

SRI DASARI NARAYANA RAO
GOVERNMENT DEGREE COLLEGE(W),
PALAKOL,W.G. DIST, AP



COMPUTER SCIENCE
DEPARTMENTAL PROFILE
2017-2022

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HISTORY OF COMPUTER SCIENCE DEPARTMENT

Sri D.N.R. Government Degree College for women, Palakol was established in the year 1982 with B.Com and B.A (with history, economics and politics combination) to cater the needs of the women in and around palakol.

Later B.Sc, course was introduced in the year 2001 with Mathematics, physics and computer science combination as self finance course. Thus Computer Science department was established in the year 2001.

The following staff worked as faculty members in the department of Computer Science

1.Kum.Sravani	2006-2008
2.Kum.Y.V.Padmasri	2009-2013
3.Kum.M.Y.Lakshmi Devi	2013-2017
4.Kum.R.Sailaja	2017-till to date
5.kum.k.Bhagya Lakshmi	2017-2018
6.Kum.K.Hema NagaMani	2018-2019
7.A.Bharghavi	2019-2020
8. Smt.V.Mamatha	2021- Till to date

VISION & MISSION

VISION

To create the most conducive environment for quality academic and research oriented undergraduate education in computer science and prepare the students for a globalised technological society and orient them towards serving the society.

To impart moral and ethical values, and interpersonal skills to the students. To empower the students with the required skills to solve the complex technological problems of modern society and also provide them with a framework for promoting collaborative and multidisciplinary activities.

MISSION

To create, share, and apply knowledge in Computer Science, including in interdisciplinary areas that extend the scope of Computer Science and benefit humanity; to educate students to be successful, ethical, and effective problem-solvers and life-long learners who will contribute positively to the economic well-being of our region and nation and who are prepared to tackle complex 21st Century challenges facing the world.

AIMS AND OBJECTIVES

- To create awareness on higher studies through Career Guidance
- To contribute for the multi dimensional development of the students by imparting necessary knowledge and skills in the subject as well as related activities so as to enable them to face the future challenges.
- To produce programmers equipped with an understanding of fundamental computational concepts underlying most programming languages
- the solution of small problems using a programming language
- the clear expression of solutions at different levels of abstraction independent and self-motivated study in Computing Science.

STRENGTHS AND ACHIEVEMENTS

STRENGTHS

The well-qualified , highly experienced and Committed faculty members with Good result and increase in student strength, good infrastructure ,cutting-edge laboratories with internet facilities.ICT enabled teaching. All computers are connected through LAN and managed from the centralized Data Centre. We have computers that are upgraded regularly in keeping with technological developments, and we frequently procure licensed software depending upon the curriculum requirements and latest trends of use in the industry. Centralized UPS back up facility is used in all labs and Central Computing Centre are the real strengths of the department

ACHIEVEMENTS

- Our department is conducting certification courses every year for both computers and non computers students.
- Computer science department is conducting Webinars, seminars, paper presentations and group discussions for students on trending technologies to update their knowledge as per development in technology.

TEACHERS' PROFILE

The institution has two COMPUTER SCIENCE Faculty positions, out of which one Guest Lecturer R.Sailaja with more than 5 years experience and another Guest Lecture V.Mamatha with 2 years experience presently working in this college and is working against the Sanctioned Posts.

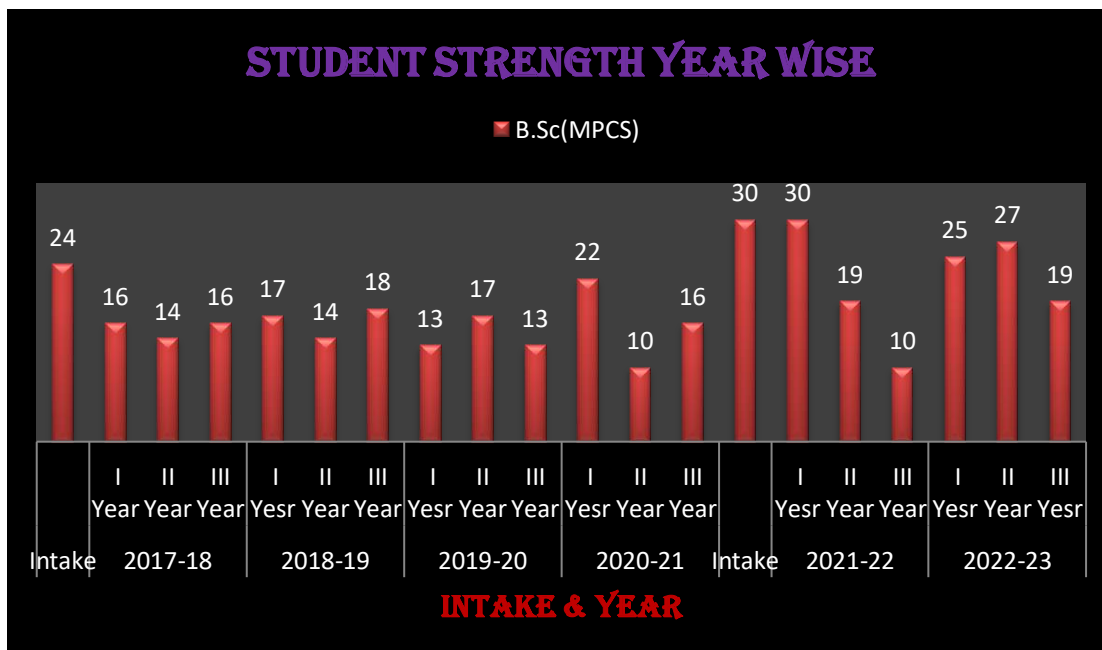
Name of the faculty	Qualification	Year of Joining	Designation	Experience
Kum.Sravani	MCA	2006	Lecturer	5 Years
Kum.Y.V.Padmasri	MCA	2009	Lecturer	5 Years
Kum.M.Y.Lakshmi Devi	MCA	2013	Lecturer	5 Years
Sri.Ch.Chinni	MCA	2013	Lecturer	5 Years
kum.k.Bhagya Lakshmi	MCA	2017	Lecturer	1 year
Kum.K.Hema NagaMani	MCA	2018	Lecturer	1 year
A.Bharghavi	MCA	2019	Lecturer	1 year
Kum.R.Sailaja	MCA	2017	Lecturer	5 years
Smt.V.Mamatha	MCA	2021	Lecturer	2 years

STUDENT STRENGTH YEAR WISE

S.No	Name of the Course	Intake	2017-18			2018-19		
			I Year	II Year	III Year	I Yesr	II Year	III Year
1	B.Sc(MPCS)	24	16	14	16	17	14	18

S.No	Name of the Course	Intake	2019-20			2020-21		
			I Year	II Year	III Year	I Year	IIYear	III Year
1.	B.Sc(MPCS)	24	13	17	13	22	10	16

S.No	Name of the Course	Intake	2021-22			2022-23		
			I Year	II Year	III Year	I Year	II Year	III Year
1.	B.Sc(MPCS)	30	30	19	10	25	27	19

