



Smt. NPS Govt. College for Women, Chittoor

www.npsgcwctr.edu.in

Email: chittoor.w.jkc@gmail.com

Accredited by NAAC with B Grade,

(ISO 9001:2015 Certified Institution)

Affiliated to Sri Venkateswara University: Thirupati



DEPARTMENT PROFILE OF COMPUTER SCIENCE & APPLICATIONS

- ❖ **Established in the year: 1999**
- ❖ **Programs Offered:**
 - B.Sc : Maths, Statistics, Computer Science**
 - BA : Computer Applications**
 - B.Com: Computer Applications**
- ❖ **Courses Offered through the department:**
 - B.Sc : 24**
 - B. Com: 26**
 - BA : 94**
- ❖ **FC: ICT-1 & ICT -2**
- ❖ **No of faculty working: 02**

Vision

To emerge as a centre of technical expertise in the field of Computer Science and Applications by producing globally competent professionals with technical & research capabilities, ethical values and team spirit.

Mission

- **M1. To produce qualified and competent software professionals.**
- **M2. To induce application oriented and research capabilities in students for the betterment of society.**
- **M3. To inculcate ethics and human values in students so as to adapt to the dynamism in the field of computer science and applications.**

Curriculum

- **The Department follows the CBCS syllabus prescribed by the affiliating Sri Venkateswara University.**
- **The examination pattern is semester system.**
- **The Internal, external assessment and experimental learning are as follows for 25 marks, 75 marks and 50 marks respectively.**

FACULTY PROFILE

S.No.	Name of the Lecturer	Designation	Qualification
1	Smt. Y. Jnapika 	Lecturer in Computer Science	M.Tech, UGC-NET, SET.,
2	Smt. K. Srilatha 	Lecturer in Computer Applications	M.Sc, B.Ed, MCA, (Ph.D),,

RESEARCH PAPERS

2017-18 to 2021-22

S.No.	Name of the Faculty	No. of Papers published
1	Smt.Y.Jnapika	6
2	Smt.K.Srilatha	2
3	Dr.C.Udaya	4

WORKSHOPS/SEMINARS/ FDPs/MOOCs

2017-18 to 2021-22

S.No.	Name of the Faculty	No. of Attended
1	Smt.Y.Jnapika	9
2	Smt.K.Srilatha	10
3	Dr. C. Udaya	9

LAB & LIBRARY FACILITY TO STUDENTS

- **Number of Classrooms : 09**
- **Number of Labs with ICT Facilities: 02**
- **Systems : 30 systems in LAB I**
24 systems in Lab II
- **Wi – fi enabled: Yes**
- **Projector: one in Lab-1 & one in Lab-2**
- **Printers : 02 in Lab-1**
- **Scanners: 02 in Lab-1**
- **Number of Volumes : 36**
- **Details of Enrichment programmes:**
 - **Guest Lectures by Visiting Faculty**
 - **Bridge Courses**
 - **Remedial Coaching**
 - **Student Seminars and Assignments**
- **Teaching Learning Methods:**
 - **Lecture method**
 - **Group Discussions**
 - **Debates and Quiz's**
 - **Brainstorming**
 - **Question & Answer method**
 - **Problem Solving method**

SWOC

(Strengths/Weakness/Opportunities/Challenges)

Strengths:

- **Qualified and experienced Faculty for teaching updated technical subjects.**
- **Guiding the students for online competitive examination and providing material.**
- **Technical support to all the departments of the college.**

Weakness:

- **Lack of updated systems and required software as per student::system ratio.**
- **Less number of department library volumes as per the updated syllabus.**

Opportunities:

- **Banking Sector**
- **Software Sector**
- **Testing**
- **Statistical Officer**
- **Financial & Auditing**
- **Teaching Profession**
- **Government Jobs**

Challenges:

- **Lack of awareness of the growth in this programme or course.**
- **Less student enrolment**

Future Plans:



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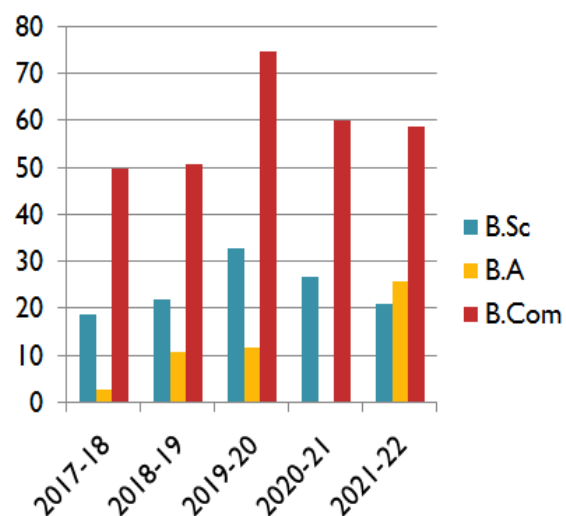


