4
4	Operations Management	MGTT39	25	75	4
5	Financial Management	MGTT310	25	75	4
6	Business Research Methods	MGTT311	25	75	4
7	Applied Statistics for Business Analytics	STAT34A	25	75	4
8	YOGA	CEXP01	10	40	2
	TOTAL		170	530	27

SEMESTER - IV
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Personality Development & Leadership	LSCT11	10	40	2
4	Power BI	SDCMGTT04	10	40	2
5	Financial Analytics Lab	SDCMGTP04	10	40	2
6	HR Analytics	MGTT41B	25	75	4
7	Machine learning with R	MGTT44A	25	75	4
8	Machine Learning Lab	MGTP44A	25	75	4
9	Python for Data Science	MGTT45	25	75	4
10	Python for Data science Lab	MGTP45	10	40	1
11	Applied Operations Research	STAT45A	25	75	4
12	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
	TOTAL		200	650	32
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER - V
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC16A	SECMGTT01	25	75	4
2	SEC17A	SECMGTT02	25	75	4
3	SEC18A	SECMGTT03	25	75	4

4	SEC19A	SECMGTT04	25	75	4
5	SEC20A	SECMGTT05	25	75	4
6	SEC21A	SECMGTT06	25	75	4
7	SEC16B	SECMGTT01	25	75	4
8	SEC17B	SECMGTT02	25	75	4
9	SEC18B	SECMGTT03	25	75	4
10	SEC19B	SECMGTT04	25	75	4
11	SEC20B	SECMGTT05	25	75	4
12	SEC21B	SECMGTT06	25	75	4
13	SEC16C	SECMGTT01	25	75	4
14	SEC17C	SECMGTT02	25	75	4
15	SEC18C	SECMGTT03	25	75	4
16	SEC19C	SECMGTT04	25	75	4
17	SEC20C	SECMGTT05	25	75	4
18	SEC21C	SECMGTT06	25	75	4
		TOTAL(Maximum)	**150**	**450**	**24**

SEMESTER - VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	**50**	**150**	**12**
OVERALL TOTAL			**1065**	**2785**	**151**

B.B.A. Retail Management

The program is designed to educate the students to build career in Retail Industry. Retail management has become one of the fastest growing careers in the industry with the tremendous growth in the economy. It strives to create a new generation of smart retail professional of international calibre and aims to equip them with the best practices being followed across the globe.BBA with Retail Management stream comprising a vast variety of sectors and home to some of the world's biggest companies as it is a dynamic industry. Students with the retail management can start career in supervisory, client communication, merchandise shipment, sales, management and administrative services. Retail management offers more than 2 million job opportunities across the globe.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination. Preference will be given to candidates who studied Commerce as one of the optional subjects.

SEMESTER-I

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English-I	ENGT15	25	75	3
2	Telugu -I	TELT11	25	75	3
3	Hindi –I	HINT12			
4	Environmental Studies	CLSC001	10	40	2
5	EnterpreneurshipDeveloment	LSC004	10	40	2
6	Management Process	MGTT15	25	75	4
7	Managerial Economics	ECOT19	25	75	4
8	IT for Managers	MIT T11	25	75	4
	TOTAL		145	455	22

SEMESTER-II

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English-II	ENGT25	25	75	3
2	Telugu-II	TELT21	25	75	3
3	Hindi-II	HINT21			
4	Human Values and Professional Ethics	LSC T06	10	40	2
5	Online Business	SDC MGTT01	10	40	2
6	Accounting for Managers	MGTT22A	25	75	4
7	Business Environment	MGTT25	25	75	4
8	Quantitative Methods for Managers	STAT22	25	75	4
	TOTAL		145	455	22

SEMESTER-III

S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	English-III	ENGT	25	75	3
2	Personality Development & Leadership	LSCT11	10	40	2
3	Enriching Communication Skills	SDCENGT01	10	40	2
4	Human Resource Management	MGTT32	25	75	4

5	Organizational Behaviour	MGTT33	25	75	4
6	Marketing Management	MGTT34	25	75	4
7	Business Laws	MGTT51	25	75	4
8	YOGA	CEXT01	10	40	2
	TOTAL		155	495	25

SEMESTER-IV					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu-III	TELT	25	75	3
2	Hindi-III	HINT			
3	Survey & Reporting	SDC MGTT02	10	40	2
4	Tally	SDC MGTP03	10	40	2
5	Project Evaluation and Management	MGTT	25	75	4
6	Operations Management	MGTT	25	75	4
7	Business Research Methods	MGTT	25	75	4
8	E-Commerce	MGTT	25	75	4
9	Business Strategy	MGTT	25	75	4
10	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
	TOTAL		180	570	29

SEMESTER-V					
S.NO	Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC 1	A	25	75	4
2	SEC 2		25	75	4
3	SEC 3		25	75	4
4	SEC 4		25	75	4
5	SEC 5		25	75	4
6	SEC 6		25	75	4
7	SEC 7	B	25	75	4
8	SEC 8		25	75	4
9	SEC 9		25	75	4
10	SEC 10		25	75	4
11	SEC 11		25	75	4

12	SEC 12		25	75	4
13	SEC 13		25	75	4
14	SEC 14		25	75	4
15	SEC 15	C	25	75	4
16	SEC 16		25	75	4
17	SEC 17		25	75	4
18	SEC 18		25	75	4
	TOTAL		125	450	24

B.SC. Mathematics, Physics, Chemistry

B.Sc. (MPC) the most popular under-graduate programme, though conventional, has stood the test of time and has been proved to be the best as it offers many career and job opportunities. Students from this combination are stepping into many prestigious institutes for pursuing further studies and placements.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination with Mathematics, Physics and Chemistry as optional subjects.

SEMESTER-I					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Computer Fundamentals and Office Tools	LSCP02	10	40	2
6	Differential Equations	MATT11A	25	75	5
8	Mechanics, Waves and Oscillations	PHYT11B	25	75	4
9	Mechanics, Waves and Oscillations Lab	PHYP11B	10	40	1
10	Inorganic and Physical Chemistry	CHET11A	25	75	4
11	Analysis of Salt Mixture Lab	CHEP11A	10	40	1
		TOTAL(Maximum)	165	535	25
SEMESTER-II					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENG T21B	25	75	3

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
2	Telugu-II	TEL T21A	25	75	3
3	Hindi-II	HIN T21			
4	Human Values and Professional Ethics	LSCT06	10	40	2
5	Electrical Appliances	SDC PHYP01	10	40	2
6	Solid Geometry	MATT21A	25	75	5
7	Wave Optics	PHYT21B	25	75	4
8	Wave Optics Lab	PHYP21B	10	40	1
9	Organic and General Chemistry	CHET21A	25	75	4
10	Volumetric Analysis Lab	CHEP21A	10	40	1
		TOTAL(Maximum)	**165**	**535**	**25**
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

	SEMESTER - III				

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01A	25	75	3
2	HINDI-III	HINT01			
3	Journlism-Mass Communication	SDCTELT01	10	40	2
4	Environmental Audit	SDCCHET02	10	40	2
5	Abstract Algebra	MATT31	25	75	5
6	Heat and Thermodynamics	PHYT31A	25	75	4
7	Heat and Thermodynamics Lab	PHYP31A	10	40	1
8	Modern Physics	PHYT01	25	75	4
9	Modern Physics Lab	PHYP01	10	40	1
10	Organic Chemistry and Spectroscopy	CHET31A	25	75	4
11	Organic Preparations and IR Spectral Analysis	CHEP31A	10	40	1
12	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	185	615	29

	SEMESTER - IV				

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Indian Culture & Science	LSCT12	10	40	2
3	Disaster Management (Self Study)	SDCDMT01	10	40	2
4	Linear Algebra	MATT41A	25	75	5

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
5	Real Analysis	MATT01	25	75	5
6	Electricity, Magnetism and Electronics	PHYT41A	25	75	4
7	Electricity, Magnetism and Electronics	PHYP41A	10	40	1
8	Inorganic and Physical Chemistry	CHET41A	25	75	4
9	Conductometric and Potentiometric Titrimetry	CHEP41A	10	40	1
10	Inorganic , Organic and Physical Chemistry	CHET01	25	75	4
11	Organic Qualitative Analysis	CHEP01	10	40	1
12	NCC/NSS/Sports/Extra Curricular	**CEXT02/03/04/05**	10	40	2
		TOTAL(Maximum)	210	690	34
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER - V					
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5
3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECPHYT01	25	75	3
2	SEC6A	SECPHYP01	10	40	2
3	SEC7A	SECPHYT02	25	75	3
4	SEC7A	SECPHYP02	10	40	2
5	SEC6B	SECPHYT03	25	75	3
6	SEC6B	SECPHYP03	10	40	2
7	SEC7B	SECPHYT04	25	75	3
8	SEC7B	SECPHYP04	10	40	2
9	SEC6C	SECPHYT05	25	75	3
10	SEC6C	SECPHYP05	10	40	2
11	SEC7C	SECPHYT06	25	75	3
12	SEC7C	SECPHYP06	10	40	2
1	SEC6A	SECCHET01	25	75	3
2	SEC6A	SECCHEP01	10	40	2
3	SEC7A	SECCHET02	25	75	3

4	SEC7A	SECCHEP02	10	40	2
5	SEC6B	SECCHET03	25	75	3
6	SEC6B	SECCHEP03	10	40	2
7	SEC7B	SECCHET04	25	75	3
8	SEC7B	SECCHEP04	10	40	2
9	SEC6C	SECCHET05	25	75	3
10	SEC6C	SECCHEP05	10	40	2
11	SEC7C	SECCHET06	25	75	3
12	SEC7C	SECCHEP06	10	40	2
		TOTAL(Maximum)	**190**	**610**	**30**

SEMESTER - VI					
S.NO	**Name of the Course**	**Course Code**	**Internal Assessment**	**External Assessment Component**	**Credits**
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			**1165**	**3135**	**163**

B.SC. Mathematics, Physics, Computer Science

This course provides the students with an opportunity of pursuing I. T. education with a combination of conventional subjects viz. mathematics and physics at under- graduate level. The students are exposed to well-structured lab cycles to strengthen the programming skills and thereby catering to the needs of I. T. industry. The curriculum of this course includes Java programming, Oracle, PHP, MySQL, Operating systems, D.B.M.S. etc. It is a perfect blend of the theoretical concepts and practical knowledge.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh with Mathematics, Physics and Chemistry combination.

SEMESTER-I					
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Entrepreneurship Development	LSCT04	10	40	2
6	Differential Equations	MATT11A	25	75	5
8	Mechanics, Waves and Oscillations	PHYT11B	25	75	4

9	Mechanics, Waves and Oscillations Lab	PHYP11B	10	40	1
10	Problem Solving in C	CSCT11B	25	75	4
11	Problem Solving in C Lab	CSCP11B	10	40	1
		TOTAL(Maximum)	165	535	25

SEMESTER-II					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENG T21B	25	75	3
2	Telugu-II	TEL T21A	25	75	3
3	Hindi-II	HIN T21			
4	Human Values and Professional Ethics	LSCT06	10	40	2
5	Electrical Appliances	SDC PHYP01	10	40	2
6	Solid Geometry	MATT21A	25	75	5
7	Wave Optics	PHYT21B	25	75	4
8	Wave Optics Lab	PHYP21B	10	40	1
9	Data Structures	CSCT21B	25	75	4
10	Data Structures Lab	CSC P21B	10	40	1
		TOTAL(Maximum)	165	535	25
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01A	25	75	3
2	HINDI-III	HINT01			
3	Solar Energy	SDCPHYP02	10	40	2
4	Abstract Algebra	MATT31	25	75	5
5	Real Analysis	MATT01	25	75	5
6	Heat and Thermodynamics	PHYT31A	25	75	4
7	Heat and Thermodynamics Lab	PHYP31A	10	40	1
8	Database Management Systems	CSCT34B	25	75	4
9	Database Management Systems Lab	CSCP33A	10	40	1
10	Object Oriented Programming Using Java	CSCT01	25	75	4
11	Object Oriented Programming Using Java Lab	CSCP01	10	40	1
12	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	200	650	32

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
		SEMESTER - IV			
1	English Praxis-III	ENGT01A	25	75	3
2	Personality Enhancement & Leadership	LSCT11	10	40	2
3	Disaster Management (Self Study)	SDCDMT01	10	40	2
	Cyber Security Essentials	SDCCSCT05	10	40	2
4	Linear Algebra	MATT41A	25	75	5
6	Electricity, Magnetism and Electronics	PHYT41A	25	75	4
7	Electricity, Magnetism and Electronics	PHYP41A	10	40	1
8	Modern Physics	PHYT01	25	75	4
9	Modern Physics Lab	PHYP01	10	40	1
8	Operating Systems	CSCT41C	25	75	4
9	Operating Systems Lab	CSCP41C	10	40	1
12	NCC/NSS/Sports/Extra Curricular	**CEXT02/03/04/05**	10	40	2
		TOTAL(Maximum)	195	655	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
		SEMESTER - V			
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5
3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECPHYT01	25	75	3
2	SEC6A	SECPHYP01	10	40	2
3	SEC7A	SECPHYT02	25	75	3
4	SEC7A	SECPHYP02	10	40	2
5	SEC6B	SECPHYT03	25	75	3
6	SEC6B	SECPHYP03	10	40	2
7	SEC7B	SECPHYT04	25	75	3
8	SEC7B	SECPHYP04	10	40	2

9	SEC6C	SECPHYT05	25	75	3
10	SEC6C	SECPHYP05	10	40	2
11	SEC7C	SECPHYT06	25	75	3
12	SEC7C	SECPHYP06	10	40	2
1	SEC6A	SECCSCT01	25	75	3
2	SEC6A	SECCSCP01	10	40	2
3	SEC7A	SECCSCT02	25	75	3
4	SEC7A	SECCSCP02	10	40	2
5	SEC6B	SECCSCT03	25	75	3
6	SEC6B	SECCSCP03	10	40	2
7	SEC7B	SECCSCT04	25	75	3
8	SEC7B	SECCSCP04	10	40	2
9	SEC6C	SECCSCT05	25	75	3
10	SEC6C	SECCSCP05	10	40	2
11	SEC7C	SECCSCT06	25	75	3
12	SEC7C	SECCSCP06	10	40	2
		TOTAL(Maximum)	**190**	**610**	**30**

SEMESTER - VI					
S.NO	**Name of the Course**	**Course Code**	**Internal Assessment**	**External Assessment Component**	**Credits**
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			**1165**	**3135**	**163**

B.Sc., Computer Applications, Mathematics, Statistics

This course is a balanced blend of traditional mathematics and statistics and modern computer applications. The updated syllabus of computer applications, ranging from basic concepts, Data Structures, Web technologies, Java Programming to enhance the employability of the students. A well- structured curriculum, supported by a rich set of lab cycles providing hands-on experience and strengthening the programming skills of students, is the salient feature of the course.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination with Mathematics as one of the optional subjects.