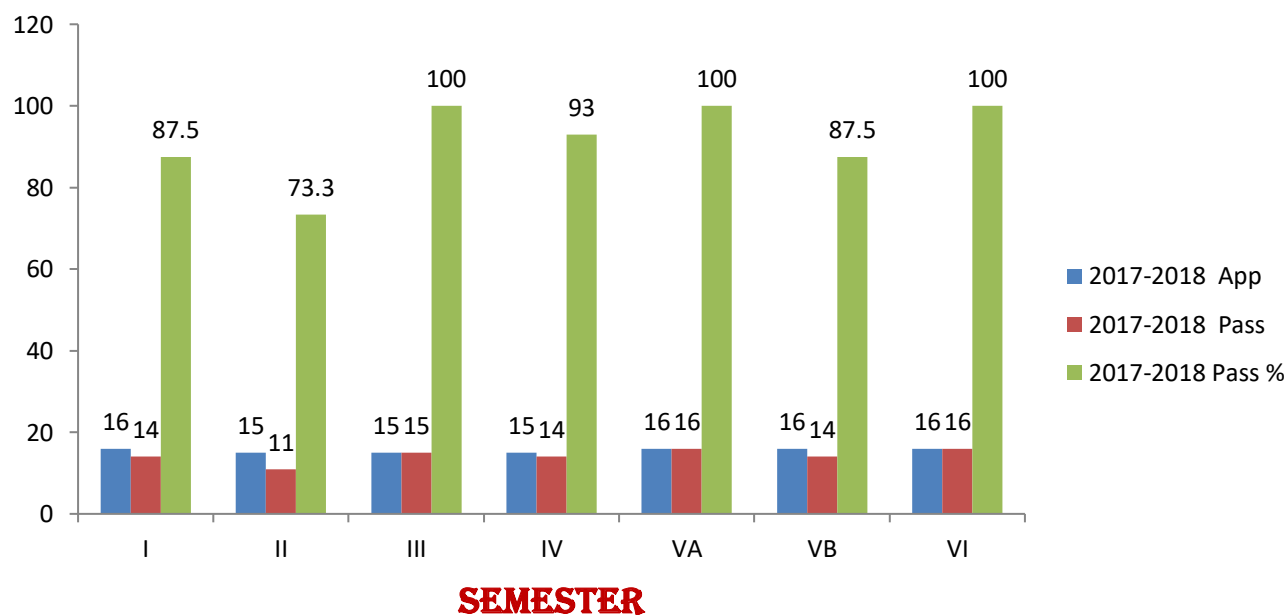


UNIVERSITY EXAMINATION RESULTS

2017-2018 SEMESTER WISE RESULTS

Academic year	S.NO	Name of the Lecturer	Semester	Title of the Paper	No.of Students Appeared	No.Of Students Passed	Pass percentage
2017-18	1	k.Bhagya lakshmi	I	Computer Fundamentals and PhotoShop	16	14	87.5
	2	A. Bhargavi	II	Programming in C	15	11	73.3
	3	R. Sailaja	III	Object oriented programming using java	15	15	100
	4	R. Sailaja	IV	Data structures	15	14	93
	5	R. Sailaja	VA	Database Management System	16	16	100
	6	k. Bhagya lakshmi	VB	Software Engineering	16	14	87.5
	7	R. Sailaja	VI	Web technologies	16	16	100

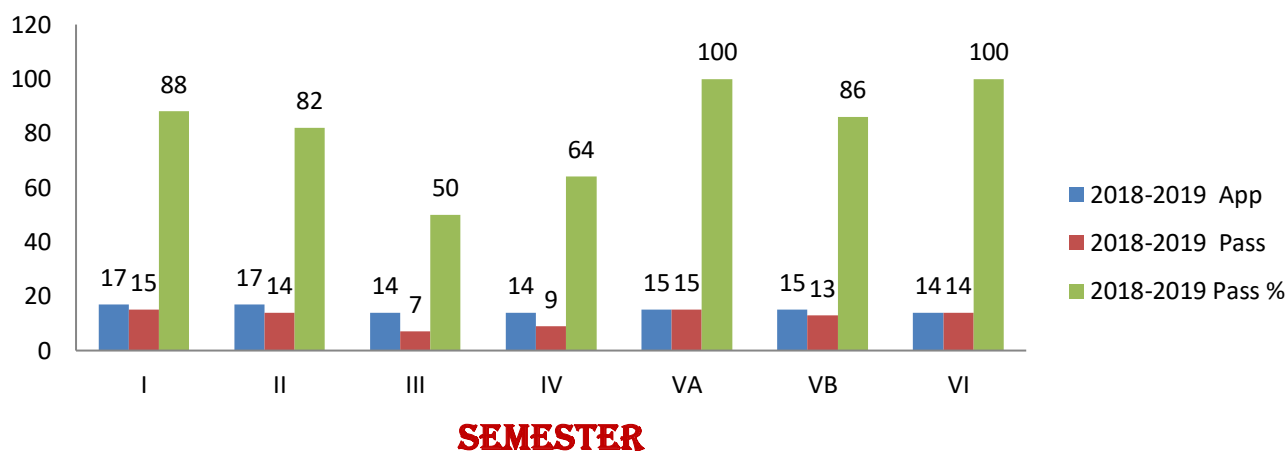
2017-2018 RESULT



2018-2019 SEMESTER WISE RESULTS

Academic year	S.NO	Name of the Lecturer	Semester	Title of the Paper	No.of Students Appeared	No.Of Students Passed	Pass percentage
2018-19	1	K. Hema nagamani	I	Computer Fundamentalsand PhotoShop	17	15	88
	2	R. Sailaja	II	Programming in C	17	14	82
	3	R. Sailaja	III	Object oriented programming using java	14	7	50
	4	K. Hema nagamani	IV	Data structures	14	9	64
	5	R. Sailaja	VA	Database Management System	15	15	100
	6	K. Hema nagamani	VB	Software Engineering	15	13	86
	7	R. Sailaja	VI	Web technologies	14	14	100