DEPARTMENT PROFILE OF COMPUTER SCIENCE & APPLICATIONS

S.No.	Activity	Academic Year 2021-22	Planned for the A.Y. 2022-23
1	Departmental Review Meetings	4	4
2	Additional Inputs	PPTs, Videos	PPTs, Videos, Competitive MCQs
3	Class Seminars	9	10
4	Group Discussions	2	4
5	Quiz's	2	4
6	Guest Lectures	2	4
7	Invited Lectures	2	2
8	Student Study Projects	5	5
9	Assignments	54	75
10	Remedial Classes	6	6
11	Counselling Classes	3	4
12	Linkages/MOUs	3	3
13	Extension Programmes	2	4
14	Awards/Recognitions	1	-

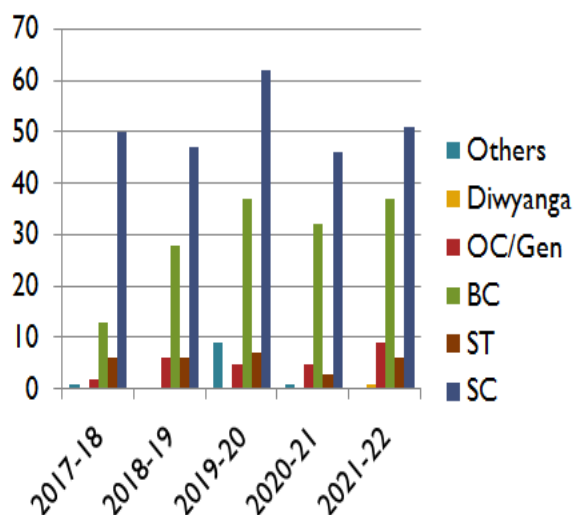
STUDENT STRENGTH PARTICULARS

A.Y. / Course	B.Sc	B.A	B.Com
2017-18	19	3	50
2018-19	22	11	51
2019-20	33	12	75
2020-21	27	0	60
2021-22	21	26	59

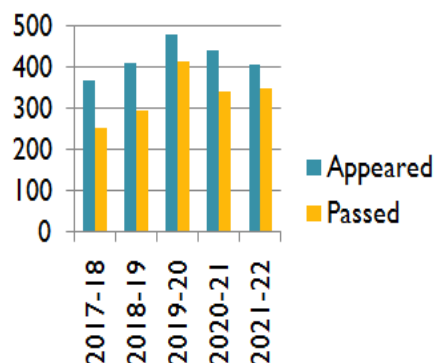
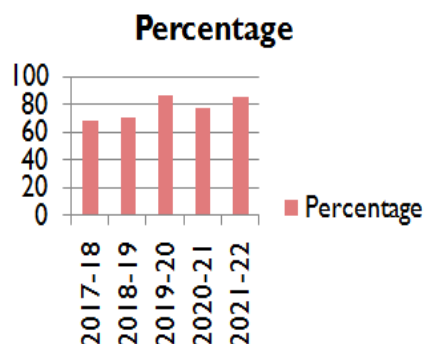


STUDENT STRENGTH DIVERSITY

A.Y/ Category	Others	Diwy anga	OC/ Gen	BC	ST	SC
2017-18	1	0	2	13	6	50
2018-19	0	0	6	28	6	47
2019-20	9	0	5	37	7	62
2020-21	1	0	5	32	3	46
2021-22	0	1	9	37	6	51



STUDENT RESULT ANALYSIS

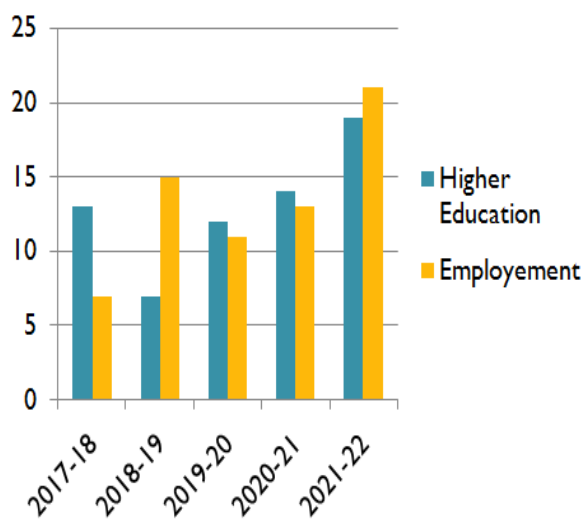


A.Y	Percentage
2017-18	68
2018-19	71
2019-20	86
2020-21	77
2021-22	85

A.Y	Appeared	Passed
2017-18	370	253
2018-19	411	295
2019-20	480	416
2020-21	440	340
2021-22	407	350

Student Progression

A.Y	Higher Education	Employment
2017-18	13	7
2018-19	7	15
2019-20	12	11
2020-21	14	13
2021-22	19	21



BEST PRACTICES



Sri S.Vinay, IT Service Engineer, Indoteq, Chittoor.



Smt. K. Srilatha, Lec. in Computer Applications



Smt. K. Srilatha, Lec. in Computer Applications



Smt. C.S Udaya, Lec. in Computer Science

Departmental Activity



SCIENCE DAY



POSTER PRESENTATION



SEMINAR