SEMESTER - I					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Analytical Skills	LSCT03	10	40	2
6	Differential Equations	MATT11A	25	75	5
7	Descriptive Statistics and Theory of Probability	STAT11B	25	75	4
8	Descriptive Statistics Lab	STAP11B	10	40	1
9	Problem Solving in C	CSCT11B	25	75	4
10	Problem Solving in C Lab	CSCP11B	10	40	1
		TOTAL(Maximum)	165	535	25

SEMESTER - II					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENG T21B	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Human Values and Professional Ethics	LSCT06	10	40	2
5	Digital Marketing	SDC CSCT02	10	40	2
6	Solid Geometry	MATT21A	25	75	5
7	Statistical Methods	STAT21B	25	75	4
8	Statistical Methods Lab	STAP21B	10	40	1
9	Data Structures	CSCT21B	25	75	4
10	Data Structures Lab	CSCP21B	10	40	1
		TOTAL(Maximum)	165	535	25
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER -III					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01A	25	75	3
2	HINDI-III	HINT01			
3	Elementary Number Theory	SDCMATT01	10	40	2

4	Abstract Algebra	MATT31	25	75	5
5	Real Analysis	MATT01	25	75	5
6	Probability Distributions and Statistical Inference	STAT31B	25	75	4
7	Probability Distributions Lab	STAP31B	10	40	1
8	Database Management Systems	CSCT34B	25	75	4
9	Database Management Systems Lab	CSCP33A	10	40	1
10	Object Oriented Programming Using Java	CSCT01	25	75	4
11	Object Oriented Programming Using Java Lab	CSCP01	10	40	1
12	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	200	650	32

SEMESTER - IV					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Personality Enhancement & Leadership	LSCT11	10	40	2
3	Disaster Management (Self Study)	SDCDMT01	10	40	2
4	Cyber Security Essentials	SDCCSCT05	10	40	2
5	Linear Algebra	MATT41A	25	75	5
6	Sampling Techniques and Design of Experiments	STAT41B	25	75	4
7	Sampling Techniques and Design of Experiments Lab	STAP41B	10	40	1
8	Applied Statistics	STAT01	25	75	4
9	Applied Statistics Lab	STAP01	10	40	1
10	Operating Systems	CSCT41C	25	75	4
11	Operating Systems Lab	CSCP41C	10	40	1
12	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	195	655	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER - V					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5

3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECSTAT01	25	75	3
2	SEC6A	SECSTAP01	10	40	2
3	SEC7A	SECSTAT02	25	75	3
4	SEC7A	SECSTAP02	10	40	2
5	SEC6B	SECSTAT01	25	75	3
6	SEC6B	SECSTAP01	10	40	2
7	SEC7B	SECSTAT02	25	75	3
8	SEC7B	SECSTAP02	10	40	2
9	SEC6C	SECSTAT01	25	75	3
10	SEC6C	SECSTAP01	10	40	2
11	SEC7C	SECSTAT02	25	75	3
12	SEC7C	SECSTAP02	10	40	2
1	SEC6A	SECCSCT01	25	75	3
2	SEC6A	SECCSCP01	10	40	2
3	SEC7A	SECCSCT02	25	75	3
4	SEC7A	SECCSCP02	10	40	2
5	SEC6B	SECCSCT03	25	75	3
6	SEC6B	SECCSCP03	10	40	2
7	SEC7B	SECCSCT04	25	75	3
8	SEC7B	SECCSCP04	10	40	2
9	SEC6C	SECCSCT05	25	75	3
10	SEC6C	SECCSCP05	10	40	2
11	SEC7C	SECCSCT06	25	75	3
12	SEC7C	SECCSCP06	10	40	2
		TOTAL(Maximum)	**190**	**610**	**30**

SEMESTER - VI

S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			**1165**	**3135**	**163**

B.Sc., Mathematics, Statistics & Computer Science

This programme is aimed at providing a gateway for IT students to kick-start their career in the field of Data Analytics Domain which is a sought after area in which ample job opportunities are available. It is a balanced blend of emerging IT Technologies viz., Java, PHP, MySQL, R Programming, Hadoop so on. A well-structured curriculum supported by a rich set of lab cycles providing hands-on experience and strengthening the programming skills of students, is the salient feature of the programme.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination with Mathematics as one of the optional subjects.

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
		SEMESTER - I			
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Analytical Skills	LSCT03	10	40	2
6	Differential Equations	MATT11A	25	75	5
7	Descriptive Statistics and Theory of Probability	STAT11B	25	75	4
8	Descriptive Statistics Lab	STAP11B	10	40	1
9	Problem Solving in C	CSCT11B	25	75	4
10	Problem Solving in C Lab	CSCP11B	10	40	1
		TOTAL(Maximum)	165	535	25
		SEMESTER - II			
1	English Praxis-II	ENG T21B	25	75	3
2	Telugu-II	TEL T21A	25	75	3
3	Hindi-II	HIN T21			
4	Internet Fundamentals and Web Tools	**LSCP07**	10	40	2
5	Digital Marketing	SDC CSCT02	10	40	2
6	Solid Geometry	MATT21A	25	75	5
7	Statistical Methods	STAT21B	25	75	4
8	Statistical Methods Lab	STAP21B	10	40	1
9	Data Structures	CSCT21B	25	75	4
10	Data Structures Lab	CSC P21B	10	40	1
		TOTAL(Maximum)	165	535	25

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER -III					

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01A	25	75	3
2	HINDI-III	HINT01			
3	Enriching Communication Skills	SDCENGT02	10	40	2
4	Cyber Security Essentials	SDCCSCT05	10	40	2
5	Abstract Algebra	MATT31	25	75	5
6	Probability Distributions and Statistical Inference	STAT31B	25	75	4
7	Probability Distributions Lab	STAP31B	10	40	1
8	Database Management Systems	CSCT34B	25	75	4
9	Database Management Systems Lab	CSCP33A	10	40	1
10	Object Oriented Programming Using Java	CSCT01	25	75	4
11	Object Oriented Programming Using Java Lab	CSCP01	10	40	1
12	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	185	615	29

SEMESTER -IV					

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Personality Enhancement & Leadership	LSCT11	10	40	2
3	Disaster Management (Self Study)	SDCDMT01	10	40	2
4	Real Analysis	MATT01	25	75	5
5	Linear Algebra	MATT41A	25	75	5
6	Sampling Techniques and Design of Experiments	STAT41B	25	75	4
7	Sampling Techniques and Design of Experiments Lab	STAP41B	10	40	1
8	Applied Statistics	STAT01	25	75	4
9	Applied Statistics Lab	STAP01	10	40	1
10	Operating Systems	CSCT41C	25	75	4
11	Operating Systems Lab	CSCP41C	10	40	1

12	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	210	690	34
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER - V					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5
3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECSTAT01	25	75	3
2	SEC6A	SECSTAP01	10	40	2
3	SEC7A	SECSTAT02	25	75	3
4	SEC7A	SECSTAP02	10	40	2
5	SEC6B	SECSTAT01	25	75	3
6	SEC6B	SECSTAP01	10	40	2
7	SEC7B	SECSTAT02	25	75	3
8	SEC7B	SECSTAP02	10	40	2
9	SEC6C	SECSTAT01	25	75	3
10	SEC6C	SECSTAP01	10	40	2
11	SEC7C	SECSTAT02	25	75	3
12	SEC7C	SECSTAP02	10	40	2
1	SEC6A	SECCSCT01	25	75	3
2	SEC6A	SECCSCP01	10	40	2
3	SEC7A	SECCSCT02	25	75	3
4	SEC7A	SECCSCP02	10	40	2
5	SEC6B	SECCSCT03	25	75	3
6	SEC6B	SECCSCP03	10	40	2
7	SEC7B	SECCSCT04	25	75	3
8	SEC7B	SECCSCP04	10	40	2
9	SEC6C	SECCSCT05	25	75	3
10	SEC6C	SECCSCP05	10	40	2
11	SEC7C	SECCSCT06	25	75	3
12	SEC7C	SECCSCP06	10	40	2
		TOTAL(Maximum)	190	610	30

SEMESTER - VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			**1165**	**3135**	**163**

B.Sc. Botany, Zoology, Chemistry

This conventional undergraduate programme is designed with updated syllabus. This programme is on a par with non - conventional combinations like Genetics, Microbiology & Biotechnology. The curriculum and syllabi are restructured to further career opportunities and higher learning in reputed universities.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examinations with Biological Sciences and Physical Sciences as subjects of study.

SEMESTER-I					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Computer Fundamentals and Office Tools	LSCP02	10	40	2
6	Fundamentals of Microbes and Non-vascular Plants	BOTT11A	25	75	4
7	Fundamentals of Microbes and Non-vascular Plants Lab	BOTTP1A	10	40	1
8	Animal Diversity - Biology of Non-Chardates	ZOOT11 A	25	75	4
9	Animal Diversity - Biology of Non-Chardates Lab	ZOOP11A	10	40	1
10	Inorganic and Physical Chemistry	CHET11A	25	75	4
11	Analysis of Salt Mixture Lab	CHEP11A	10	40	1
		TOTAL(Maximum)	**175**	**575**	**25**

SEMESTER-II

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENG T21B	25	75	3
2	Telugu-II	TEL T21A	25	75	3
3	Hindi-II	HIN T21			
4	Internet Fundamentals and Web Tools	LSC P07	10	40	2
5	Plant Nursery Management	SDCBOTP01	10	40	2
6	Basics of Vascular Plants and Phytogeography	BOT T21A	25	75	4
9	Basics of Vascular Plants and Phytogeography Lab	BOT P21A	10	40	1
7	Animal Diversity-Biology of Chordates	ZOO T21A	25	75	4
10	Animal Diversity- Biology of Chordates Lab	ZOO P21A	10	40	1
8	Organic and General Chemistry	CHET21A	25	75	4
11	Volumetric Analysis Lab	CHEP21A	10	40	1
		TOTAL(Maximum)	175	575	25
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01A	25	75	3
2	HINDI-III	HINT01			
3	Environmental Audit	SDCCHET02	10	40	2
4	Anatomy,Embryology of Angiosperms, Plant Ecology and Biodiversity	BOTT31A	25	75	4
5	Anatomy,Embryology of Angiosperms, Plant Ecology and Biodiversity Lab	BOTP31A	10	40	1
6	Plant Physiology and Metabolism	BOTT01	25	75	4
7	Plant Physiology and Metabolism Lab	BOTP01	10	40	1
8	Cell Biology,Cellular Metabolism,Genetics,Organic Evolution and Animal Behaviour	ZOOT31A	25	75	4
9	Cell Biology,CellularMetabolism,Genetics,Organic Evolution and Animal Behaviour Lab	ZOOP31A	10	40	1

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
10	Organic Chemistry and Spectroscopy	CHET31A	25	75	4
11	Organic Preparations and IR Spectral Analysis	CHEP31A	10	40	1
12	Inorganic , Organic and Physical Chemistry	CHET01	25	75	4
13	Organic Qualitative Analysis	CHEP01	10	40	1
14	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	220	730	32

SEMESTER - IV					
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	English Praxis-III	ENGT01A	25	75	3
2	Indian Culture & Science	LSCT12	10	40	2
3	Descriptive Statistics	SDCSTAT01	10	40	2
4	Aquarium Fish keeping and Maintenance of Aquarium	SDCZOOP01	10	40	2
5	Cell Biology, Gentics and Plant Breeding	BOTT41A	25	75	4
6	Cell Biology, Gentics and Plant Breeding Lab	BOTP41A	10	40	1
7	Embryology, physiology and Ecology	ZOOT41A	25	75	4
8	Embryology, physiology and Ecology	ZOOP41A	10	40	1
9	Immunology and Animal biotechnology.	ZOOT01	25	75	4
10	Immunology and animal biotechnology	ZOOP01	10	40	1
11	Inorganic and Physical Chemistry	CHET41A	25	75	4
12	Conductometric and Potentiometric Titrimetry	CHEP41A	10	40	1
13	NCC/NSS/Sports/Extra Curricular	**CEXT02/03/04/05**	10	40	2
		TOTAL(Maximum)	205	695	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMETSER -V					
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	SEC6A	**SECBOTT01**	25	75	3
2	SEC6A	**SECBOTP01**	10	40	2
3	SEC7A	**SECBOTT02**	25	75	3
4	SEC7A	**SECBOTP02**	10	40	2

5	SEC6B	**SECBOTT03**	25	75	3
6	SEC6B	**SECBOTP03**	10	40	2
7	SEC7B	**SECBOTT04**	25	75	3
8	SEC7B	**SECBOTP04**	10	40	2
9	SEC6C	**SECBOTT05**	25	75	3
10	SEC6C	**SECBOTP05**	10	40	2
11	SEC7C	**SECBOTT06**	25	75	3
12	SEC7C	**SECBOTP06**	10	40	2
1	SEC6A	**SECZOOT01**	25	75	3
2	SEC6A	**SECZOOP01**	10	40	2
3	SEC7A	**SECZOOT02**	25	75	3
4	SEC7A	**SECZOOP02**	10	40	2
5	SEC6B	**SECZOOT03**	25	75	3
6	SEC6B	**SECZOOP03**	10	40	2
7	SEC7B	**SECZOOT04**	25	75	3
8	SEC7B	**SECZOOP04**	10	40	2
9	SEC6C	**SECZOOT05**	25	75	3
10	SEC6C	**SECZOOP05**	10	40	2
11	SEC7C	**SECZOOT06**	25	75	3
12	SEC7C	**SECZOOP06**	10	40	2
1	SEC6A	SECCHET01	25	75	3
2	SEC6A	SECCHEP01	10	40	2
3	SEC7A	SECCHET02	25	75	3
4	SEC7A	SECCHEP02	10	40	2
5	SEC6B	SECCHET03	25	75	3
6	SEC6B	SECCHEP03	10	40	2
7	SEC7B	SECCHET04	25	75	3
8	SEC7B	SECCHEP04	10	40	2
9	SEC6C	SECCHET05	25	75	3
10	SEC6C	SECCHEP05	10	40	2
11	SEC7C	SECCHET06	25	75	3
12	SEC7C	SECCHEP06	10	40	2
		TOTAL(Maximum)	**210**	**690**	**30**

SEMESTER - VI					
S.NO	**Name of the Course**	**Course Code**	**Internal Assessment**	**External Assessment Component**	**Credits**
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			**1235**	**3415**	**163**

B.Sc. Mathematics, Electronics, Computer Science

This programme helps the student in choosing his/her career in IT industry either in software application development or in hardware engineering. On completion of the graduation, the student would be able to join as an entry level programmer in IT companies based on his/her quantitative aptitude and technical skills. The vertical mobility of the students of this programme is fairly good in post-graduate programmes like M.C.A., M.B.A., M.Sc. (Computer Science) and M.Sc. (Electronics). The curriculum of this programme contains courses viz. MATLAB, Multisim, 8051 programming, Fiber Optics in addition to regular courses in Electronics and Computer Science courses like Programming in C, Data structures, Web programming through Java, Software Engineering and Embedded systems. Elective courses in the final year, on-job-training and a project work in Electronics are the salient features of this programme.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination with Mathematics, Physics and Chemistry combination.