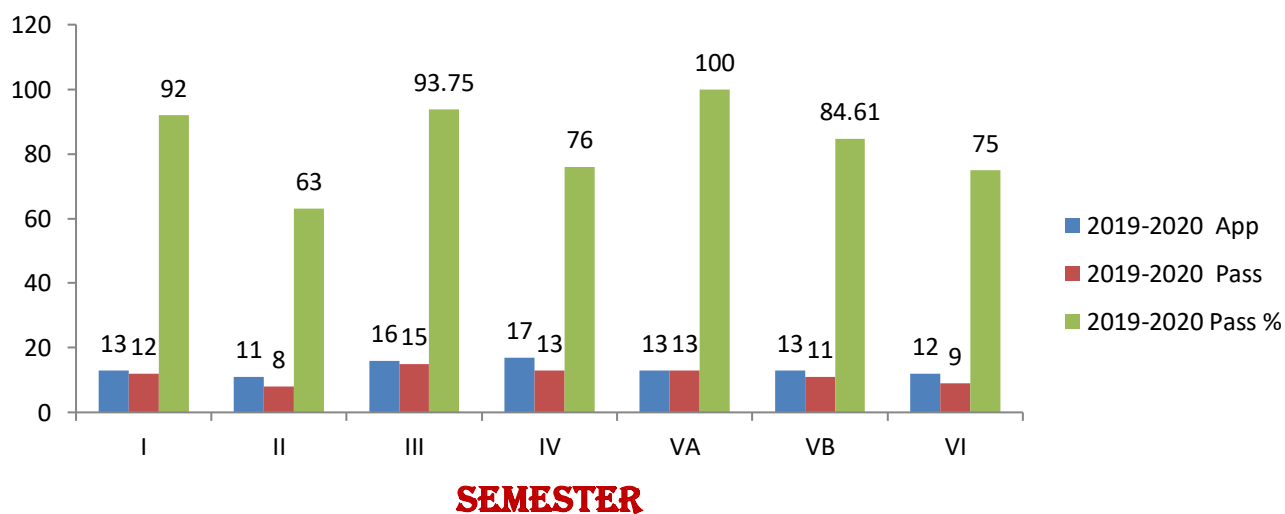
2018-2019 RESULT



2019-2020 SEMESTER WISE RESULTS

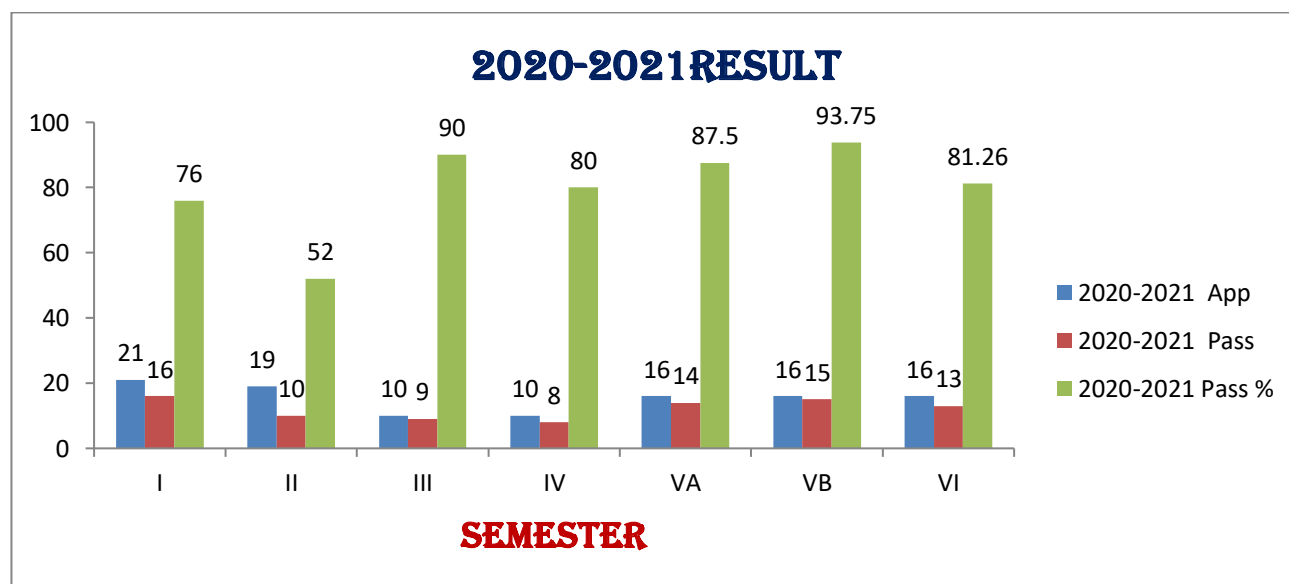
Academic year	S.NO	Name of the Lecturer	Semester	Title of the Paper	No.of Students Appeared	No.Of Students Passed	Pass percentage
2019-20	1	A. Bhargavi	I	Computer Fundamentals and PhotoShop	13	12	92
	2	R.Sailaja	II	Programming in C	11	8	63
	3	R. Sailaja	III	Object oriented programming using java	16	15	93.75
	4	R.Sailaja	IV	Data structures Using java	17	13	76
	5	R. Sailaja	VA	Database Management System	13	13	100
	6	A. Bhargavi	VB	Software Engineering	13	11	84.61
	7	R. Sailaja	VI	Web technologies	12	9	75

2019-2020 RESULT



2020-2021 SEMESTER WISE RESULTS

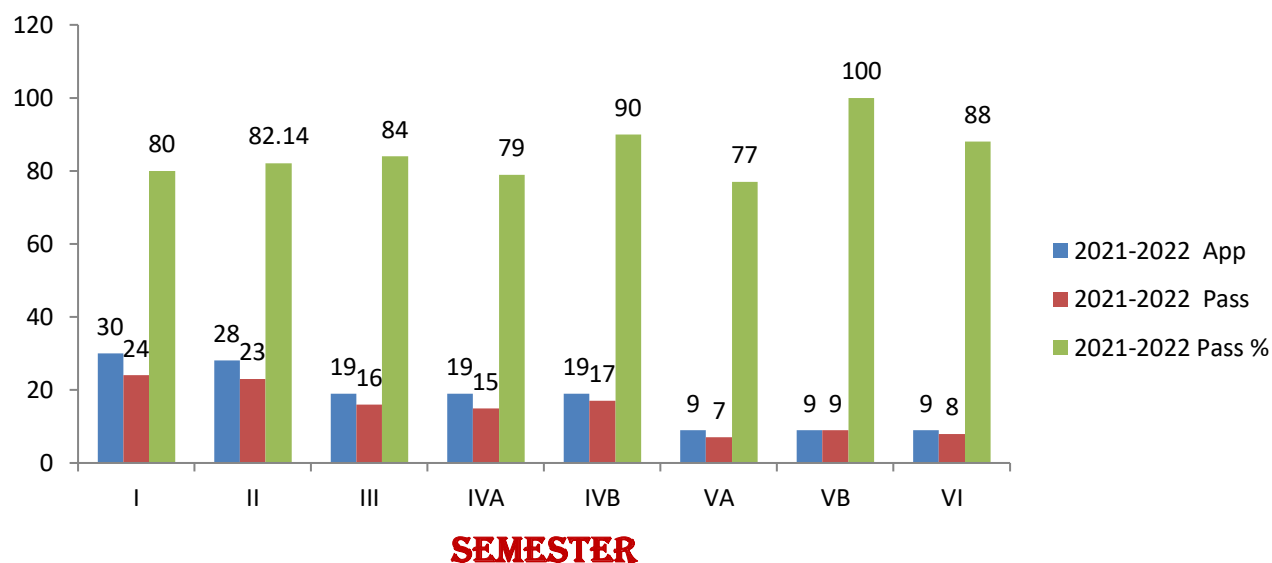
Academic year	S.NO	Name of the Lecturer	Semester	Title of the Paper	No.of Students Appeared	No.Of Students Passed	Pass percentage
2020-21	1	V.Mamatha	I	programming in C	21	16	76
	2	V.Mamatha	II	Data structures Using C	19	10	52
	3	R.Sailaja	III	Object Oriented programming	10	9	90
	4	R.Sailaja	IV	Data Structures Using Java	10	8	80
	5	R.Sailaja	VA	Database management system	16	14	87.5
	6	V.Mamatha	VB	Software engineering	16	15	93.75
	7	R.Sailaja&V.Mamatha	VI	web Technology	16	13	81.26



2021-2022 SEMESTER WISE RESULTS

Academic year	S.NO	Name of the Lecturer	Semester	Title of the Paper	No.of Students Appeared	No.Of Students Passed	Pass percentage
2021-22	1	V. Mamatha	I	programming in C	30	24	80
	2	R. Sailaja	II	Data structures Using C	28	23	82.14
	3	R. Sailaja	III	-DBMS	19	16	84%
	4	R. Sailaja	IVA	Object Oriented programming Using Java	19	15	79
	5	R. Sailaja	IVB	Operating System	19	17	90
	6	R. Sailaja	VA	DBMS	9	7	77
	7	V. Mamatha	VB	Software Engineering	9	9	100
	8.	R. Sailaja	VI	Web technology	9	8	88

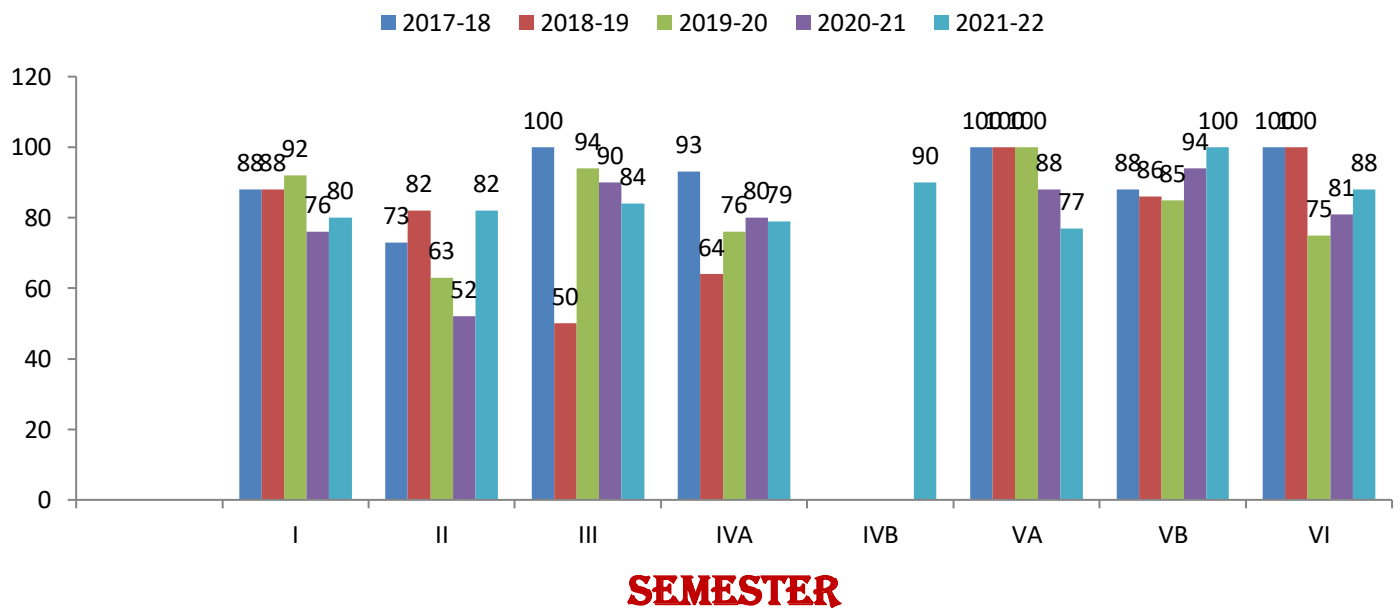
2021-2022 RESULT



2017-2018 RESULT ANALYSIS

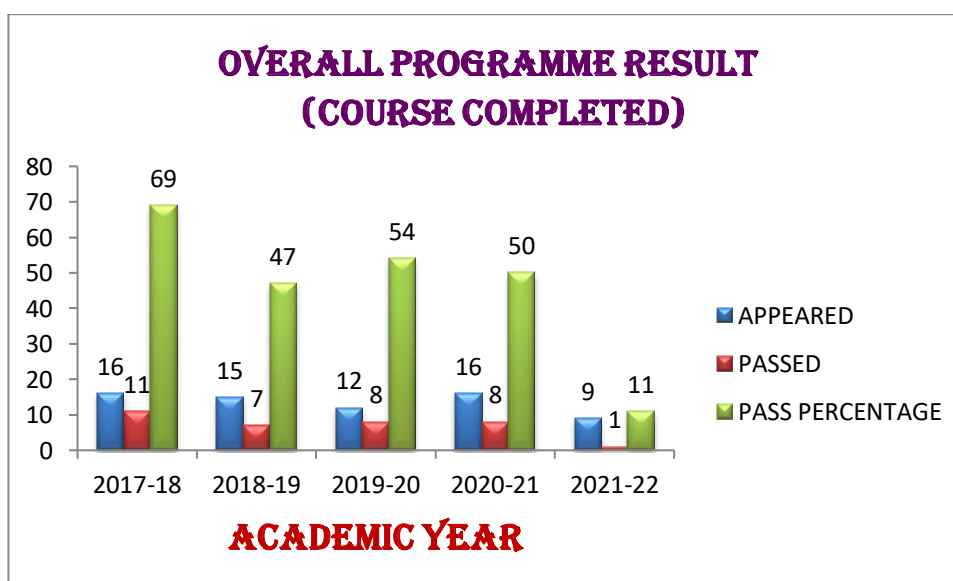
Academic year & Semester	2017-18	2018-19	2019-20	2020-21	2021-22
I	88	88	92	76	80
II	73	82	63	52	82
III	100	50	94	90	84
IVA	93	64	76	80	79
IVB					90
VA	100	100	100	88	77
VB	88	86	85	94	100
VI	100	100	75	81	88

2017-2022 RESULT ANALYSIS



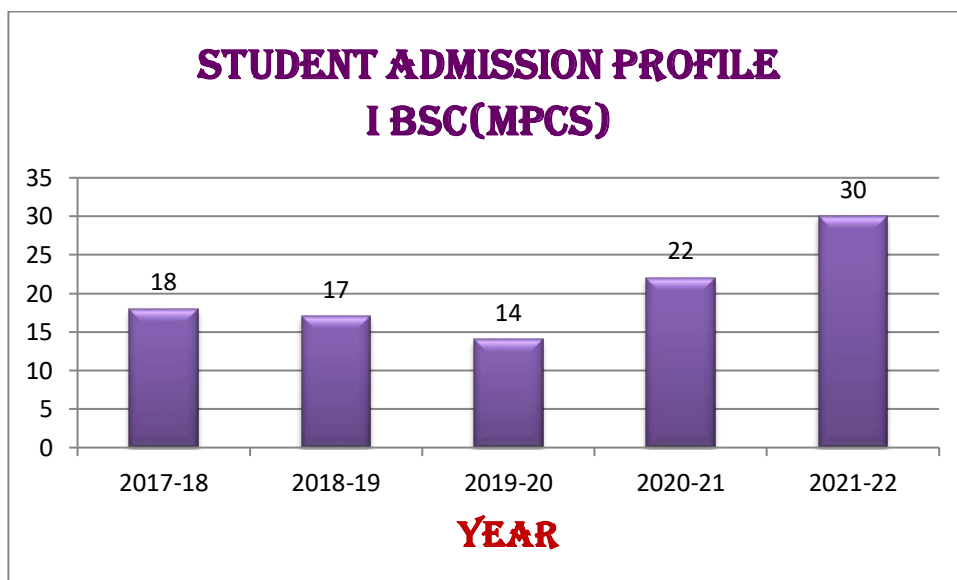
OVERALL PROGRAMME RESULT (COURSE COMPLETED)

ACADEMIC YEAR	APPEARED	PASSED	PASS PERCENTAGE
2017-18	16	11	69
2018-19	15	7	47
2019-20	12	8	54
2020-21	16	8	50
2021-22	9	1	11