SEMESTER - I					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Analytical Skill	LSCT03	10	40	2
6	Differential Equations	MATT11A	25	75	5
7	Basic Circuit Theory	ELET11A	25	75	4
8	Basic Circuit Theory Lab	ELEP11A	10	40	1
9	Problem Solving in C	CSCT11B	25	75	4
10	Problem Solving in C Lab	CSCP11B	10	40	1
		TOTAL(Maximum)	165	535	25
SEMESTER - II					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENGT21B	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Human Values and Professional Ethics	LSCT06	10	40	2
5	Electronic System Design & Manufacture with PCB	SDCELEP01	10	40	2
6	Solid Geometry	MATT21A	25	75	5

7	Electronic Devices and Circuits	ELET21A	25	75	4
8	Electronic Devices and Circuits Lab	ELEP21A	10	40	1
9	Data Structures	CSCT21B	25	75	4
10	Data Structures Lab	CSCP21B	10	40	1
		TOTAL(Maximum)	165	535	25
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01A	25	75	3
2	HINDI-III	HINT01			
3	Elementary Number Theory	SDCMATT01	10	40	2
4	Abstract Algeba	MATT31	25	75	5
5	Real Analysis	MATT01	25	75	5
6	Digital Electronics	ELET31	25	75	4
7	Digital Electronics	ELEP31	10	40	1
8	Anlog Circuits and Communications	ELET01	25	75	4
9	Anlog Circuits and Communications Lab	ELEP01	10	40	1
10	Database Management Systems	CSCT34B	25	75	4
11	Database Management Systems Lab	CSCP33A	10	40	1
11	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	200	650	32

SEMESTER - IV					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Indian Culture & Science	LSCT12	10	40	2
3	Disaster Management (Self Study)	SDCDMT01	10	40	2
4	Cyber Security Essentials	SDCCSCT05	10	40	2
5	Linear Algebra	MATT41A	25	75	5
6	Microcontroller and Interfacing	ELET41B	25	75	4
7	Microcontroller and Interfacing Lab	ELEP41B	10	40	1
8	Operating Systems	CSCT41C	25	75	4
9	Operating Systems Lab	CSCP41C	10	40	1

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
10	Object Oriented Programming using Java	CSCT01	25	75	4
11	Object Oriented Programming using Java	CSCT01	10	40	1
12	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	195	655	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

	SEMESTER - V				
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5
3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECELET01	25	75	3
2	SEC6A	SECELEP01	10	40	2
3	SEC7A	SECELET02	25	75	3
4	SEC7A	SECELEP02	10	40	2
5	SEC6B	SECELET03	25	75	3
6	SEC6B	SECELEP03	10	40	2
7	SEC7B	SECELET04	25	75	3
8	SEC7B	SECELEP04	10	40	2
9	SEC6C	SECELET05	25	75	3
10	SEC6C	SECELEP05	10	40	2
11	SEC7C	SECELET06	25	75	3
12	SEC7C	SECELEP06	10	40	2
1	SEC6A	SECCSCT01	25	75	3
2	SEC6A	SECCSCP01	10	40	2
3	SEC7A	SECCSCT02	25	75	3
4	SEC7A	SECCSCP02	10	40	2
5	SEC6B	SECCSCT03	25	75	3
6	SEC6B	SECCSCP03	10	40	2
7	SEC7B	SECCSCT04	25	75	3
8	SEC7B	SECCSCP04	10	40	2
9	SEC6C	SECCSCT05	25	75	3
10	SEC6C	SECCSCP05	10	40	2

11	SEC7C	SECCSCT06	25	75	3
12	SEC7C	SECCSCP06	10	40	2
		TOTAL(Maximum)	190	610	30

SEMESTER - VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			1165	3135	163

B.SC. Computer Applications, Mathematics, Electronics

The B.Sc. (Computer Applications, Mathematics & Electronics) program helps the students in choosing his/her career in Industry either in software or hardware Engineering. The curriculum of this programme contains courses viz. Multisim-11, Masm software, Keil software, Proteus software in Electronic course and computer science courses like Programming in C, Data structures, Web programming through Java software Engineering, Big Data and Embedded system. The vertical mobility of the students of this programme is fairly good to post-graduate courses like M.C.A, M.B.A, M.Sc (computers), M.Sc (Electronics), M.Sc (VLSI Design), M.Sc (Digital signal processing), M.Sc (Instrumentation). Elective courses in final year are strengthened with on job training and a project.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination with Mathematics, Physics and Chemistry combination.

SEMESTER - I					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Enterpreneurship Development	LSCT04	10	40	2
6	Differential Equations	MATT11A	25	75	5
7	Basic Circuit Theory	ELET11A	25	75	4
8	Basic Circuit Theory Lab	ELEP11A	10	40	1
9	Problem Solving in C	CSCT11B	25	75	4
10	Problem Solving in C Lab	CSCP11B	10	40	1
		TOTAL(Maximum)	165	535	25

SEMESTER - II

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-II	ENGT21B	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	Human Values and Professional Ethics	LSCT06	10	40	2
5	Electronic System Design & Manufacture with PCB	SDCELEP01	10	40	2
6	Solid Geometry	MATT21A	25	75	5
7	Electronic Devices and Circuits	ELET21A	25	75	4
8	Electronic Devices and Circuits Lab	ELEP21A	10	40	1
9	Data Structures	CSCT21B	25	75	4
10	Data Structures Lab	CSCP21B	10	40	1
		TOTAL(Maximum)	165	535	25
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01A	25	75	3
2	HINDI-III	HINT01			
3	Personality Enhancement & Leadership	LSCT11	10	40	2
4	Elementary Number Theory	SDCMATT01	10	40	2
5	Cyber Security Essentials	SDCCSCT05	10	40	2
6	Abstract Algeba	MATT31	25	75	5
7	Real Analysis	MATT01	25	75	5
8	Digital Electronics	ELET31	25	75	4
9	Digital Electronics	ELEP31	10	40	1
10	Database Management Systems	CSCT34B	25	75	4
11	Database Management Systems Lab	CSCP33A	10	40	1
12	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	185	615	31

SEMESTER - IV

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
3	Disaster Management (Self Study)	SDCDMT01	10	40	2

			IA TEST	Sem End Exam	Credits
5	Linear Algebra	MATT41A	25	75	5
6	Microcontroller and Interfacing	ELET41B	25	75	4
7	Microcontroller and Interfacing Lab	ELEP41B	10	40	1
8	Anlog Circuits and Communications	ELET01	25	75	4
9	Anlog Circuits and Communications Lab	ELEP01	10	40	1
8	Operating Systems	CSCT41C	25	75	4
9	Operating Systems Lab	CSCP41C	10	40	1
10	Object Oriented Programming using Java	CSCT01	25	75	4
11	Object Oriented Programming using Java Lab	CSCP01	10	40	1
12	NCC/NSS/Sports/Extra Curricular	**CEXT02/03/04/05**	10	40	2
		TOTAL(Maximum)	210	690	32
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER - V					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5
3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECELET01	25	75	3
2	SEC6A	SECELEP01	10	40	2
3	SEC7A	SECELET02	25	75	3
4	SEC7A	SECELEP02	10	40	2
5	SEC6B	SECELET03	25	75	3
6	SEC6B	SECELEP03	10	40	2
7	SEC7B	SECELET04	25	75	3
8	SEC7B	SECELEP04	10	40	2
9	SEC6C	SECELET05	25	75	3
10	SEC6C	SECELEP05	10	40	2
11	SEC7C	SECELET06	25	75	3
12	SEC7C	SECELEP06	10	40	2
1	SEC6A	SECCSCT01	25	75	3
2	SEC6A	SECCSCP01	10	40	2
3	SEC7A	SECCSCT02	25	75	3
4	SEC7A	SECCSCP02	10	40	2

5	SEC6B	SECCSCT03	25	75	3
6	SEC6B	SECCSCP03	10	40	2
7	SEC7B	SECCSCT04	25	75	3
8	SEC7B	SECCSCP04	10	40	2
9	SEC6C	SECCSCT05	25	75	3
10	SEC6C	SECCSCP05	10	40	2
11	SEC7C	SECCSCT06	25	75	3
12	SEC7C	SECCSCP06	10	40	2
		TOTAL(Maximum)	**190**	**610**	**30**

SEMESTER - VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			**1165**	**3135**	**163**

B.SC. Mathematics, Statistics, Data Science

B.Sc., Data Science is a 3-year programme designed to prepare graduates who can conduct data-driven investigations, and conduct visual and advanced analytics by acquiring and managing data of all types. This programme illustrates how to apply statistics, mathematics, databases, machine learning, data mining, business intelligence and analytics, and big data engineering for decision making under uncertainty today. The participants will acquire conceptual and applications expertise required for a Data Scientist, through use of latest tools and techniques. This program will help you to learn Data Science, Big Data, Business Analytics, Predictive Analytics, R, Python, Hadoop, Spark, Marketing Analytics, Financial Analytics, Operations Analytics etc.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examinations with Mathematics as one of the subjects.

SEMESTER - I					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -I	ENGT15	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Analytical Skills	LSCT03	10	40	2
6	Numerical Analysis & Special Functions	MATT16	25	75	5
7	Descriptive Statistics and Theory of Probability	STAT11B	25	75	4

8	Descriptive Statistics Lab	STAP11B	10	40	1
9	Introduction to Python Programming	DSCT11A	25	75	4
10	Introduction to Python Programming Lab	DSCP11A	10	40	1
		TOTAL(Maximum)	165	535	25

SEMESTER -II					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -II	ENGT25	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	National Cadet Crops-I	LSCT09	10	40	2
5	Web Development with Python (Django)	SDCCSCP03	10	40	2
6	Mathematics for Data Science	MATT28	25	75	5
7	Statistical Methods	STAT21B	25	75	4
8	Statistical Methods Lab	STAP21B	10	40	1
9	Data Structures Using Python	DSCT21A	25	75	4
10	Data Structures Using Python Lab	DSCP21A	10	40	1
		TOTAL(Maximum)	175	575	27
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER -III					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -III	ENGT02	25	75	3
2	Personality Enhancement and Leadership	LSCT11	10	40	2
3	Dat Analysis Using MS-Excel Lab	SDCCSCP07	10	40	2
4	Abstract Algebra	MATT31	25	75	5
6	Probability Distributions and Statistical Inference	STAT31B	25	75	4
7	Probability Distributions Lab	STAP31B	10	40	1
8	Applied Statistics	STAT01	25	75	4
9	Applied Statistics Lab	STAP01	10	40	1
9	Elements of R- Programming	DSCT31A	25	75	4
10	Elements of R- Programming Lab	DSCP31A	10	40	1
11	Yoga	CEXP01	10	40	2
		TOTAL(Maximum)	185	615	29

		SEMESTER -IV			
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	Telugu -III	TELT01	25	75	3
2	Hindi-III	HINT01			
3	Disaster Management (Self Study)	SDCDMT01	10	40	2
4	Introduction to Numpy& Pandas	SDCCSCP13	10	40	2
5	Differential Equations	MATT44A	25	75	5
6	Linear Algebra & Matrices	MATT45	25	75	5
7	Sampling Techniques and Design of Experiments	STAT41B	25	75	4
8	Sampling Techniques and Design of Experiments Lab	STAP41B	10	40	1
9	Database Management Systems	DSCT41	25	75	4
10	Database Management Systems Lab	DSCP41	10	40	1
11	Introduction to Java Programming	DSCT42	25	75	4
12	Introduction to Java Programming Lab	DSCP42	10	40	1
13	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	200	690	32
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4
		SEMESTER - V			
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	SEC 6A	SECMATT01	25	75	5
2	SEC 7A	SECMATT02	25	75	5
3	SEC 6B	SECMATT03	25	75	5
4	SEC 7B	SECMATT04	25	75	5
5	SEC 6C	SECMATT05	25	75	5
6	SEC 7C	SECMATT06	25	75	5
1	SEC6A	SECSTAT01	25	75	3
2	SEC6A	SECSTAP01	10	40	2
3	SEC7A	SECSTAT02	25	75	3
4	SEC7A	SECSTAP02	10	40	2
5	SEC6B	SECSTAT01	25	75	3
6	SEC6B	SECSTAP01	10	40	2
7	SEC7B	SECSTAT02	25	75	3
8	SEC7B	SECSTAP02	10	40	2
9	SEC6C	SECSTAT01	25	75	3
10	SEC6C	SECSTAP01	10	40	2

11	SEC7C	SECSTAT02	25	75	3
12	SEC7C	SECSTAP02	10	40	2
1	SEC6A	SECDSCT01	25	75	3
2	SEC6A	SECDSCP01	10	40	2
3	SEC7A	SECDSCT02	25	75	3
4	SEC7A	SECDSCP02	10	40	2
5	SEC6B	SECDSCT03	25	75	3
6	SEC6B	SECDSCP03	10	40	2
7	SEC7B	SECDSCT04	25	75	3
8	SEC7B	SECDSCP04	10	40	2
9	SEC6C	SECDSCT05	25	75	3
10	SEC6C	SECDSCP05	10	40	2
11	SEC7C	SECDSCT06	25	75	3
12	SEC7C	SECDSCP06	10	40	2
		TOTAL(Maximum)	190	610	30

SEMESTER - VI					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
OVERALL TOTAL			1165	3135	163

B.SC. Computer Science with Cognitive Systems

B.Sc Computer Science with Cognitive Systems (In Collaboration with TCS-Industry Integrated) is a 3-year programme designed to create a talent pool of Industry ready students and teaching eco system who would provide value to IT business needs in the areas of IT - Infra structure, IT - Applications - Maintenance & Support. Develop industry relevant students from Computer Science stream. Improve behavioural and technical capability with Innovation mind set.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examinations with Mathematics as one of the subjects.

SEMESTER - I					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -I	ENGT15	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Analytical Skill	LSCT03	10	40	2
6	Elementary Mathematics	MATT14A	25	75	5
8	Problem Solving in C	CGST11	25	75	4

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
9	Problem Solving in C Lab	CGSP11	10	40	1
10	Operating System	CGST12	25	75	4
11	Operating System Lab	CGSP12	10	40	1
		TOTAL(Maximum)	165	535	25

SEMESTER - II

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -II	ENGT25	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	National Cadet Crops-I	LSCT09	10	40	2
5	Introduction to Work Sheet Lab (Excel and VBA)	SDCCSCP04	10	40	2
6	Data Structures	CGST21	25	75	4
7	Data Structures Lab	CGSP21	10	40	1
8	Computer Networks	CGST22	25	75	4
9	Computer Networks Lab	CGSP22	10	40	1
10	Statistical Methods for Cognitive Systems	STAT26	25	75	4
11	Statistical Methods for Cognitive Systems Lab	STAP22	10	40	1
		TOTAL(Maximum)	175	575	25
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -III	ENGT02	25	75	3
2	Personality Development & Leadership	LSCT11	10	40	2
3	Web Designing Lab	SDCCSCP06	10	40	2
4	Statistical Data Analysis using SPSS Lab	SDCSTAP01	10	40	2
5	Probability Distributions and Testing of Hypothesis	STAT36	25	75	4
6	IT Infrastructure Management	CGST31	25	75	4
7	IT Infrastructure Management Lab	CGSP31	10	40	1
8	Data Base Mangement System	CGST32	25	75	4
9	Data Base Mangement System Lab	CGSP32	10	40	1
10	Object Oriented Programming Using Java	CGST33	25	75	4

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
11	Object Oriented Programming Using Java Lab	CGSP33	10	40	1
14	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	195	655	30

SEMESTER - IV					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu -III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Robotic Process Automation Lab	SDCCSCP08	10	40	2
4	Virtualization and Cloud Computing	CGST41	25	75	4
5	Virtualization and Cloud Computing Lab	CGSP41	10	40	1
6	Process Management	CGST42	25	75	4
7	Dev Ops Tools Lab	CGSP42	10	40	1
8	Python Programming	CGST43	25	75	4
9	Python Programming Lab	CGSP43	10	40	1
10	Advanced Java	CGST44	25	75	4
11	Advanced Java Lab	CGSP44	10	40	1
12	Data Mining and Warehousing	CGST45	25	75	4
13	Data Mining Lab	CGSP45	10	40	1
14	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	220	730	32
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

SEMESTER V					
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12

SEMESTER - VI					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC16A	SECCGST01	25	75	3
2	SEC16A	SECCGSP01	10	40	2
3	SEC17A	SECCGST02	25	75	3
4	SEC17A	SECCGSP02	10	40	2
5	SEC18A	SECCGST03	25	75	3
6	SEC18A	SECCGSP03	10	40	2
7	SEC19A	SECCGST04	25	75	3

8	SEC19A	**SECCGSP04**	10	40	2
9	SEC20A	**SECCGST05**	25	75	3
10	SEC20A	**SECCGSP05**	10	40	2
11	SEC21A	**SECCGST06**	25	75	3
12	SEC21A	**SECCGSP06**	10	40	2
1	SEC16B	**SECCGST07**	25	75	3
2	SEC16B	**SECCGSP07**	10	40	2
3	SEC17B	**SECCGST08**	25	75	3
4	SEC17B	**SECCGSP08**	10	40	2
5	SEC18B	**SECCGST09**	25	75	3
6	SEC18B	**SECCGSP09**	10	40	2
7	SEC19B	**SECCGST10**	25	75	3
8	SEC19B	**SECCGSP10**	10	40	2
9	SEC20B	**SECCGST11**	25	75	3
10	SEC20B	**SECCGSP11**	10	40	2
11	SEC21B	**SECCGST12**	25	75	3
12	SEC21B	**SECCGSP12**	10	40	2
1	SEC16C	**SECCGST13**	25	75	3
2	SEC16C	SECCGSP13	10	40	2
3	SEC17C	**SECCGST14**	25	75	3
4	SEC17C	SECCGSP14	10	40	2
5	SEC18C	**SECCGST15**	25	75	3
6	SEC18C	SECCGSP15	10	40	2
7	SEC19C	**SECCGST16**	25	75	3
8	SEC19C	SECCGSP16	10	40	2
9	SEC20C	**SECCGST17**	25	75	3
10	SEC20C	SECCGSP17	10	40	2
11	SEC21C	**SECCGST18**	25	75	3
12	SEC21C	SECCGSP18	10	40	2
		TOTAL(Maximum)	**210**	**690**	**30**
	OVERALL TOTAL		**1215**	**3335**	**162**

B.SC. Artificial Intelligence & Machine Learning (AI & ML)

Artificial Intelligence and Machine Learning Programme prepare students with the skills to perform intelligent data analysis which is a key component in numerous real-world applications. The program is designed to educate the students to build intelligent machines, software, or applications with a cutting-edge combination of machine learning, analytics and visualization technologies. This courseware is going to impart the students on Mathematical Foundations, Statistical Foundations, Machine Learning, Neural Networks, Artificial Intelligence and Expert System. AI and machine learning is to program computers to use example data or experience to solve a given problem

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examinations with Mathematics as one of the subjects.