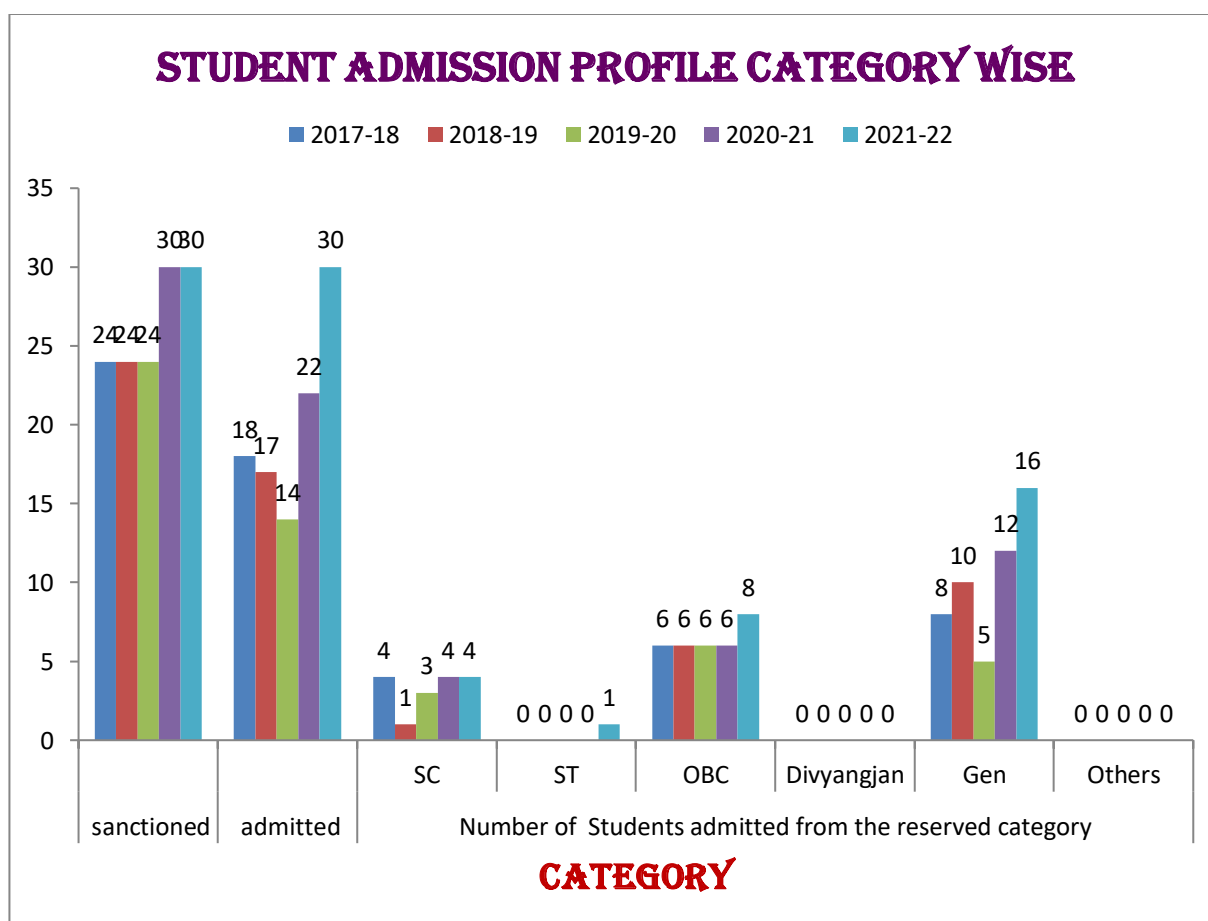
STUDENT ADMISSION PROFILE

Academic year	I BSC(MPCs)
2017-18	18
2018-19	17
2019-20	14
2020-21	22
2021-22	30



Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy):-

Academic year	Programme name	Number of seats sanctioned	Number of Students admitted	Number of Students admitted from the reserved category					
				SC	ST	OBC	Divyangjan	Gen	Others
2017-18	BSC-MPCS	24	18	4	0	6	0	8	0
2018-19	BSC-MPCS	24	17	1	0	6	0	10	0
2019-20	BSC-MPCS	24	14	3	0	6	0	5	0
2020-21	BSC-MPCS	30	22	4	0	6	0	12	0
2021-22	BSC-MPCS	30	30	4	1	8	0	16	0



STUDENT PROGRESSION TO HIGHER EDUCATION

Academic Year	Name of student	Program graduated from	Name of institution joined	Name of program admitted to
2018-19	B Sreelakshmi	MPCs	YN College	MCA
2018-19	P Anitha	MPCs	Joggaiah PG College	MCA
2018-19	G Renuka	MPCs	DNR PG College Bhimavaram	MSC, Maths
2018-19	B Tejaswi	MPCs	Joggaiah PG College	MCA

STUDENT PROGRESSION TO EMPLOYEMENT

Academic Year	Name of student placed	Program	Name of the employer
2021-22	K.NUVITHA VARALAKSHMI	BSC (MPCS)	FIH
2021-22	N.DURGA JADADEESWARI	BSC (MPCS)	FIH
2021-22	Sanamanda Therissa	BSC (MPCS)	Lead Pro
2021-22	Y Triveni	BSC (MPCS)	DH Solutions
2021-22	M Lakshmi Durga	BSC (MPCS)	DH Solutions
2021-22	V Akhila Naga sudha	BSC (MPCS)	WEGOs
2019-20	G.Leelavathi	BSC (MPCS)	RSMIPL
2019-20	V.Kotasattemma	BSC (MPCS)	RSMIPL
2019-20	S.Sai Priyanka	BSC (MPCS)	RSMIPL
2019-20	E.Priyanka	BSC (MPCS)	RSMIPL
2018-19	D.Ramya	BSC (MPCS)	Thinksinq Solutions
2018-19	P.Durga Bhavani	BSC (MPCS)	Edifyskills India Pvt Ltd
2018-19	Ch.Tejasri	BSC (MPCS)	Edifyskills India Pvt Ltd
2018-19	Ch.Tejasri	BSC (MPCS)	ZEAL(OFF CAMPUS)
2018-19	G.Chitra Bala	BSC (MPCS)	ZEAL(OFF CAMPUS)
2018-19	M.Anitha	BSC (MPCS)	ZEAL(OFF CAMPUS)
2018-19	M.Priyanka	BSC (MPCS)	ICICI Bank
2018-19	K.Kanaka Divya	BSC (MPCS)	ICICI Bank
2018-19	P.N.D.Prasanna	BSC (MPCS)	ICICI Bank

2018-19	P.Durga Bhavani	BSC (MPCS)	ICICI Bank
2018-19	M.Lavanya	BSC (MPCS)	ICICI Bank
2018-19	M.Anitha	BSC (MPCS)	ICICI Bank
2018-19	B.Tejaswi	BSC (MPCS)	ICICI Bank
2018-19	G.Chitrabala	BSC (MPCS)	ICICI Bank
2018-19	A.R.Bhadrakali	BSC (MPCS)	ICICI Bank

TEACHING-LEARNING AND EVALUATION

- ❖ Student seminars are organized regularly to develop presentation and communication skills in student community
- ❖ Guest lectures by eminent academicians are arranged to create in-depth understanding of the subject
- ❖ Remedial coaching is provided for slow learners and for failed candidates
- ❖ Group discussions and Panel Discussions are in practice in order to develop initiation and leadership qualities among students
- ❖ Teaching by students is encouraged to motivate them towards high levels of learning
- ❖ Advanced coaching for meritorious students to grab opportunities at various universities and prestigious institutions
- ❖ Career counseling to create awareness regarding various job opportunities at state and national level
- ❖ Bridge course is organized regularly to the students who studied vocational courses at +2 level to integrate them with regular students who are in main stream PPTs and You-Tube lessons are used as a part of ICT based learning
- ❖ Field trips are arranged to create real life experience

STUDENT SUPPORT ACTIVITIES

- ❖ Career guidance
- ❖ Remedial coaching
- ❖ Bridge courses
- ❖ Projects for advanced learners
- ❖ Guest lectures

SALIENT FEATURES OF THE DEPARTMENT

- ❖ Every student is given an opportunity to present a seminar oral/power point Student projects are made compulsory for final year students to stimulate the research attitude and scientific temper among the students
- ❖ Field trips are arranged to create real life experience and to get first hand information All the students are actively involved in organizing various meetings, functions, group discussions and quiz competitions
- ❖ The Department of Computers is always encouraging the students to take up co-curricular and extracurricular activities. Many students are actively participating in NSS, Sports and Games and in celebration of days of national and international importance.

SWOC ANALYSIS OF THE DEPARTMENT OF COMPUTER SCIENCE AND FUTURE PLANS

STRENGTH:

1. Department has young and active Faculty
2. Extends cooperation to the office in all its Computer based services
3. Both the Lecturers are hard working and capable of guiding Students for higher pursuits
4. Maintaining good results

WEAKNESS:

1. Students are poor in English as they studied in Telugu Medium upto Intermediate Level.
2. Absence of a regular and experienced lecturer is a major obstacle.

OPPORTUNITY:

Wide range of opportunities is available as every field is computerized. Some of them are:

1. MCA
2. M.Sc(Comp)
3. Jobs in Multi-National Companies
4. Govt Jobs and Other.

CHALLENGES:

Competition from private and corporate colleges.

- Molding academically backward students into qualified and skilled students.

FUTURE PLANS:

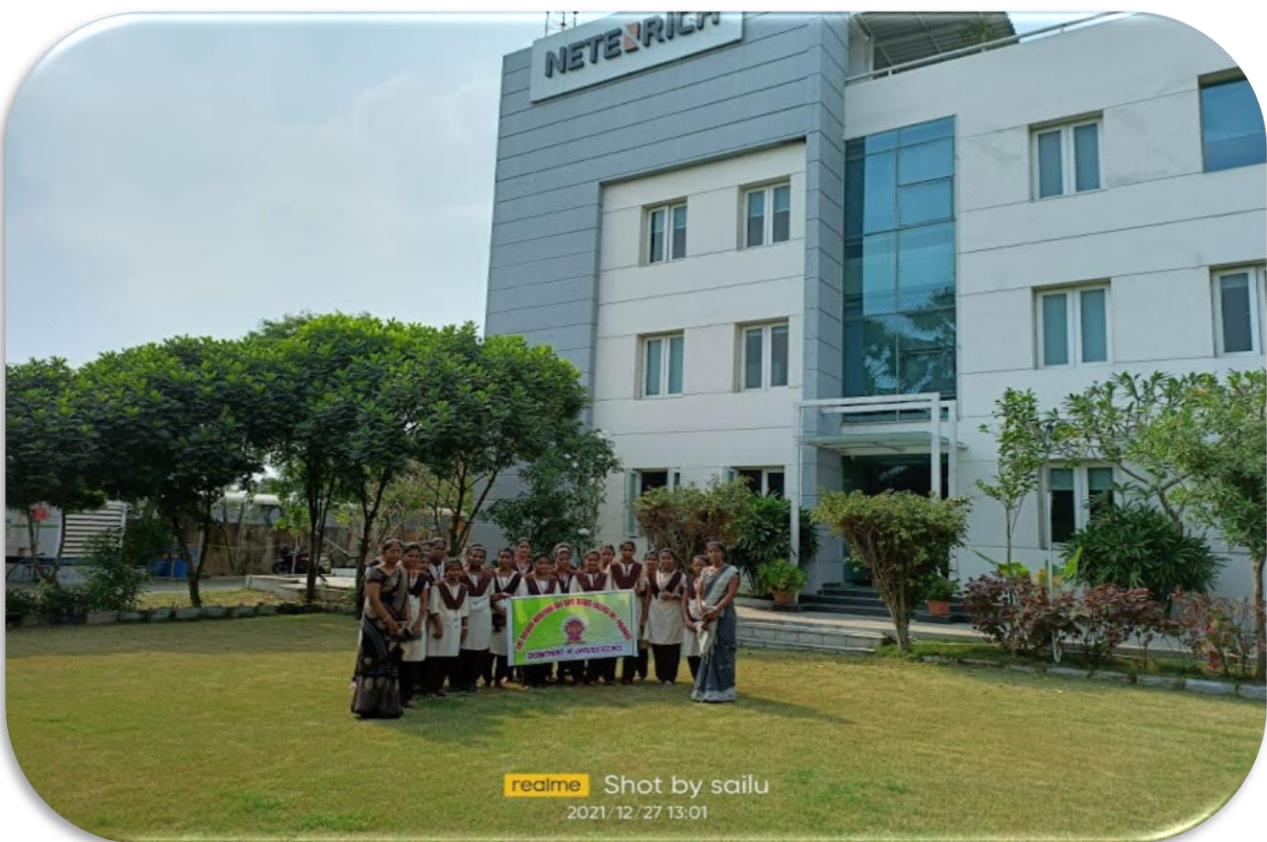
- To prepare students for various state and national level competitive exams.
- To involve more number of students in seminars and project works
- To prepare students for various state and national level competitive exams

FIELD VISIT

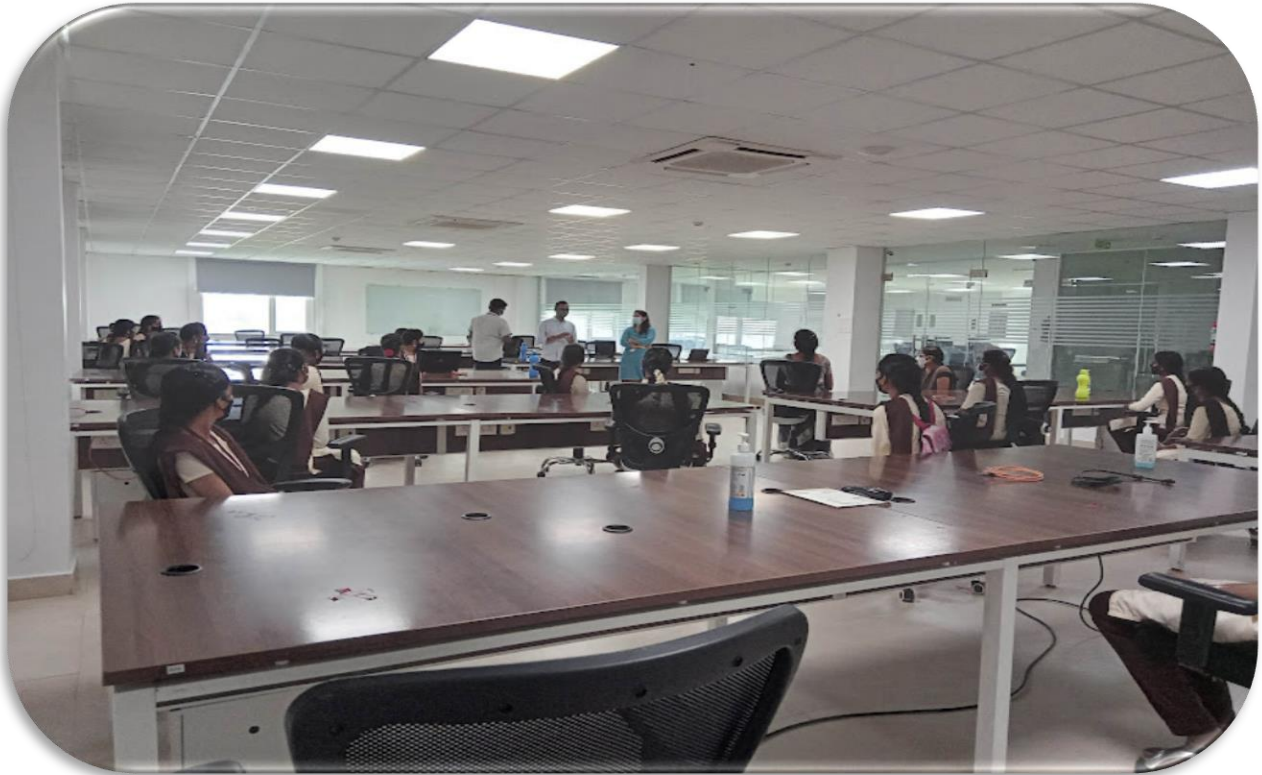
NETENRICH & OPS RAMP SOFTWARE COMPANIES, PENNADA

27-12-2021

Computer Science department have conducted a field trip to **NETENRICH AND OPS RAMP** software companies in **Pennada** near **Bhimavaram** on 28-12-2021 .computer science guest faculties R.Sailaja and V.Mamatha coordinated and taken to field trip. Total 20 students from III Bsc, IIBsc (Mpcs) were came and acquire knowledge about software companies their requirements , domain and what are the process going in working environment. And we coordinated with HR of the company for internship programs to our students.







WORLD COMPUTER LITERACY DAY

02-12-2021

"World Computer Literacy Day" 02-12-2021 was Celebrated on 02-12-2022 at seminar hall. Respectable principal madam Dr.p.Sobha Rani garu and some of the faculty members from various departments and all three years Students from BA, B.com, BSC were participated in this event And this event is completely hosted by students from II BSC (Mpcs) students, and an essay writing competition was conducted on topic "World Computer Literacy Day".





POSTER PRESENTATION

28-12-2021

OBJECTIVE:

The main objective of a poster presentation is to provide a visual representation of a particular topic through text, charts, graphs, images and other visual aids which gives the overall view of the content.

DESCRIPTION

Department of computer science has conducted on various trending technologies like Artificial Intelligence, cyber security, Bluetooth Connectivity etc., This activity was conducted on 28-12-2021 to enhance search and Learn knowledge among the students. In this activity many students from I, II, III year, Bcom, BSc were actively participated and Explained about their Poster Excellently.