SEMESTER - I

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -I	ENGT15	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11A			
4	Environmental Studies	LSCT04	10	40	2
5	Personality Enhancement and Leadership	LSCT11	10	40	2
6	Office Tools Lab	SDCCSCP08	10	40	2
7	Vector Calculus and Partial Differential Equations	MATT17	25	75	5
8	Probalem Solving uisng Structured Programming	AIMLT11	25	75	4
9	Probalem Solving uisng Structured Programming Lab	AIMLP11	25	75	4
10	Problem Solving Techniques	AIMLT12	10	40	1
		TOTAL(Maximum)	165	535	26

SEMESTER - II

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -II	ENGT25	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21A			
4	Environmental Studies	CLSCT01	10	40	2
5	Web Designing Lab	SDCCSCP06	10	40	2
6	Data Structures	AIMLT21	25	75	4
7	Data Structures Lab	AIMLP22	10	40	1
8	Python for Data Analysis	AIMLT22	25	75	4
9	Python for Data Analysis Lab	AIMLP22	10	40	1
10	Statistical Methods and Probability Distribution	STAT27	25	75	4
11	Statistical Methods and Probability Distribution	STAP27	10	40	1
12	Calculus and Differential Equations	MATT28	25	75	4
		TOTAL(Maximum)	200	650	29
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Business English -III	ENGT02	25	75	3
2	Introduction to Artificial Intelligence	AMLT31	10	40	2
3	Artificial Intelligence Tools Lab	AMLP31	10	40	2
4	Document Oriented Database	AMLT32	10	40	2
5	Document Oriented Database Lab	AMLP32	25	75	4
6	Linear Algebra & Numerical Methods	MATT	25	75	4
7	Inferential Statistics	STAT35	10	40	1
8	Inferential Statistics Lab	STAP36	25	75	4
9	Yoga	CEXP01	10	40	2
		TOTAL(Maximum)	150	500	24

SEMESTER - IV

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	Telugu -III	TELT01A	25	75	3
2	Hindi-III	HINT01			
3	Quantitative Aptitude	LSCT14	10	40	2
4	Reasoning	LSCT15	10	40	2
5	Communication Skills for Employability-1	SDCENGT03	10	40	2
6	Communication Skills for Employability-2	SDCENGT03	10	40	2
7	Data Mining	AMLT41	25	75	4
8	Data Mining Lab	AMLP41	10	40	2
9	Foundation of Data Science	AMLT42	25	75	4
10	Data Science Lab	AMLP42	10	40	2
11	Neural Networks	AMLT43	25	75	4
12	Neural Networks Lab	AMLP43	10	40	2
13	Introduction to Machine Learning	AMLT44	25	75	4
14	Machine Learning Lab	AMLP44	10	40	2
15	NCC/NSS/Sports/Extra Curricular	**CEXT02/03/04/05**	10	40	2
		TOTAL(Maximum)	215	735	37
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

	SEMESTER V				
S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
	SEMESTER - VI				
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC16A	SECCGST01	25	75	3
2	SEC16A	SECCGSP01	10	40	2
3	SEC17A	SECCGST02	25	75	3
4	SEC17A	SECCGSP02	10	40	2
5	SEC18A	SECCGST03	25	75	3
6	SEC18A	SECCGSP03	10	40	2
7	SEC19A	SECCGST04	25	75	3
8	SEC19A	SECCGSP04	10	40	2
9	SEC20A	SECCGST05	25	75	3
10	SEC20A	SECCGSP05	10	40	2
11	SEC21A	SECCGST06	25	75	3
12	SEC21A	SECCGSP06	10	40	2
1	SEC16B	SECCGST07	25	75	3
2	SEC16B	SECCGSP07	10	40	2
3	SEC17B	SECCGST08	25	75	3
4	SEC17B	SECCGSP08	10	40	2
5	SEC18B	SECCGST09	25	75	3
6	SEC18B	SECCGSP09	10	40	2
7	SEC19B	SECCGST10	25	75	3
8	SEC19B	SECCGSP10	10	40	2
9	SEC20B	SECCGST11	25	75	3
10	SEC20B	SECCGSP11	10	40	2
11	SEC21B	SECCGST12	25	75	3
12	SEC21B	SECCGSP12	10	40	2
1	SEC16C	SECCGST13	25	75	3
2	SEC16C	SECCGSP13	10	40	2
3	SEC17C	SECCGST14	25	75	3
4	SEC17C	SECCGSP14	10	40	2
5	SEC18C	SECCGST15	25	75	3

6	SEC18C	SECCGSP15	10	40	2
7	SEC19C	**SECCGST16**	25	75	3
8	SEC19C	SECCGSP16	10	40	2
9	SEC20C	**SECCGST17**	25	75	3
10	SEC20C	SECCGSP17	10	40	2
11	SEC21C	**SECCGST18**	25	75	3
12	SEC21C	SECCGSP18	10	40	2
		TOTAL(Maximum)	**210**	**690**	**30**
		OVERALL TOTAL	**1190**	**3260**	**166**

Bachelor of Computer Applications (B.C.A.)

This programme provides an understanding and the skills related to the use of computer and its application. In the light of increasing requirement for skilled manpower in IT industry, this programme is tailor-made for the students who wish to opt for career as programmer trainee at entry level soon after completing the graduation. The curriculum of this programme includes foundational courses like IT fundamentals, PC software, Programming in C, Data structures and emerging technologies like Web programming through Java, Data warehousing and Data mining, Object Oriented Analysis and Design through UML etc.

Eligibility: A pass in Intermediate examination of the Board of Intermediate Education, Andhra Pradesh or equivalent examination with M.P.C., Bi.P.C. or M.E.C combinations.

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
	SEMESTER - I				
1	English Praxis-I	ENGT11B	25	75	3
2	Telugu-I	TELT11A	25	75	3
3	Hindi-I	HINT11			
4	Environmental Studies	CLSCT01	10	40	2
5	Entrepreneurship Development	LSCT04	10	40	2
6	Elementary Mathematics	MATT14A	25	75	5
7	Computer Fundamentals and Office Tools	CSCT12B	25	75	4
8	Computer Fundamentals and Office Tools Lab	CSCP12B	10	40	1
9	Programming in C	CSCT13A	25	75	4
10	Programming in C Lab	CSCP13A	10	40	1
		TOTAL(Maximum)	165	535	25
	SEMESTER - II				
S.NO	**Name of the Course**	**Course Code**	**IA TEST**	**Sem End Exam**	**Credits**
1	English Praxis-II	ENGT21B	25	75	3
2	Telugu-II	TELT21A	25	75	3
3	Hindi-II	HINT21			
4	National Cadet Crops-I	LSCT09	10	40	2
5	Security Analyst-1	SDCCSCT01	10	40	2
6	Data Structures	CSCT22B	25	75	4

7	Data Structures Lab	CSCP22B	10	40	1
8	Web Programming	CSCT28	25	75	4
9	Web Programming Lab	CSCP29	10	40	1
10	Accounting and Financial Management	COMT23	25	75	4
11	Accounting and Financial Management (Tally) Lab	COMP24	10	40	1
		TOTAL(Maximum)	175	575	25
1	First internship (April-May after II SEE) Community Service Project	CAIP2	100	0	4

SEMESTER - III					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	English Praxis-III	ENGT01A	25	75	3
2	Enriching Communication Skills	SDCENGT01	10	40	2
3	Object Oriented Programming Using Java	CSCT31	25	75	4
4	Object Oriented Programming Using Java Lab	CSCP31	10	40	1
5	Database Management Systems	CSCT34B	25	75	4
6	Database Management Systems Lab	CSCP33A	10	40	1
7	Operating Systems	CSCT35	25	75	4
8	Operating Systems Lab	CSCP34A	10	40	1
9	Computer Networks	CSCT36	25	75	4
10	Computer Networks Lab	CSCP35	10	40	1
11	Statistical Methods for Computer Applications	STAT35	25	75	4
14	YOGA	CEXP01	10	40	2
		TOTAL(Maximum)	210	690	31

SEMESTER - IV					
S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	TELUGU-III	TELT01	25	75	3
2	HINDI-III	HINT01			
3	Personality Development & Leadership	LSCT11	10	40	2
4	Statistical Data Analysis using SPSS Lab	SDCSTAP01	10	40	2
5	Security Analyst-2	SDCCSCT10	10	40	2
6	Advanced Java	CSCT42A	25	75	4
7	Advanced Java Lab	CSCP42A	10	40	1
8	Object Oriented Software Engineering	CSCT43B	25	75	4
9	Object Oriented Software Engineering Lab	CSCP43B	10	40	1
10	Python	CSCT45A	25	75	4
11	Python Lab	CSCP44A	10	40	1
12	Data Mining and Ware Housing	CSCT46B	25	75	4
13	Data Mining Lab	CSCP45	10	40	1
14	NCC/NSS/Sports/Extra Curricular	CEXT02/03/04/05	10	40	2
		TOTAL(Maximum)	205	695	31
1	Second internship / Project Work / On the Job Training / Apprenticeship	CAIP4	100	0	4

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
SEMETSER -V

S.NO	Name of the Course	Course Code	IA TEST	Sem End Exam	Credits
1	SEC16A	SECBCAT01	25	75	3
2	SEC16A	SECBCAP01	10	40	2
3	SEC17A	SECBCAT02	25	75	3
4	SEC17A	SECBCAP02	10	40	2
5	SEC18A	SECBCAT03	25	75	3
6	SEC18A	SECBCAP03	10	40	2
7	SEC19A	SECBCAT04	25	75	3
8	SEC19A	SECBCAP04	10	40	2
9	SEC20A	SECBCAT05	25	75	3
10	SEC20A	SECBCAP05	10	40	2
11	SEC21A	SECBCAT06	25	75	3
12	SEC21A	SECBCAP06	10	40	2
1	SEC16B	SECBCAT07	25	75	3
2	SEC16B	SECBCAP07	10	40	2
3	SEC17B	SECBCAT08	25	75	3
4	SEC17B	SECBCAP08	10	40	2
5	SEC18B	SECBCAT09	25	75	3
6	SEC18B	SECBCAP09	10	40	2
7	SEC19B	SECBCAT10	25	75	3
8	SEC19B	SECBCAP10	10	40	2
9	SEC20B	SECBCAT11	25	75	3
10	SEC20B	SECBCAP11	10	40	2
11	SEC21B	SECBCAT12	25	75	3
12	SEC21B	SECBCAP12	10	40	2
1	SEC16C	SECBCAT13	25	75	3
2	SEC16C	SECBCAP13	10	40	2
3	SEC17C	SECBCAT14	25	75	3
4	SEC17C	SECBCAP14	10	40	2
5	SEC18C	SECBCAT15	25	75	3
6	SEC18C	SECBCAP15	10	40	2
7	SEC19C	SECBCAT16	25	75	3
8	SEC19C	SECBCAP16	10	40	2
9	SEC20C	SECBCAT17	25	75	3
10	SEC20C	SECBCAP17	10	40	2
11	SEC21C	SECBCAT18	25	75	3
12	SEC21C	SECBCAP18	10	40	2
		TOTAL(Maximum)	210	690	30

SEMESTER VI

S.NO	Name of the Course	Course Code	Internal Assessment	External Assessment Component	Credits
1	Third internship / Project Work / On the Job Training / Apprenticeship	CAIP01	50	150	12
	OVERALL TOTAL		1215	3335	162

Diploma Programme

Diploma in Yoga Education (DYEd)

Department of Physical Education has started Diploma in Yoga Education (DYEd) in 2015. The total intake is 50. Duration is one academic year. After successful completion of this Diploma in Yoga Education course, students may work as Yoga Instructor at private Yoga classes, wellness clinics, rehabilitation clinics, physiotherapy clinics, Gyms etc. This course helps to become a Yoga Instructor or Teacher.

Eligibility: For Diploma course the candidate should have passed in a) 2 years Intermediate pass (10+2) or Pre-University Course (PUC) / 12th Standard pass b) 3 years Polytechnic Diploma pass.

Post - Graduate Programmes

M.Sc. Mathematics

The M.Sc. Mathematics Programme aims to provide students with a broad theoretical background so that students are completely equipped to move into careers in academic, research, industrial and commercial organizations. Mathematics is not only central to science, technology and finance-related fields, but the logical insight; analytical skills and intellectual discipline gained from a mathematical education are highly useful for students in their careers. The curriculum is designed at par with reputed universities to ensure depth in the subject. There is a strong demand for Graduates with Master's degrees in mathematical sciences on the job market in sectors ranging from energy to finance, research, teaching and information technology.

Eligibility: A pass in 3 year B.Sc., or B.A. with Mathematics, as one of the three equal subjects or as main subject, of any recognized university. The mode of admission is through APPGCET.

M.Sc. Physics

The objective of M.Sc. Physics programme is to impart knowledge and training in the recent advancements and modern trends and technologies in the field of Physics with an aim to develop research in commercial and scientific applications. Students will acquire comprehensive knowledge and a sound understanding of physics together with the practical, analytical and mathematical skills of a physicist.

Eligibility: A pass in 3 year B.Sc. with Mathematics and Physics as equal optional subjects or Physics as main subject under main system of any recognised University. The mode of admission is through APPGCET.

M.Sc. (Organic Chemistry)

The M.Sc. (Organic Chemistry) programme is of two years duration and aims to provide students with broad theoretical background so that students are completely equipped to move in to careers in academic, research, industrial and commercial organizations. The department arranges industrial trips every year to give awareness and practical exposure to the students, so that they can expose to the chemistry in practical in relation to the society.

Eligibility: A pass in 3 year B.Sc. with chemistry as one of the three equal optional subjects or Chemistry as main subject under main system or B. Pharmacy of any recognized University. The mode of admission is through APPGCET.