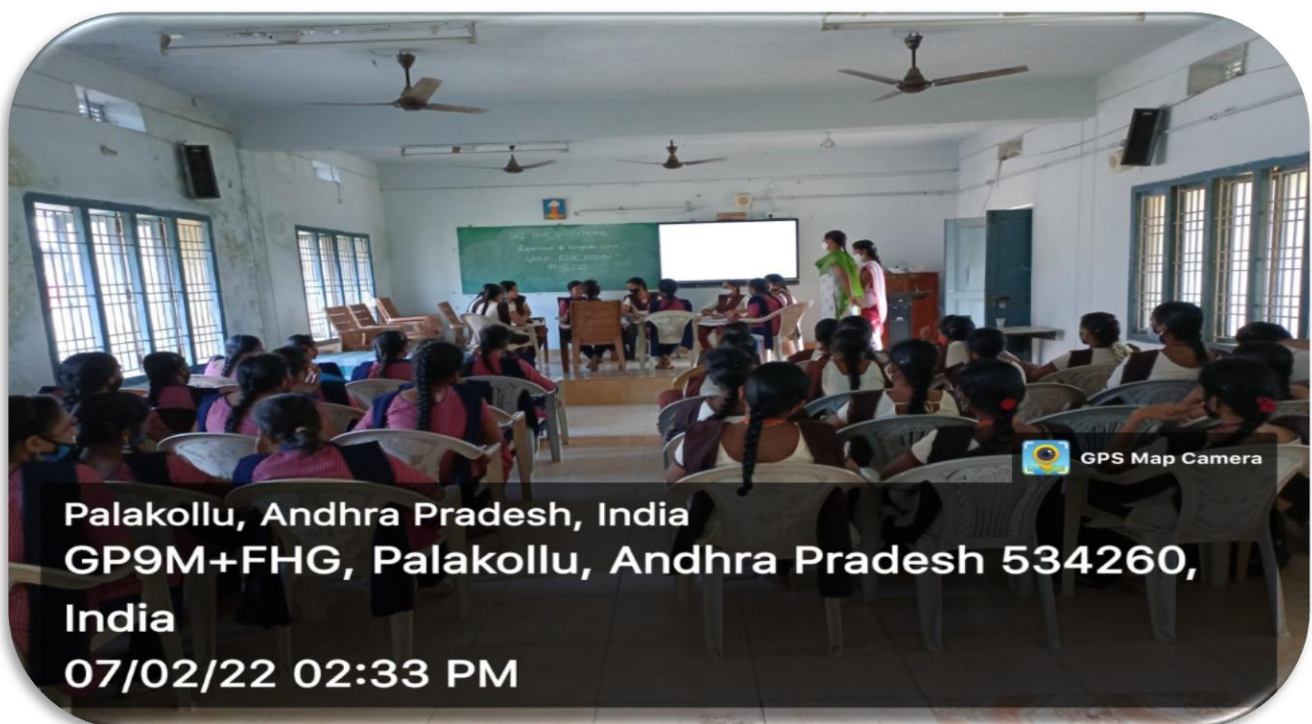
OUTCOME:

Through poster presentation students can develop their research compatibility and enhance their creativity in presenting their poster.

GROUP DISCUSSION

07-02-2022

OBJECTIVE: To help Each group member Explore and Evaluate the speaking power, thinking and listening abilities for a particular topic.



DESCRIPTION:

Group discussion on a topic plays a vital role in understanding the topic discussing a topic with friends helps in learning the topic with perfection. It involves sharing of learning by student which equally benefits all the students. Every student has a different approach to learn things. Each method has its pros and Cons.

OUTCOME:

Students from I, II, III BSC & B.COM. participated and shared their different views regarding the topic.

SCIENCE DAY

OBJECTIVE: To aware the Students about why we are Celebrating science day by making science projects by the Students by conducting ""National Science Day"





DESCRIPTION:- "National Science Day" was inaugurated on 26-02-2022, by Exhibiting the Science projects prepared by students. And chief guests delivered their words regarding to the Importance of the "Science Day "

OUTCOME: Students made projects creatively on all Science Subjects and Exhibited their projects. Students from various colleges and School came to visit the projects and gain the knowledge that how our students made the projects and how they are working.

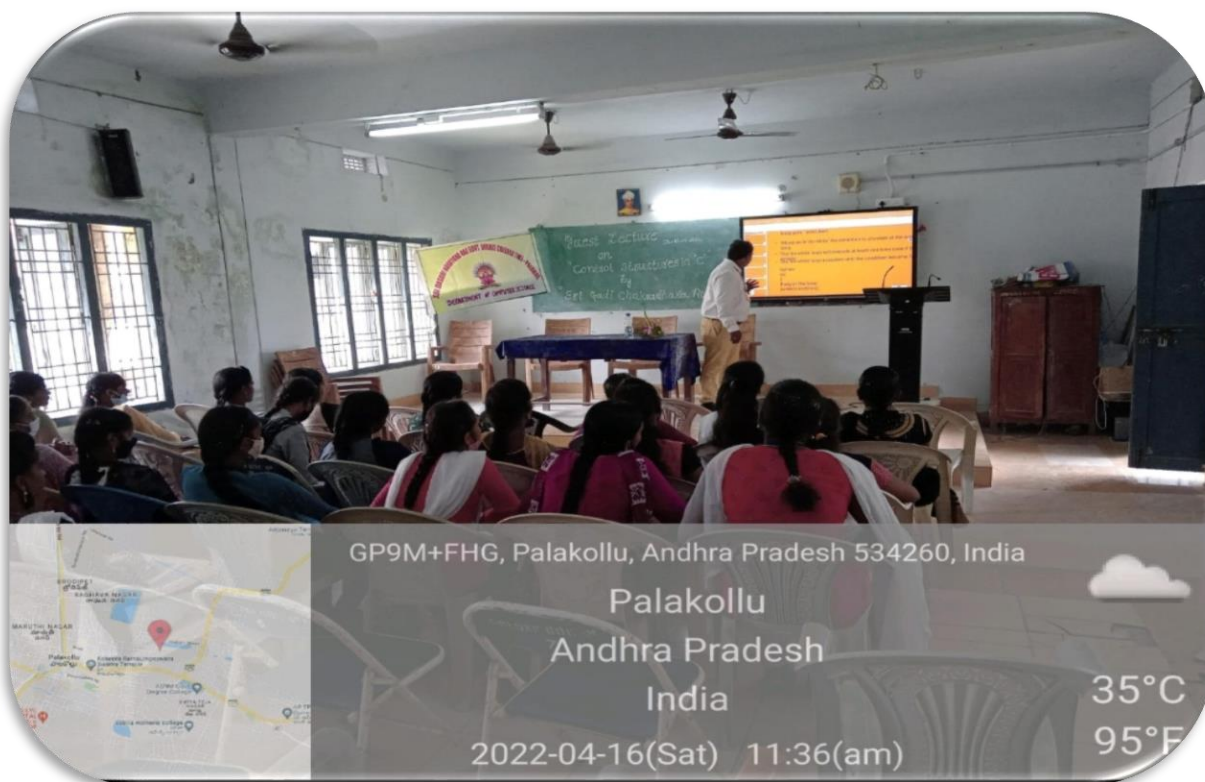
GUEST LECTURE

16-04-2022

OBJECTIVE:

A guest lecture gives students a better opportunity to learn about an explicit topic in a way that gets them involved in the class and actively join in a more convenient way of teaching.





GP9M+FHG, Palakollu, Andhra Pradesh 534260, India

Palakollu
Andhra Pradesh
India

2022-04-16(Sat) 11:36(am)

35°C
95°F

DESCRIPTION:

Guest Lecture is a concept that helps the students in gaining additional knowledge. It helps in enhancing the communication skills and many other skills of the students.

OUTCOME:

students love the concept of guest lectures as it is an interesting way of learning and interacting with new people at the same time. finally they learned a new topic beyond the syllabus.

QUIZ

OBJECTIVE:

The objective of conducting Quiz competition is to encourage students to look beyond their textual knowledge and establish a relationship between theory and application of the learnt concepts. and to encourage them to participate in competitive exams.