M.Sc. (Computer Science)

The program successfully prepares students to pursue leadership, technical, and management positions in a variety of industries. The curriculum of program is balanced blend of foundational concepts and advanced application, which will strengthen the technical skills of the students. The curriculum of this program contain fundamental courses like Object Oriented Programming Systems, Computer Organization, Software Engineering, Database Management Systems, Data Structures mathematical course like Discrete Mathematical Structures and advanced courses like Big Data Analytics, Internet of Things, Software Testing, Cloud Computing, Cyber Security, Python Programming, Visual Programming etc. Elective courses in the final year, on-job-training and project work are the salient features of the programs.

Eligibility: A pass in 3 year Graduate programme with Computer Science as one of the three equal optional subjects or Computer Science as main subject under main system of any recognised University. The admission will be through APPGCET.

M.Sc. (Computational Data Science)

Data Science is popular in all Academia, Business Sectors, and Research and Development to make effective decision in day to day activities. M.Sc.(Data Science) aims to provide opportunity to all candidates to master the skill sets specific to Data Science with Research Bent. The curriculum supports the students to obtain adequate knowledge in theory of Data Science with hands on experience in relevant domains and tools. Important contributions of Data Acquisition, Visualization and Analytics with tools from Machine Learning is seen in domains like Business Intelligence, Financial Services, Climate Modelling, Weather Forecasting, Medical, Chemo, Bio, Onco informatics etc.

Eligibility: A pass in undergraduate programme with computer science as one of the core subjects. The admission will be through APPGCET.

M.B.A.

An MBA degree offers many professional, as well as personal benefits. Be it in technology, finance, management, marketing, or manufacturing, an MBA degree will open up opportunities for greater responsibility, career advancement, and increased financial reward. From a personal aspect, an MBA will improve your communication and leadership skills which are vital to professional success. Getting a higher salary after graduation, landing a top management position, or even becoming your own boss is just a few of the extra advantages. The future of this country is in the hands of budding managers. The programme is a beneficial qualification to take as it enhances both skills and knowledge and have a wide range of career/academic opportunities.

Eligibility: Degree of minimum 3 years duration from any recognized University or its equivalent with Mathematics as one of the subjects at 10th class level. All the Candidates must qualify in APICET.

M.C.A.

The M.C.A. is of 2 years duration. The program successfully prepares students to pursue leadership, technical, and management positions in a variety of industries. The curriculum of program is balanced blend of foundational concepts and advanced application, which will strengthen the technical skills of the students. The curriculum of this program contain fundamental courses like Introduction to Information Technology, C Programming and Problem Solving, Object Oriented Programming Systems, Computer Organization, Software Engineering, Database Management Systems etc. Elective courses in the final year, on-job-training and project work are the salient features of the programs.

Eligibility: A pass in Bachelor's Degree Examination of not less than three years duration in any discipline with Mathematics at 10+2 level or should have passed Bachelor's Degree Examination of not less than three years duration in any discipline with Mathematics as one of the subjects. The admission will be through APICET.

Clubs
I am Khushbu Nandwani from BBA

My experience with P.B. Siddhartha College of Arts and Science is incredible. The College has given me so much in these three years; honestly, I have become more confident and fearless in standing for me and expressing my talent, apart from great and friendly faculty. There are many ways we can explore self-growth here. I have participated in district, state and national level events won prizes. I role as president of the club Talkology in the college is memorable. The most cherished thing that I have in the college is organizingMagnova. Amazing Library, Canteen (Bajji), Sports are the beautiful souls, helped me to become better everyday.

Performing Arts
I am Chandana Sai Sirisha, BCA

I feel very proud to say that I am 'Siddharthian'. This college gave me a way to show my skills to the world. I'm really thankful to the college for supporting not only for education but also for the co-curricular activities. Being a classical dancer, I made many achievements.

I have chosen cultural wing in P.B. Siddhartha College of Arts & Science. To me this is the best place to prove ourselves. I have attended each and every program or competition in the college in the past 3 years 2019-2022. I got many prizes like '1st Prize' for Solo dance in 'AzadiKaAmritMahotsav' also 1st price for group dance in the same event, 'Unique talent' award in P.B. Siddhartha College of Arts & Science, 2nd prize in media folk group dance, 3rd prize for classical dance. I got 2nd prize at State level classical dance and 1st at District level classical dance competition and felicitation by Joint Collector. I got selected twice for college Youth Festival Krishna University South Zone also Nationals (Karaikudi) performed folk orchestra, folk dance, classical dance.

Highlights of Departments

Computer Science:
Diversified courses; Updating with technologies
Actively involved in placements, Research and publications

Electronics:
Innovations by students; real-time projects.
Providing IOT solutions to the college

Botany:
QR codes for campus plants; Maintains Herbarium
Offering certificate course on Nursery

Zoology:
Museum is having rare and maintained specimens
Certificate Course in Aquarium Design &Maintenance.

Physics:
Tracking the environmental parameter like sound, air quality; Research and publications

Chemistry:
In-charge of Central Research Laboratory
Production of cleaning chemicals, Research and publication

Mathematics:
Conducting Ganitavadhanam; Mathematics models, Research and publications

Statistics:
Using SPSS for data analysis
Maintaining Data sets; Consultancy

English:
A certificate course in collaboration with The HINDU, LSRW mode of teaching

Telugu:
Conducting competitions in Poems & Elocutions
Conducting Astavadhanam, LSRW mode of teaching

Hindi:
Displaying daily a word, LSRW mode of teaching

Economics:
Conducting Surveys; Budget analysis

Commerce:
Commerce Expo, Talent Test
Certificate course with Bajaj finserve, publications

Management:
Conducting surveys; diversified students
Start-ups by the students, Research and publications

Analytics:
Conducting courses simultaneously hands-on-experience with theory; Curriculum includes mix of management and technology courses

ICT tools
- Spread sheets in web version
- Presentation Software
- Power point, Prezi, Google slides
- Information Literacy Skills
- Google Doc
- Google Forms
- Hirect for recruitment

On-line tools
- Google classroom
- Google meet, Teams, Zoom
- Web based shared tools
- Blogger, Word Press, Kaggle, Data Sets
- Video making
- Movie maker, Windows Movie Maker, Power Point Export
- Kahoot, Canva, Plikers, Acadly, Shod Ganga, e-pathshala

ICT infra
- Digital library resources
- Smart boards
- Webinar hall with advanced digital facilities
- Lecture capturing system
- E-classroom
- You Tube channels by lecturers
- Blogs
- Laptops
- Tabs
- Projectors
- Desktops
- Software

Performing Arts

I am Md. Hafsa Roshni Begum, B.Sc. (CAMS)

I have chosen cultural wing and I'm absolutely contended with it. The cultural committee provides a great platform for the students to accentuate their skills. The cultural team members are trained by sophisticated trainers to enhance their skill by expanding one's capabilities. I cheerfully participated in every competition our college aided to. I took part in theatre which includes one act play, mime and skit, folk dance semi-classical dance, folk orchestra. I have secured first place in mime and skit at college level, first place in folk dance (group) at district level and got felicitated by Collector. I secured second place in folk dance (group) at State level, got captured in the news articles taking part in folk orchestra on the account of 'AzadiKaAmritMahotsav', first place (folk orchestra) in the storm overseas education online competitions, first place in folk dance at Lahari Youth Festival, second place in folk dance competition conducted by 75 media and facilitated with the 'Talent Icon Award 2022'.As a 'Proud Siddharthian', I', am extremely thankful to the Management of P.B. Siddhartha College of Arts & Science, Vijayawada for providing a magnificent platform to discover myself.

NCC

D. D. Naga Suresh

Myself D.D. Naga Suresh from III B.Sc MPCS with an enthusiasm I joined 08(A) Naval Unit NCC. I have taken part in RDC 2021 as Naval Best Cadet of AP&T and won champion Directorate award along with 2 lakhs cash award from Honourable Chief Minister of AP Sri Y.S.Jagan Mohan Reddy. I took part in Overseas Deployment (OSD) of Indian Navy's Training Squadron to Sri Lanka, as one among the 10 cadets from India. As Success don't have full stop, got an opportunity to represent NCC INDIA in Bangladesh as a part of Youth Exchange Programme (YEP) as a Cadet Ambassador. I considered this NCC as my platform for exposure to guide my life towards my goals. Back in my college I have all the support when it comes to assistance in cluster management. Guidance for placement in the college helped me all the way to land in MNC NTTData with a decent salary package of 3 LPA. I would like to thank the College management, principal, our ANO sir and my unit for being supportive all the time.

The Vision

The vision of P.B. Siddhartha College of Arts and Science is to impart holistic, realistic and futuristic education by which character is formed, strength of mind is increased, the intellect is expanded and by which one can stand on one's own feet.

Embracing a Vision

Mission

1. Teach our students to be critical thinkers and lifelong learners.
2. Prepare professionals who improve student learning, promote diversity, make informed decisions, engage in collaborative endeavors, maintain professional and ethical standards, and become change agents in their workplaces.
3. Engage in scholarly work that informs the profession and the educational community by providing applied scholarship".

Core Values

In the spirit of our vision and mission we remain committed to understand and solve the important social problems. We always try our best to appropriate our vision and mission with a commitment to excellence, ethical action, and inclusiveness for which the four interdependent core values we absorb to determine our mission.

Diversity

- Ensuring fair and equal access for all;
- Recognizing, appreciating, and celebrating the strength of diversity;
- Providing educational experiences that promote a greater appreciation for diversity;
- Implementing learning activities that integrate diversified topics in the classroom;
- Believing that our similarities and differences are opportunities for establishing a common bond and strengthening the College;
- Seeking and considering multiple points of view;
- Employing a College workforce that reflects the community we serve.

Integrity

- Committed to ethical and responsible behaviour in our own actions and to developing the same commitment in our students, thus fostering individuals who will have the skills, knowledge, and ability to engage positively with a diverse and changing world. Our commitment extends to all levels of our campus to foster a climate of ethical conduct, respect, responsibility and trust;
- Strongly believing inhonesty, courage and trustworthiness;
- Creating a community with characteristics of climate of respect and thoughtfulness among students, faculty, staff and the people of society;
- Committed to be responsible and accountable in operations at all levels of the institution, including continuous assessment of academic programs and transparency in fiscal and operational proceedings;
- Continually seeking to earn the public's trust in all of our actions and words.

Accountability

- The college assumes and demonstrates responsibility for our actions;
- Taking responsibility for personal and professional growth and development;
- Continuously evaluating and improve the systems and policies;
- Establishing and communicate clearly defined and articulated goals and objectives;
- Ensuring that each action adds value to the College and society;
- Demonstrating fiscal and social responsibility.

Harmony

The college always

- valuing and respecting all the stake holders and their valuable opinions, perceptions and impressions. Students, faculty, and staff—as well as the people connected through value added and extension programmes;
- believing in processes of shared decision making based on productive synergistic interactions among our students, faculty, staff and stakeholders in the pursuit of institutional goals;
- dedicate to promoting outreach activities, community education, and partnerships with surrounding entities;
- believing in collaborating with the organizations and constituents with whom we work;
- promoting a safe, healthy and sustainable environment where our community members can flourish personally and socially as whole;
- believing in sharing our academic and cultural resources and expertise with the public, educational institutions,

businesses houses, cultural centres, and public and non-profit agencies, when appropriate;

- working to enable students to integrate into the larger world to promote a commitment to public service through experiential education. Faculty and staff serve the state and local constituents by sharing their energy, talents, and experience;

Goals:

- To transform the students' lives to respond socially, intellectually and emotionally;
- To develop academic excellence of the students by sensitizing human values, ethical values, social values, creativity, and enhance overall personality;
- To prepare students to meet the challenges of living through their academics by following 'the ways and means embedded with values';
- To prepare the students to lead productive, responsible and creative lives by applying the acquired knowledge, for the benefit of the society as a whole.
- Stand at all stakeholders as Siddharthians wedding to the slogan "Enter to learn, leave to serve and live as Siddharthians.

Objectives

- To respond to the educational needs of the region by starting the relevant graduate, Post-graduate programmes in arts, science and commerce;

- To respond to the skill sets needed in this region by starting certificate courses / short term training programmes and diverse programmes;

- To transmit and share knowledge by implementing right teaching pedagogy;

- To develop critical abilities among the students in the process of learning;

- To promote high levels of diverse achievements of the students by providing appropriate co-curricular and extra-curricular support;

- To enhance extensive services to the neighborhood society;

- To involve the industry and alumni in all walks of life in the College.

To create best ecosystem for higher learning in the campus, the management of the college is encouraging faculty members to attend workshops, national and international conferences/seminars, FDP's which help them to update their knowledge and achieve excellence in teaching as well as research. The management not only encourages students to achieve academic excellence but also facilitates their overall development. Value added programs such as 'employability enhancement program', quantitative aptitude and soft skills training are offered to the students. Sports and other extracurricular activities are supported by leadership.

Our Motto

Atma Deepo Bhava (Be a light onto yourself)

It was Buddha's last day in this mortal world. Ananda was his cousin and also the closest disciple. He was crying and weeping. Ananda was not yet enlightened. He was saying Buddha, "You are a spiritual Guru and a beacon to me and all us on this journey of enlightenment. Now you are leaving us all. What will happen to us? What will happen to me? Who will show us the right way and right path? Who will take me and guide me on this spiritual journey? The whole world and life was an utter darkness to us and you came in our life as our light and delight. Who will show us this light now?" Buddha just opened his eyes and said, "Appo Deepo Bhava". He said, "Just be a light unto yourself. Nobody can give this light to you". All Buddha's have just pointed towards this light. We all have to move towards this divine light that is hidden in each one of us.

Our Spirit

Dharmam Saranam Gachhami.
Dharma is the ultimate truth or ultimate reality. Dharma is impersonal; we don't in any way try to personify it to make it any kind of personal deity. When we chant in Pali the verse on Dharma, we say it is 'sanditthikoakalikoehipassikoopanayikopacca ttamveditabbovinnuhi'. As Dharma has no personal attributes, we can't even say it is good or bad or anything that has any superlative or comparative quality; it is beyond the dualistic conceptions of mind.
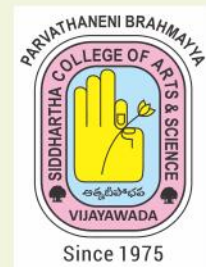
Our Watchword

Incessu (Latin) = Progression or gait

Transits constantly exert a pressure upon our permanent and essential identity, symbolized by our birth-chart. The pressures may cause pleasure, happiness, exaltation - or pain, misery, and depression. Some may strengthen basic factors in our nature; others may ten to disintegrate our personality. But, they are that which every day and year after year challenges us. What is it in us which will accept these challenges and make of them opportunities for becoming more and more that which we potentially are? This is our "intelligence." This conversion of challenges into opportunities is progression.

Our Mascot

The red panda; Scientific name: Ailurusfulgens), It is a small arborealmammal native to the eastern Himalayas that has been classified as vulnerable by IUCN. Red panda teaches us that - even if we are happiest on our own, or wish for space to ourselves - sometimes we must take a little time to see to the needs of others, if only to make sure that we can get adequate rest. By helping the community, friends, family, or even strangers; you better care for yourself.

Our Colours

Saffron, Yellow Green

Saffron: Saffron denotes courage and selflessness. It signifies renunciation and the absolution of the ego. It is meant to remind us to conduct ourselves to work without seeking material gains, but rather for the good of the society.

Yellow: It's the colour of happiness, and optimism, of enlightenment and creativity, sunshine and spring.

Green: The green represents faith, fertility and prosperity. It is considered to be a festive and stabilizing colour that represents life and happiness. It demonstrates the value placed on the earth as the ground upon which all life is dependent. It reminds us to preserve nature.

Actualizing the vision

In the year 1975, away from the ceaseless bustle of the trading yards, the crisscross of trains through this junction to every part of the country and the majestic gush of the Krishna waters through the spillways of the Prakasam barrage, some best minds were in unison for a noble cause in Vijayawada. Vijayawada, devoid of a single post-graduate or professional institution at that time, became the hub of educational needs of the state, Andhra Pradesh. It is but for the Academy, the transformation of Vijayawada from intellectual Sahara to a vibrant education centre like Nalanda. That was the background of birth of the 'Academy of General and Technical Education', which was rechristened later as 'Siddhartha Academy of General and Technical Education', The Academy all these years striving hard to outreach the young to get their education that not only make them qualified for the job, but also equip themselves to struggle for life, bring out a strength of character, a spirit of philosophy and the courage of a lion- i.e.

wholesome development of a man.. Man making, life building and character assimilation ideas are imparted in all the institutions under their surveillance. They started their journey with ParvathaneniBrahmayya Siddhartha College of Arts and Science in 1975. The Academy in fulfilment of its mission started the following institutions in Vijayawada.

1. ParvathaneniBrahmayya Siddhartha College of Arts & Science, Vijayawada (1975).
2. ParvathaneniBrahmayya Siddhartha Junior College of Arts & Science, Vijayawada (1975).
3. VeeramachaneniPaddayya Siddhartha Public School, Vijayawada (1977).
4. V.R. Siddhartha Engineering College, Vijayawada (1977).
5. S.D.M. Siddhartha Mahila Junior Kalasala, Vijayawada (1982).
6. S.D.M. Siddhartha MahilaKalasala, Vijayawada (1983).
7. Y.V. Rao Siddhartha College of Education, Vijayawada (1984).
8. S.V.D. Siddhartha Law College, Vijayawada (1987).
9. Post Graduate Centre of ParvathaneniBrahmayya Siddhartha College of Arts & Science (1987)
10. K.C.P. Siddhartha Adarsh Residential Public School, Vijayawada (1991)
11. K.V.S.R. Siddhartha College of Pharmaceutical Sciences, Vijayawada (1994).
12. P.V.P. Siddhartha Institute of Technology, Vijayawada (1998).
13. Siddhartha Institute of Hotel Management and Catering Technology, Vijayawada (2002).
14. Dr.Pinnamaneni Siddhartha Institute of Medical Sciences and Research Foundation, Vijayawada (2002).
15. Siddhartha School of Nursing (2003)
16. Drs.Sudha&NageswaraRao Siddhartha Institute of Dental Sciences (2005).
17. A.G. & S.G. Siddhartha Degree College, Vuyyuru
18. A.G. & S.G. Siddhartha Junior College, Vuyyuru

Consolidating the Legacy

ParvathaneniBrahmayya Siddhartha College of Arts & Science (PBSCAS) has emerged as premier HEI in the region, with the present strength of 3557 students and 135 faculty members offering highly diversified programmes in UG and PG streams. 'Autonomy' was granted to UG programmes in 1988 and PG programmes in 2017. New Age Programmes, Industry Integrated Programmes, Certificate Courses, Skill Development Courses, Skill Enhancement Courses, Add-on Courses, Life Skill Courses are introduced in the college to satisfy the academic pursuit of student community, only being autonomous. All fields of higher education like Curriculum Design and Enrichment, Learner Centric Teaching, ICT Enabled Pedagogy, Project Based Learning, Experiential Learning, due weightage to Extra-curricular Activities and Neighbourhood Activities, Student Friendly Campus, Participatory Management by stakeholders are a few making PBSCAS campus life invigorating. Campus Recruitment Training is a part of our curriculum. High priority is given to campus recruitment. Nearly 30 companies are in our recruiters list. 500 students are placed in the academic year 2021-22. The Industry Connect of the college is of great help to our students in curriculum design and conducting campus drives. Entrepreneurial development with start-ups and innovations is another domain of the college for student development. 45 years of college in Higher Education has created a niche in the region by the unstinted support of management.

Hangouts

e- Classroom

College has e-Class Room to benefit the students and to improve creative skills of various levels. This classroom has the Internet facility and Interactive Board (smart board) to provide latest techniques in communications and to polish the organization skills.

Library & Information Centre

The college had prestigious Central Library with an excellent collection of 93764 volumes, which includes Text books, Reference books, Competitive books, Encyclopaedias, Dictionaries etc. Our library is fully automated providing web-based OPAC (Online Public Access Catalogue) and circulation through bar-code system. 100 seating capacity is available for reference, competitive corner and personality development. Reprography facility is also available. E-Resources like I N F L I B N E T, N - L I S T, D E L N E T, T I O L (TaxIndiaOnline.com) and Magzter are subscribed. Back volumes of journals are available for reference. Library services are catered to the stakeholders from 8.00 a.m. to 7.00 p.m. Monday to Saturday and 8.00 a.m. to 1.00 p.m. on Sunday.
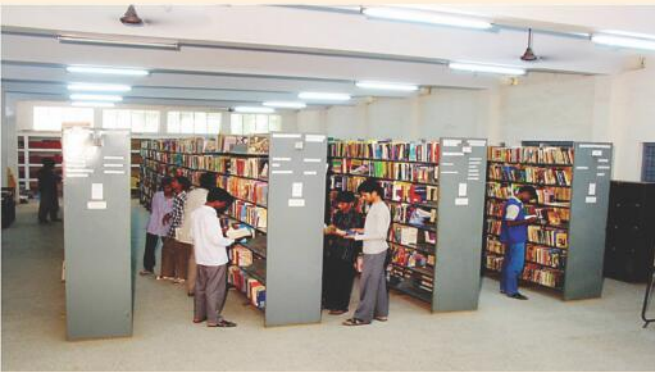
Reading Room

In extension to the central library reading room facility was inaugurated in the year 2016 with 60 seating capacity. Showcased are more than 122 journals/magazines and 17 newspapers for the use of our students & staff. Book reviews will be conducted in reading room.

Internet Centre

Internet centre housed in reading room consists of 20 terminals to serve free internet to students & Staff from 8.00 a.m. to 5.00 p.m. Modern Computing facilities are available at the Computer centre with reprography facilities. High Speed Internet Connectivity via leased line data circuits with 100 Mbps . Students are free to access the computer facility and internet facility even beyond the office hours. It is normally kept open upto 7 p.m on all working days and from 9 a.m to 1 p.m on holidays.

Seminar Hall

Seminar hall is christened as Lyceum. Well-furnished and equipped seminar hall with a capacity of 120 is serving the stakeholders of the college. It is ICT enabled. 35 mm screen and LCD projector are installed for screening videos. Interactive board is also available for presentations. It is also used as media centre.

Webinar Hall

A Webinar hall with 250 seating capacity serves the stakeholders in connecting them to the conferences and interactions even online. Studio facility in the webinar hall facilitates the video recording of the subject content. It is the high end conferencing facility available in the college for national, international seminars.

Auditorium

The college is having a huge indoor auditorium with a professionally-deployed acoustic system and a seating capacity of about 800 audiences. This auditorium has an immense

pride of having hosted several National Level Seminars. The auditorium is spacious, well ventilated and has well-furnished foyer. A regular venue for conferences, workshops and seminars, this auditorium has all the facilities to enhance the learning process and is a vast space that serves the varied requirements of quality education.

E-classroom

E-classroom is a form of online learning, offering various educational programs. This multimedia classroom technology provides a unique learning experience. It uses various educational platforms and communication tools to simplify the process. The e-classroom promotes quality learning. It makes learning very innovative, effective, and engaging. The e-classroom aims to go beyond the black board and textbook approach and improve the learning experience. It helps in connecting technology with education. E-classroom is all about bringing excellence in education. This classroom is a fun activity and can help in minimizing stress. The audio and video format makes it easier for students to understand and retain information
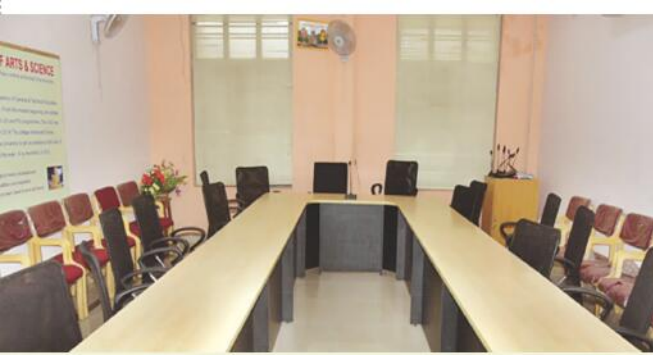
Conference Hall

A Conference Hall accommodating 40 participants enables the conduct of Board meetings, group discussions, H.R. interviews, press meetings etc. It is equipped with all necessary ICT facilities.

The Counselling Cell

The years spent in college can be a time of stress and anxiety for young people as they negotiate the complex challenges of the world of careers and opportunities. Counselling cell attempts to help adolescents cope with the demands of a society in a constant state of flux and transition. The counselling cell draws on the experience and wisdom of eminent psychologists while ensuring confidentiality which is scrupulously maintained

Industry Institution Interaction Cell

The Industry Institute Interaction Cell provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students. This enables students to be aware of the lacunae in their skills and provides an opportunity to upgrade them. It also enables Faculty to be aware of industry expectations & train students to meet these expectations. Such interactions can thus be of mutual benefit to the institution as well as the industry.

Lecture Capturing Hall

A Lecture Capturing Hall is recently established to enable all our faculty members to capture their lectures. Audio mixer is available to synchronize audio and video. Teleprompter is installed to focus the printed or digital formats on the screen. The whole room is ECO free. Software is also provided for editing. Some of our lecturers are maintaining you-tube channels. The digital content is uploaded in our website.

First Aid Centre & Health Centre

The centre is well equipped with blood pressure machine, blood sugar (HGT) testing machine, pulse oximeter, a stretcher, a wheel chair, a hospital bed, observation table, a first aid kit, a dressing kit, a medicine kit and anoral rehydration kit. The centre provides immediate medical help to students, staff, non-teaching and support staff on campus and on occasions like sport day and student festivals. If treatment is required to any person, the case will be referred to the Heath Centre which is nearby and run by trust of the college. Referral cases will be handled by the Hospital run by the trust.

Cafeteria

College gives utmost importance to Hygiene. Cafeteria serves palatable and delicious recipes to the Students and Staff at moderate prices. The Canteen Operator shall provide a menu that includes continental breakfast, traditional vegetarian meals, and a range of snacks at competitive prices. Cafeteria plays a vital role in removing tensions and refreshing students by providing enough and delicious food at affordable rates. It remains open on all working days. It provides all types of nutritious and hygienic eatables and beverages to cater to the students, staff and visitors.R.O. Plant in canteen provides Mineral Water to all.

Incubation and Entrepreneurial Development Cell

EDC in PB Siddhartha College of Arts & Science aims at manifesting latent entrepreneurial spirit of the young minds. EDC hosts various workshops, speakers' sessions, innovative and creative business plan competitions for aspiring entrepreneurs and supporting them by providing necessary infrastructure and resources. It cultivates the start-up culture in the campus.

Laboratories

Statistics

SPSS 11.0 version Software is used for conducting the lab sessions at UG & PG, one of the best academic supports in the college. A separate laboratory is available to the statistics students. Thirty five high end systems are available to teach Operations Research and statistics using computers.

Zoology

Zoology laboratory is well established with Water Quality Analyser, BOD incubator, DO meter, Stereo Binocular Microscope. Opec camera is useful in projecting the video in the monitor and recording the event in the computer. The dissections can be viewed on the TV monitor or computer monitor and, simultaneously, can be recorded. Microscope Image Projection system can be applied to the microscope and the image can be viewed

either on computer monitor. The image can be recorded. The instruments for clinical science have been installed for good practical knowledge. Electrolyte analyzer, Blood analyzer, complete auto analyzer, urine analyzer, electrophoresis kit, thermocycler and ELISA reader are some of the gadgets available in the laboratory.

Chemistry

Centralized Laboratory is established with the sophisticated equipment like Ultrasonic Interferometer, Spectrophotometer & U/V Spectrophotometer, Auto Titrator, HPLC, Millipore Water Plant and Flame Photometer. Fume hoods are installed in all Chemistry laboratories. LR grade chemicals are used in lab sessions and AR grade chemicals are used for research purpose.

Botany

Botany department has the necessary infrastructure for conducting the experiments at UG level by using the equipment and instruments like Laminar air flow, Bio-phase contrast microscope, Spectrophotometer, Submarine electrophoresis, DNA isolator and UV trans-illuminator. Tissue culture lab and Mushroom culture space are attached to Botany lab.

Physics

Physics laboratory is established with advanced research optical benches, fibre optic kits and I.C. Trainers only for day-do-day experiments but also for research purpose. Polarimeter is one of the most important equipment mainly used for research purpose. Multisim 10 user is available in the laboratory for the demonstration to the students. Astronomical Telescope is for observing celestial activities.GM Counter can count the number of electrons emitted and can record path of Electronics. Ultrasonic interferometer can be used with liquid / solid. Thin film equipment is highly used in research.

Computer Science

The Computer Science Department has 7 fully fledged Labs and 2 server rooms with 3 servers in each. All laboratories are under LAN for ease of access and efficiency. Our laboratories equipped with 390 computer systems with higher configurations and latest licensed software. Each laboratory has a projector to assist e-learning.

Electronics

To train the students on Television servicing and trouble shooting, a computer Aided TV trainer kit is procured. All the experiments and project works will be carried out by students using Multisim, simulation software used for designing electronic circuits. Another licensed software tool Multiboard is used to impart training on PCB Design to the students. This laboratory is the one having Multisim software at UG level.

Business Lab

World is a Laboratory for inquisitive minds. College follows a pedagogy which is a blend of both theory as well as practical. With the help of wifi and laptop, real-time experiences, explanations, and interpretations of live trading of security, market fluctuations, and current market price can be analysed by the students to get a feel of the theoretical concepts they study. Simulations and modern-day case study analysis are the need of the hour for any upcoming entrepreneurs and potential employees. College has a well thought and well-equipped business lab which facilitates students to conduct mock sessions, group discussions, and other commerce and management related activities aiming to provide a Launchpad to meet the challenges in the evolving and highly competitive business world globally.

Language Lab

English Language lab is based on the methodology of LSRW skills that are listening, speaking, reading and writing. It is an educational platform for students to learn and understand the basics of a language in a structured way. Digital language lab allows a student to interact, study, experiment with the language skills in a practical manner. It focuses on language skills and efficiently develops the skills in students. Language lab software is used in schools and colleges across the country. In language lab software is a blend of technology that helps in easy and fast learning of English skills.

Central Research Laboratory

A Central Research Laboratory is of utmost importance in any academic institution where the state-of-the-art analytical and high-priced equipment are kept together at a single location and are handled by qualified personnel to provide scientific and technical services for supporting research carried out by UG, PG, PhD and other project students. It strengthens the research-relevant infrastructure of basic science and technology. This kind of facility represents a key commitment for preserving and raising the efficiency of research to the level of international standards. The Central Research Laboratory (CRL) was established with the financial support given by the UGC. The idea being that high priced instruments which may not be available to young budding scientists and researchers in individual laboratories which can be made available at the Central Research Laboratory. In this

connection, the independent laboratory, the CRL of Patna Women's College has the most modern and sophisticated equipment to users of the ever-expanding number of UG and PG students and researchers with various needs.

Our future endeavour will be to make this facility available to other academic and research institutions, industries and organizations in the neighbourhood.

Highlights

o Organizes workshops for the students of other colleges.

o Outreach programmes for the students of Science Departments.

Research activities

o There are facilities to carry out research work for Ph.D. scholars.

o Undergraduate students carry out research projects

Thrust areas: Ecotoxicology, Immunology, Microbiology, Plant Tissue Culture, Molecular Biology, Biochemistry, Archaeological and Material Science.