DESCRIPTION:



A quiz is a game which can also be called a mind sport wherein the players, either as individuals or in teams attempt to answer questions posed to them correctly, in order to win a prize. Quizzes

are designed to promote, a fun way to study and in the process help improve one's general knowledge

OUTCOME:

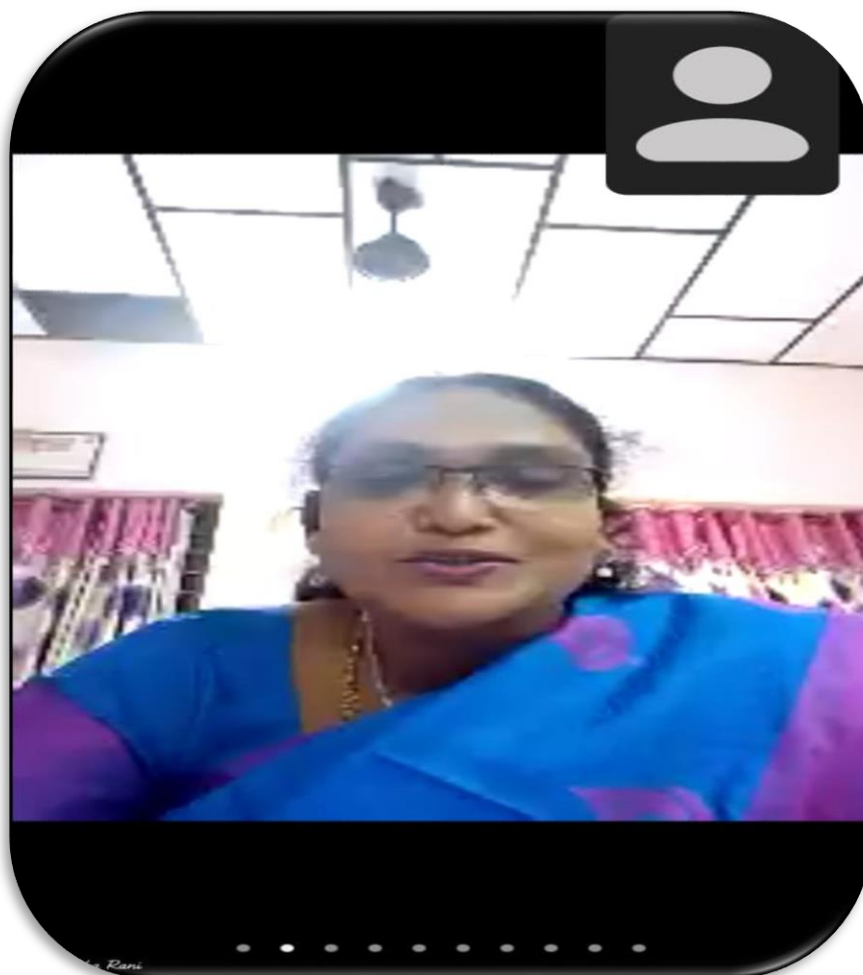
students prepared the subject in objective model. total number of students participated in the quiz and actively answered the questions and win the prizes.

INTERNATIONAL WEBINAR ON” MAT-LAB- AN OVER VIEW “

Date:20/10/2022

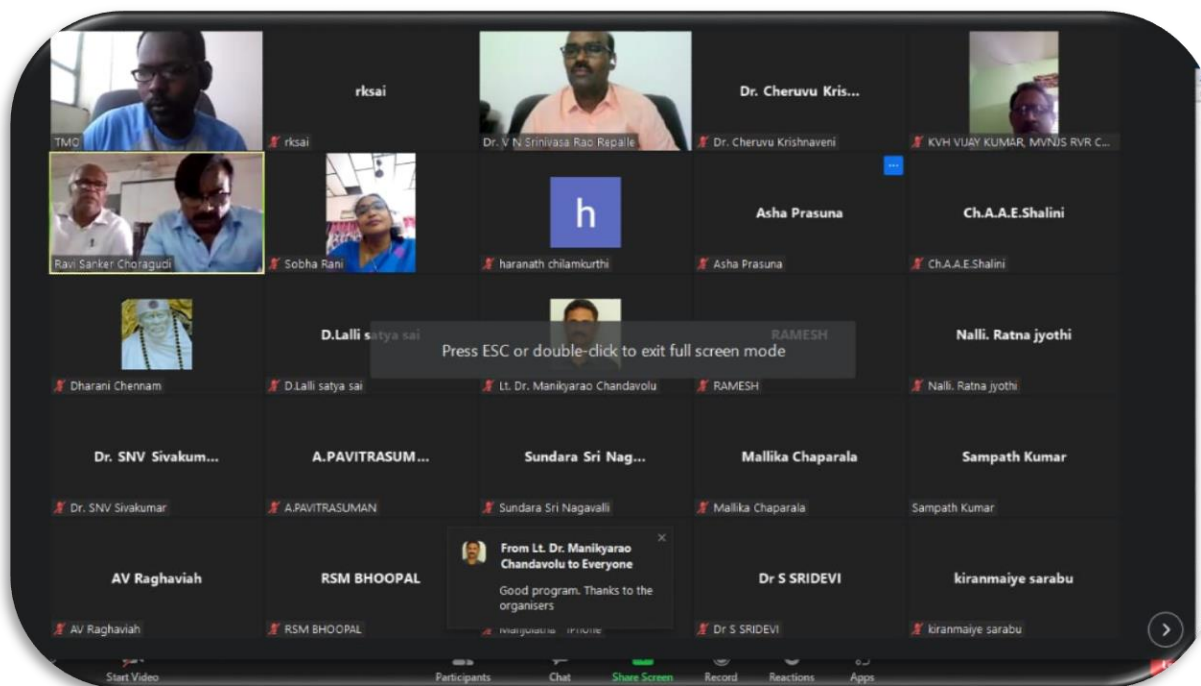
Description:

Department of Mathematics and Computer science jointly organized and International Webinar on” Mat-Lab- An Over View “ (Matrix laboratory) on 20/10/2022 from 11 AM to 1 PM. We had amazing response and got 708 people across the globe have registered for this webinar. We received registrations from African countries like Ethiopia and Kenya etc. and prestigious Indian institutions like IIT Bombay/Delhi/Madras, NIT Calicut(Kerala) and Indian Institute of Engineering Science and Technology, Shibpur (West Bengal) and from many top ranked engineering colleges from Andhra Pradesh and Tamil Nadu. Also we received forms from different universities and their affiliated GDCs, aided colleges, private unaided colleges in the state. Prof.R.V.N.Srinivas Rao, Department of Mathematics, Wollega University, Ethiopia acted as a resource person.



Objective:

To introduce how to use MAT LAB software for teaching & learning, conducting research. MAT LAB is high performance language for technical computing. It integrates computation, visualization and programming in an easy-to-use environment where problems and solutions are expressed in familiar Mathematical notation. Typical uses include Math and computation, Algorithm development and to enhance knowledge and skills.



Outcome:

The faculty and students are familiarized with appropriate use of powerful Mathematical software MAT LAB. It enhances the teaching, learning skills of participants and at the end of this webinar they are able to understand the basics of MATLAB.

Webinar Brochure:



Registered Participants List:https://docs.google.com/spreadsheets/d/1vvGwQozSHW_1R-eEp1vhLhdwJHiE_H8-0iXIYsF8844/edit#gid=67519686

Zoom Link:<https://somaiva-edu.zoom.us/j/93415320613?pwd=ZnBMRU9hcDRRNjVVK3BWTUZTeFhlZz09#success>

YouTube Link:<https://www.youtube.com/watch?v=WvoaLFwTmcU>

FeedbackResponseList:

https://docs.google.com/spreadsheets/d/1G1e8LvX0Kwi1LGHKtb4eu3kEpshZ_WqxUHpcUvJBFjo/edit#gid=1951596085

SEMINARS