Co-curricular Activities

"Thinking out of box and learning outside the classroom are the paradigms in the College". Co-curricular activities help attaining these goals. Lot of emphasis on co-curricular activities is given in order to ensure the holistic development of students. Internship is mandatory for 180 hours in the break between IV and V semesters and another one for duration of whole semester in V or VI semester with respect to all UG programmes. Other activities include Students led events, Seminars, Workshops, Student competitions, Internships, Apprenticeship, On-job training etc. Students raise the funds to organize these events by way of sponsorships. Students from different colleges participate in these competitions. Leadership Qualities are nurtured with these activities.

Students Association led events:

⌃ Lemes by English Students Association

⌃ Gadyalapana and Kavithalapana by Telugu Students Association

⌃ Magnova, Kurukeshtra and Convergence by Management Students Association

⌃ Incando, Talent Test and Commerce Expo by Commerce Students Association

⌃ Eon by Economics Students Association

⌃ Visleshak by Analytics Students Association

⌃ Blitz Krieg and Vibhava Computer Science Students Association

⌃ Electrovision by Electronics Students Association

⌃ Chemcolloquium by Chemistry Students Association

⌃ Scintilla by Physics Students Association

⌃ Cientia by Zoology Students Association

Extracurricular Activities & Outreach

Parvathaneni Brahmayya Siddhartha College of Arts and Science conducts Extra-curricular Activities to strengthen campus community connection with a view to inculcate social responsibility to students, as a part of earning non-academic activity (NAA) credits. NAA are those activities that are outside the regular academic programme and outside the college premises. NAA is to enhance social interaction, leadership development, self-discipline and self-confidence. These activities are compulsory for students of PBSCAS in their second year undergraduate. The infrastructure for these activities include Play Ground / Fields, Indoor Stadium, Gym, Yoga Hall, Auditioium for cultural activities. NCC, NSS, Student Clubs, Department of Physical Education and Sports Science promote these activities.

Play Ground / Fields

Sufficient plauground is available on the camus. This playgound accommodates 200 Mts. Track & Field, 2 Volleyball courts, 1 Flood Lighted Basketball, 2 Kabaddi courts, 1 Throwball court, 1 Handball court, 1 Kho-kho court, 1 Sepaktakrow court, 1 Netball court, 1 Football field, Cricket – One wicket, 1 Hockey court, 1 Parallel bar, 1 Pullup bar and 1 Target stand.

Gym

2 Thread mills, 2 Cross trainers , 1 Vibrating mission, 1 Spin byke , 1 Recommended byke, 1 Magnetic byke, 2 Cross rover, 9 Upper body machinery, 6 Lower body machinery, 17 Dumbbells , 8 Weight plates, 3 Olympic bar rod, 2 sets Floor mats and 1 Cable crossover.

Indoor Stadium

Sports are perfect for uniting, strengthening and disciplining the students. The Indoor Stadium facilities encourage greater participation of students, thereby leading to a healthier, happier and more cohesive student community. The overall area of the stadium is 11,250 sq.ft. Play in area is 18m x 35m. Indoor Stadium is a multi-purpose sports centre providing facilities for shuttle badminton and table tennis. It houses the Department of Physical Education and Sports Sciences. Two guest rooms for sports persons are also available in the indoor stadium. Shuttle Badminton courts are with wooden floor.
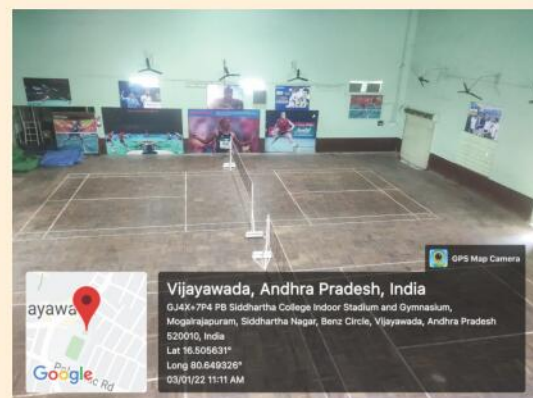
Yoga & Meditation Centre

Now-a-days, College students experience high level of stress in many areas of life. This is because of stiff competition, peer pressure and necessity to use electronic gadgets. The present day life style calls for Yoga & Meditation to be an integral part of life and these should

be placed indeed on the upper pedestal for overall development of students. To provide long term solution to such mental health challenges of modern techno-world, a "Yog and Dhyan Kendra" has been established in the college. In this Kendra, students are taught not only the importance of yoga and meditation but they are also being guided about various methods of performing yoga and meditation. In this Kendra different physical & mental exercises are taught to students.

National Cadet Corps

College has four NCC Units - NCC Infantry 17 (A) Bn, NCC 8 (A) Naval Unit, NCC 3 (A) R & V Regt. and NCC 4 (A) Girls BnMr. R. Puneeth of 17(A) Bn, NCC Army wing attained the pinnacle of success by being selected as a member of Indian contingent to Russia for Youth Exchange Programme. D.D. Naga Suresh NCC 8 (A) Naval Unitparticipated in RD camp, Overseas Deployment camp at Sri Lanka and Youth Exchange Programme at Bangladesh. Every year our cadets participate in RD parades

National Service Scheme

The college has two units managed by two Programme Officers. Students are encouraged to join N.S.S. Our N.S.S. students are actively involved in Clean & Green, Pulse Polio, programmes and other social service activities. Our students actively participate in eco activities through eco clubs and energy clubs. Social service is encouraged through Red Ribbon club.

Performing Arts

The Music Societies encourage young talent. Along with singing, composing and organizing intra-college cultural events, students of these societies bag prizes at virtually every intercollege event- group, duet, solo or instrumental. The Dance Society provides an active platform for a variety of talents that may range from Indian classical dance to Western forms and choreography. Enthusiastic members of this society can be seen practicing at all hours of the day in the Common Room and the Foyer. The society also organizes workshops on creative dance forms. The Dramatics Society taps a range of theatrical talent throughout the year, which culminates in the Annual Public Production. Students receive training from some of the best professional directors and learn to experiment with light, sound, motion, props and body movement. The Public Speaking Society includes the English Debating Society, the Telugu Debating Society, the Quiz Society and the Elocution Society. The Debating Societies create a space for the formulation and expression of opinions. With its emphasis on articulate

expression and logically nuanced argument, debating adds another dimension to PBSCA's tradition of producing capable leaders. The Quiz Society believes that life is all about questions Magazine & Creative Writing Society offers a forum for all those creative geniuses.

Students Clubs

College has started nearly twenty student clubs to instil leadership qualities in the students. Good Habits Club, Eco Club, Green Club, Water Conservation Club, Energy Conservation Club, Book Club, Neighbourhood Club, Digital Literacy Club, Ethics Club, Help Club, Amenities Club, Literacy Club, Cultural Club, Photography Club, Health Club, Women Club, Ethnic Club, Cycle Club, Talent Club and Talkology Club are actively working.

Placement Cell Report 2021-22

The Placement Cell of the College serves as an interface between the students and the recruiters. In addition to bringing a varied list of recruiters to campus, the Placement Cell also organizes workshops, seminars and internship opportunities for the collective student body. The Placement Cell has successfully hosted a wide range of companies for placements and internships this year catering to the needs of all students. Over 40 companies visited our campus to offer full time positions and 465 students were placed in the AY 2021-22. **Schneider Electric, NTT Data, ADP, Accenture, Erazen Life Sicences, Infosys, TCS, Wipro, Capgemini, Cognizant** LNT Infotech, Ultratech Cements, Berger Pints, Reliance Jio Mart hired the students from our college.

600+, 480+	40+	9.5 LPA, 3 LPA
1. No. of placements in 2021-22 2. Number of students placed in 2021-22	• Recruiters visited our college in 2021-22.	1. The highest package offered in 2021-22 2. Average Package offered in 2021-22.

Women Empowerment Cell

You educate a man, a man is educated. You educate a woman, a generation is educated. Women Empowerment Cell in our college is established to empower girl students and staffs and to enhance their understanding of issues related to women in the society and to face the challenges with great courage. The goal of the cell is to bring about the advancement, development and empowerment of women. This cell creates a feel in

them that our college campus is a haven and second home to them. The cell functions arduously to enhance their status and thereby empower them through Guest Lectures, Seminars, Workshops, various awareness programmes and other welfare activities. It runs a certification course in Aesthetics.

Hostel Accommodation

Hostel accommodation is provided separately for boys and girls. Hostels are under complete surveillance under the able hostel wardens.

Alumni

PBSCAS has consistently sent out siddharthians into the world who have been trailblazers in their respective fields, unafraid to make their voice heard. Alumni have excelled in the fields of media. Besides, several eminent corporate leaders are alumnae of the College. Many have chosen to work in the field of education and are doing pioneering work. PBSCAS has contributed many eminent authors, scholars, academicians, civil servants, diplomats, entrepreneurs and corporate employees to the community, who have carved a niche for themselves in India and abroad.

Cultural Landscape - A Varied Tapestry

Student Societies

PBSCAS students not only participate in a rich array of activities, they shape the extracurricular life of the college. Students win the largest number of prizes and trophies at Inter College and Inter University competitions. Student societies provide the student community with the widest possible choice of co-curricular and extra-curricular endeavour. Students take the initiative in organizing meets, competitive events, workshops, lecture demonstrations and cultural festivals, lecture demonstrations and cultural festivals.

Students' Union

The Students' Union, an elected body of student representatives is at the forefront of planning and executing their myriad expressions.

College Policy on Ragging is a zero tolerance zone, any kind of ragging is concerned. All complaints related to any kind of physical, mental, emotional, digital and financial bullying/ragging are addressed immediately by the College constituted anti-ragging committee

Education is the manifestation of the perfection already in man. Arise, Awake, Stop not till the Goal is reached.

Swami Vivekananda

Scholarships

Following are the Scholarships that are available exclusively for the students of Andhra Pradesh. The table below contains the complete list of Scholarships that are offered by departments of the Government of Andhra Pradesh and other Private Organizations.

P.B. Siddhartha College of Arts & Science is also awarding merit scholarships to students who excel in Sports, Games, NCC, NSS, Cultural and Literary Activities. Siddhartha Foundation an offspring of Siddhartha Academy of General & Technical Education awards merit Scholarships to deserving students.

Management Scholarships are also awarded to Students who excel in the Academics in each Programme.

Sports Scholarships for 2021-22

1. K. Chandra Mouli, III B.Sc MECS
2. M. Vinay Kumar, III B.Sc MECS
3. N. Naga Sandeep, III B.Sc MECS
4. P. Pavan Kumar, III B.Sc MECS
5. T. Padma Praneetha, III B.Com Honors
6. Ch. Gnaneswari, III B.Sc CAMS
7. K. Venkatadri, II B.Com General
8. J. Akshit, II BBA
9. P. Supreetha, II B.Com General
10. G. Sushamna, II B.Com Tax
11. V. Sruthi Sirisha, II B.Com CA
12. P. Durga Bhavani, II B.Com General
13. N. Swapna, II MA English
14. K. Rambabu, II M.Sc Chemistry
15. B. Varun Krishna, II B.Sc MSCS
16. B. Seetharamanjaneyulu, II BCA
17. Ch. Chudamani, II BBA

BANK FACILITY

Our Campus Bank is Canara Bank, Siddhartha Nagar branch, Vijayawada with Net Banking, Debit and Credit Card facilities.

ATM

24/7 ATM of Syndicate Bank is available in the campus.

NCC

I am M. Rukmani Krithikaa
BSc MSDS, Batch of 2019-22

I am a proud Siddharthian and will always be one. I have a position of Junior Under Officer of 4(A) Girls Battalion. I got an opportunity to not only develop myself but also to understand about the Indian Armed Forces. NCC helped me to develop the skills of leadership, confidence, time management, team building and understand my own strengths and weaknesses which helped me to become the 1st Best Cadet of Kakinada Group for the year 2020-21 and earn the Cadet Welfare Society Scholarship. I had been shortlisted for the Youth Exchange Program-2021 as a Reserve Cadet from AP &T Directorate. I also did the prestigious Inter-Directorate Sporting Shooting Competition at Secunderabad. I was also the only shortlisted cadet for SSB Camp from AP&T Directorate. I led the Parade of Republic Day Celebrations at our college as the Parade Commander, a memory I would always cherish and look back to when I think of college life. College has taught me to efficiently manage between academics and extra-curricular activities and moulded me into what I am today. Over these three years, our motto, 'Be a light onto yourself' has become a part of me and I will always look up to it.

NCC

I am Nichenametla Dharani from BBA (BA), Batch of 2022

I am prominent to be a Siddharthian and will always be one. I am grateful to this college for my holistic development and giving me the best college life that I could ever think of through academics and NCC. I am a sergeant Major of 4(A) Girls Battalion. I have been part of extra and co-curricular activities such as clubs, yoga and cultural activities. I got an opportunity not only train and develop myself but also to understand about the Indian Armed Forces. NCC has helped me building the skills of leadership, confidence, time management, team work, self-control on emotions and to understand my own strengths and weaknesses. This helped me to overcome and become not only physically strong but also mentally balanced. As I am a BBA Business Analytics student I want to say SWOT Analysis helped me to explore myself. I participated in Ek Bharat Sresht Bharat Camp, integration camp of Andhra and Gujarat Battalions. As a Sargent Major I learnt to be more responsible towards my duties and tasks and also made me to gain useful life skills which a cadet and a citizen have to possess. This College has taught me to manage time between academics and extra-curricular activities not only effectively but also efficiently and moulded me into a balanced person. My motto is 'don't be afraid to take the first step'.

Placements

I am Ridhi Jain of B.C.A

Being an avid programmer, it has been my long time goal to become a Full Stack Developer and this college helped me choose the right course to build a well-established foundation for my career in a well-planned out manner.

Every lecturer that has taught us all these years have played integral parts in our lives academically and emotionally.Now and then, there were times when I used to be confused about my career choices and our lecturers helped us evaluate our decisions and suggested career options based on my interests and helped us get a well evaluated clarity on has to be done for a better future and a career. Thanks to the Training & Placements Department, I got placed in a well renowned company like Deloitte with a high-paying job in the field of my interest and I couldn't be more thankful about it.

No other academic life had such a huge & positive impact on my life as much as my life in this college did. The 3 years I spent in this college helped me hone my communication skills, sense of choice, team work, time management, work ethics, leadership qualities and many more, not to mention the amazing friendships I got."You never know you're in the 'good old days' until you having actually left them" is how I'd describe my college life. On the surface it felt like a normal college life but after graduation and looking back at it, I finally understand how valuable every lesson the college, the lecturers and the life in it has taught me and for it I'm forever grateful to P. B. Siddhartha College of Arts & Science and the Computer Science Department for being such a huge part in making my college life a memorable experience.

NSS

I'm Sai Krishna from II B.Sc MPC

Words are not enough to express what I have learnt from NSS. I'm so grateful towards myself about my decision to take part in NSS as a volunteer. As NSS volunteer I have participated in Various Camps like Donations to help people in need, went to Orphanage and spent some quality time with Orphans there and even conducted different games to them to create a positive vibes within themselves, planted saplings as a part of Clean-Green, Conducted Blood Donation Camp, Volunteered at Punnami Ghat on the occasion of Siva Ratri, one week camp in Mustabad, Participation in Yoga day, national youth day, republic day, rallies and Aazadhi ka Amruth Mahotsav event.

The best part about NSS is that it gives me the opportunity to interact with the people from the different social strata - the poor, the rich, the needy, the humiliated, the successful ones, the struggling ones and many more. I learnt something new when I met some new person actually I inspired. I think no university can teach the nature which I have developed within me through NSS.

I think NSS made me a better leader. I could observe the development in communities' skills, leadership qualities; it's impact on my professional as well as personal life. I was satisfied and I made friends through NSS

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P.G

I am K. Lakshmi Teja (MBA) placed in State Street HCL and MBA Topper.

It's a good opportunity to take student part in P. B. Siddhartha. The events that I took part helped me to grow my confidence level. The Relationship between faculties and students is very cordial, which gave me an opportunity to excel in my area of interest. And I ranked top in my post-graduation(MBA). The time I spent in this college made me a "Better person". I would like to thank all the faculties and placement department for providing me certain skills to be placed in State Street HCL.

Sports

Venkatadri, B.Com

I am proud to be a Siddharthian. My overall experience to date has been amazing. The college is having an extraordinary infrastructure for the sports and education. College has provided me with a number of opportunities to grow and explore my skills in sports like giving permission for examinations, condoning the attendance and conducting special classes for the sports players those who missed the regular classes. The emphasis on education along with sports always helped me a lot. I have always found a positive and healthy environment and the lecturers are highly supportive. Most of my doubts were cleared after the classes get over. I am fortunate for having an opportunity to be a part of this college. It has added a number of values to my life.

BBA Business Analytics

I am Susmitha Pasam of BBA Business Analytics

In a technical sense, business analytics is not especially hard. You could train almost anyone with a bit of mathematical ability to do it. We have software written by data scientists who have a tough job that can help extract useful stuff from a dataset. Business analytics is not highly technically challenging doesn't mean someone with little talent could do the job well. For a successful career in business analytics, you need the right combination of qualities.

I'm very proud to be part of P. B. Siddhartha College of Arts and Sciences.

I am Shaik Khulshum of BBA (Business Analytics)

I am very glad to be part of P.B.Siddhartha college of Arts and Science. This course structure improved my knowledge in advance technology and this course also involves teaching many skills related to career building. BBA Business Analytics is one of the successful implementation by our college. Beyond my academic, I developed my personality skills even.

I J. Naga Himana from Bsc MECS electronics

Being an electronics student, we need to have the skills necessary to work with everyday device like portable music devices, mobile phones before even thinking about and more complicated systems. That is what we have started learning from the very first day of college. It all starts from the basics. A building doesn't stand without a pillar; our subject needs basic as its foundation. At the beginning of our college, we even have no idea about what a circuit is. But, we gained knowledge regarding basic electrical components.

Apart from just theoretical knowledge, anyone looking for a career in electronics, they need practical application and Technical thinking. We can reach this practical application if and only if we start using our technical thinking. Our Department made us to divide into groups, and by using our semester topics, we have done our mini projects in our 3rd semester. Music operated LEDs, Heartbeat sensors, 7 segment LED display control using IR proximity sensor, Security alarm, Rain Alarm sensor, Simple clap switch, Telephone ringtone generator, automatic light controller etc. are the few projects that we involved during our third semester.

During our final semester i. e, 6th semester, we implement more real time projects. Some of them are like Automatic ON/OFF light on Human detection are implemented in our library. Scrolling displays are also implemented at some of our departments. Temperature monitoring boards will be shortly implemented in our college as our department is going to work on them soon! Apart from all the fun, we are having circuits and projects, I would love to mention about our propitious event "ELECTROVISION" which is being conducted since many years, giving opportunity to all the other colleges to get participated and win. Many technical events like Quiz, IC identification, PPTs, circuit makings and including other cultural events and many more are being conducted. I feel so proud being an electronics student. i get a chance to participate in knowledge oriented programs. To spread knowledge to everyone, it's our responsibility to conduct this event every year. If we come to our academics, I took keen interest in learning all the latest technologies which enabled me more confidence to get into my future goals. I choose my career in electronics I could be capable of working in both Technical and Soft skills. Finally, I am so glad that I choose electronics stream and accessing myself to explore the occupations in my favourite field.

Sports

I am Chintala Cheruvu Gnaneswari, B.Sc CAMS

I got placed in TCS through campus placements. I'm proud to say that P.B. Siddhartha college of Arts and Science supported me with free education during my 3 year B.Sc programme as I being the National swimmer and secured 85% in academics. This will be the roller coaster ride in my career thanks to the college for supporting in each and every aspect.

I. MEMORIAL MEDALS, PRIZES

1. Parvathaneni Brahmayya Memorial Gold Medal (1999-2000)

2. Sri Kakarla Venkateswara Rao Memorial Gold Medal

3. Sri Madala Kasi Visweswara Rao memorial Gold Medal

4. Sri Ghanta Sarath memorial Gold Medal

5. Potti Satyanarayana Memorial Gold Medal

6. Sri Vegunta Mohan Prasad Memorial Gold Medal

7. Putcha Sivarama Krishna Sastry Memorial Gold Medal

8. Aryabhatta Gold Medal

II. CASH PRIZES

9. Sri Sureddy Ramabrahmam Cash Prize

10. Sri B. Srinivasa Rao Memorial Cash Prize

11. Department of Chemistry Cash Prize

12. Sri Vemuri Venkata Krishnaiah Memorial Cash Prize

13. Meka Ramakrishna Prasad Memorial Cash Prize

14. Sri Dronavalli Madhusudana Rao Memorial Cash Prize

15. Sri Marothu Suranna Memorial Cash Prize

16. Sri Koutha Kutumba Rao Memorial Cash Prize

17. Sri Jaladi Hanumantha Rao Memorial Cash Prize

18. Sri Kolluri Nageswara Rao Memorial Cash Prize

19. Sri Gottimukkala Rama Rao Memorial Cash Prize

20. Sri Chinta Satyanarayana Memorial Cash Prize

21. Sri Chirumamilla Seshadri Naidu Memorial Cash Prize

22. Smt. Chalasani Vasumathi Cash Prize.

23. Sri Kosaraju Satyanarayana Cash Prize

24. Sri Kode Samba Siva Rao Memorial Cash Prize

25. Management Scholarships

26. Cash Awards

27. Sri S.V.S. Sastry Memorial Cash Prize

28. Sri R.m. Dasaradha Ramayya Memorial Cash Prize

III. GOVERNMENT SCHOLARSHIPS

29. A.P. Government Scholarships
30. A.P. Government state merit Scholarships
31. A.P. Government Scholarships
32. A.P. Government Scholarships to Children of Political Sufferers
33. Government of India National Merit Scholarships:
34. Government of India National Loan Scholarships
35. Govt. of India Post-Metric Scholarships for EPC/EBC/SC/BCST/PH/ Muslim Minority Students
36. Government of India Scholarships for Physically Challenged Students
37. Government of India Scholarships for children of Ex-servicemen or Freedom Fighters
38. National Scholarships for the children of the Primary and Secondary School teachers
39. Award of Scholarships for the Orphans / Destitute and Widowed Students
40. Hindi Scholarships for Non-Hindi Speaking States
41. Post Matric Scolarship for SC,ST,BC and Disabled Welfare Students, Andhra Pradesh
42. Post Matric Scolarship for Minority Community Students, Andhra Pradesh
43. Gayathri Scheme for Academic Excellence (GA-AE), Andhra Pradesh
44. Bharathi Scheme For Education (BSE), Andhra Pradesh
45. Combined Counselling Board (CCB) Scholarship, Andhra Pradesh
46. Kapu Students Scholarships
47. Post Graduate Indira Gandhi Scholarship for Single Girl Child
48. Prime Minister's Scholarship Scheme

IV. NON - GOVERNMENT SCHOLARSHIPS

1. S.R. Jindal Scholarship
2. Scholarship from Hindustan Petroleum Corporation Ltd.
3. Scholarship from Kamakshi Swarnakara Sangam
4. Scholarship from Siddhartha Foundation
5. South Central Railway Employee's Co-Op Credit Fund
6. Scholarship from Batchu Krishtaiah & Venkateswarlu Charitable Trust
7. Special Scholarship for Technical Education
8. Scholarship from the Staff benefit Fund of the Railways
9. Scholarship from Brahmin Educational Service Trust
10. Scholarship from Bhavani Educational Service
11. Scholarship from Sri Lakshmi Ganapathi Seva Samithi
12. Scholarship from Murali Krishna Trust
13. Scholarship from Sri Teki Narasimhacharyulu Educational Trust
14. Scholarship from Vijayawada Urban District Arya Vysya Sangam
15. Scholarship from Sri Markandeya Educational Society
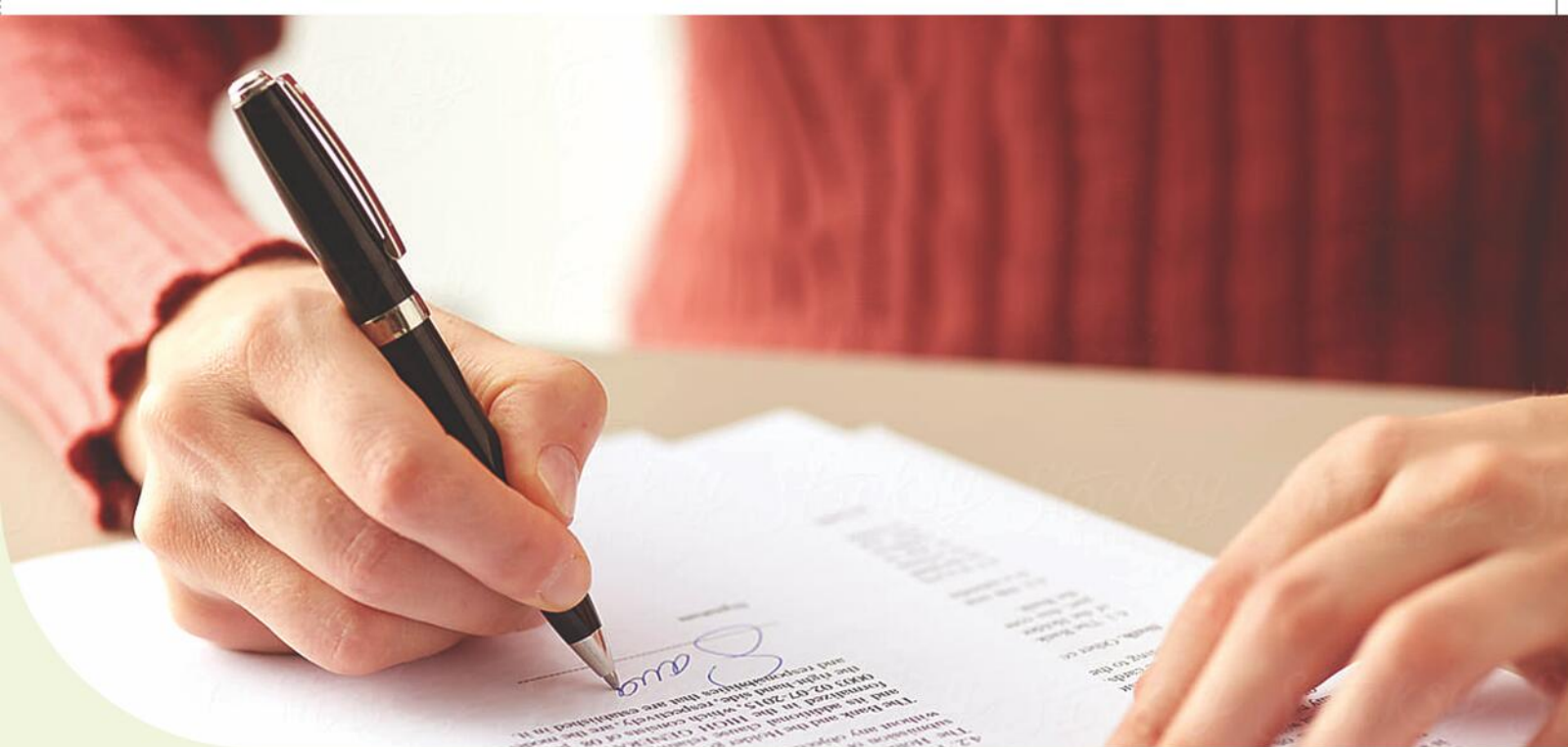
How to Apply for Admission?

UG ADMISSIONS

Candidates must apply online on the OAMDC Portal for admissions into B.A / B.Com / B/Sc., / B.B.A / BCA. To get admission, candidates must have passed 10 + 2 level in the subject concern. The eligible candidates need to register in the OAMDC Portal.

Category A quota (Convener quota) allotment will be made as per merit in OAMDC portal following reservations. Notification for admission under Spot admissions & Category B (Management) quota will be issued by the College after the completion of the Category A allotment.

Fee reimbursement by the Government of A.P. is not applicable to Spot admissions and Category-B (Management) seats.

PG ADMISSIONS

Candidates must apply online on the APPGCET Portal for admission into M.Sc., Mathematics / M.Sc., Physics / M.Sc., Organic Chemistry / M.Sc, Computer Science / M.Sc., Computational Data Science. To get admission, candidates should have passed a graduate degree. Eligible candidates need to appear in APPGCET for Category-A Admissions in Convener quota.

Spot Admissions and Category-B (Management) quota seats allotment will be made separately after the completion of the Category-A Seats. The College will publish the notification separately for these categories.

For admissions into MBA / MCA programmes, APICET qualified candidates must register through online on the APICET web portal. Convener quota (Category-A) admissions will be made through Web counselling.

Spot and Category-B (Management) admissions will be made separately after completion of Category-A seats. The College will publish the notification separately for these categories.

Fee reimbursement by the Government of AP is not applicable to all these admissions.

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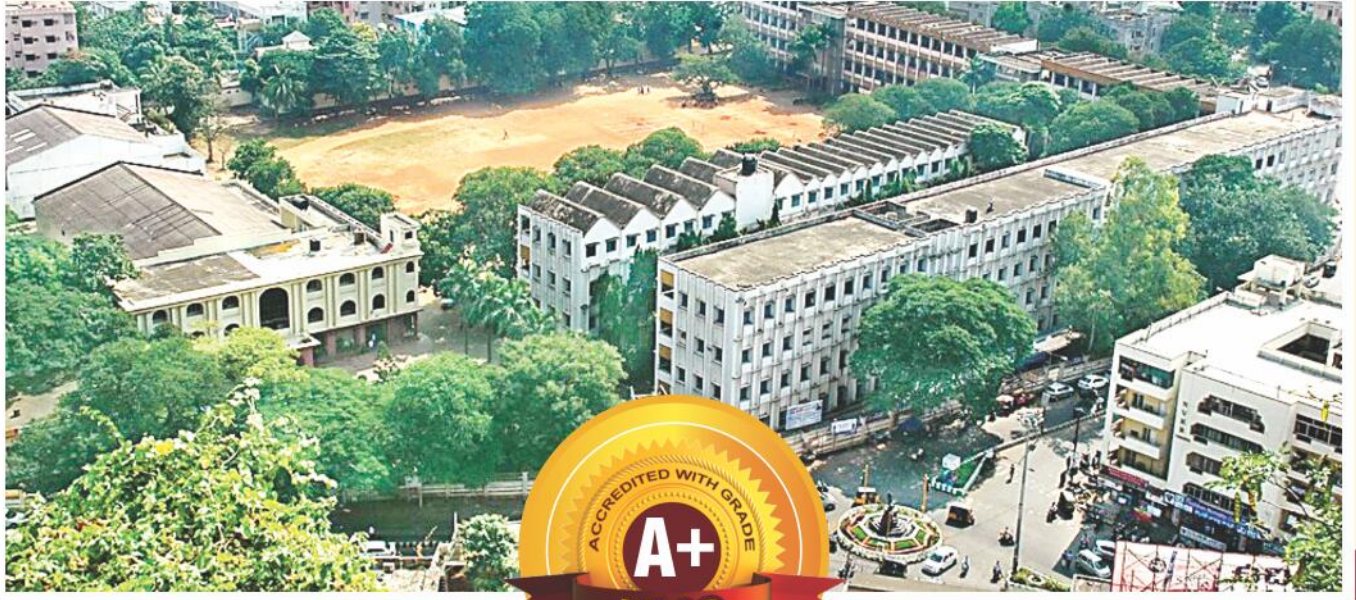
There are still millions who only dream of college PBSCAS is helping some of them realise this dream.

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