



TELANGANA TRIBAL WELFARE RESIDENTIAL
DEGREE COLLEGE(BOYS), MANUGURU
Bhadradi Kothagudem District, Telangana State- 507117
(Affiliated to Kakatiya University, Warangal, Telangana)
Website: <https://ttwrdds.ac.in/Manugu>



DEPARTMENT OF COMPUTER SCIENCE PROFILE



Telangana Tribal Welfare Residential Degree College (Boys) Manuguru

Bhadradi KothagudemDist

Telangana -507116

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1. BRIEF HISTORY OF COLLEGE:

Telangana Tribal Welfare Residential Degree College has been one among 22 Tribal Welfare Residential Degree colleges which have been established in the State of Telangana under the aegis of **TTWREIS**, Tribal Welfare, Gurukulam as part of the **KG to PG** free Education policy of the Government of Telangana during the academic year 2016/17. Tribal welfare was launched to cater the higher educational needs of the students of under privileged and unprivileged sections of the society and to enhance their confidence levels acquiring the highest level of academic excellence coupled with excellent communication skills and the other interpersonal skills to transform themselves into the best citizens of the Nation.

Institution Website: www.ttwrdds.ac.in>manuguru

Dr.Swapna Akoju

Principal (FAC)

Mobile: 7901097698

Department Profile:

The Department of Computer Science aims to impart high quality education to undergraduate students as well as to carry out cutting edge technology in various disciplines of Computer Science.

The programs which are offered by the department focus on preparing the students for wide range of IT careers equipping them with unique experience - moulding tomorrow's technocrats with high calibre.

The Department of Computer Science started functioning from 2017 in TTWR Degree College(Boys), Manuguru, BhadradiKothagudem(Dist) imparting Computer Knowledge for the Degree Students as per the guidelines of the Kakatiya University.

Our Core Values

- We provide students access to a high-quality, world-class education, which allows them to achieve their career goals and aspirations.
- We create the environment of life-long learning for the students by allowing them to involve in development activities.
- We commit ourselves to the service of Students. The product of our education is directly or indirectly benefitting the community.

- We strongly believe in our mission and confident about our professionalism.
- We encourage critical thinking, quantitative reasoning, effective communication, ethical, decision making and social responsibility in our students.

2. Vision & Mission

Vision

To be the front runner in Computer Science Education and to foster the students into globally competent professionals with expertise in software development and to equip students with technical knowledge in the field of Computer Science along with ethical values, identify hidden talents, provide opportunities for students to realize their full potential and thus shape them into future IT employees.

Mission

- To provide a strong theoretical and practical background across the computer science discipline with an emphasis on nurturing and entitlement of computing principles and foundations.
- Equip the department laboratories with the power of in-demand Technologies and Software for the On-Demand Industry.
- Impart the students with Ethical values and Critical thinking.
- Provide necessary opportunities to enable the students to be innovative.

3. SWOC analysis of the department and Future plans

Strengths:

- We the department of Computer Science is dedicated towards the work and ever available to students for their progress.
- Practical based learning is encouraged with the use of latest ICT class room methods for effective teaching and learning process.
- PG Coaching for the Computers students to pursue their higher education.
- We are also providing TASK classes for the students who are willing to gain employment after immediate completion of their degree.
- Providing computer lab for non-branch students to improve their technical knowledge.

Weaknesses:

- Our Students are from Rural backgrounds and till their Intermediate they don't have Computer's related Subject.
- In their initial stage it is very typical to push them into subject.

Opportunities:

A degree in computer science can lead to a career as a

- system programmer
- software developer
- web developer
- network administrator
- software tester etc.

The growing demand for the computer education becomes very common now a days because of automation everywhere else.

Challenges:

- Our students are from rural areas and not equipped with English language skills acts as a major challenge.
- Being a Residential institution, the big challenge is to convince parents to send their wards for the higher education

Future Plans:

The Future plans of the department are:

- To start PG courses to cater and fulfill the needs of higher education.
- To offer certificate course in each semester to enhance the various skills of the students.
- To Conduct campus placements with the help of Gurukulam, ITDA Bhadrachalam and TASK.

4. Teaching Faculty & their profiles (2024)

S. No	Name	Qualification	Specialization	Designation	Experience	Photo
1	B.Srinivas	M.Tech,(Ph.D) SET,UGC-NET	CSE	Degree Lecturer	18 Years	
2	D SUJITHA	MCA, M.Tech, B.Ed,	Computer Science & Engineering	Degree Lecturer	8 years	
3	S.Malathi	M.Tech, TS-SET	CSE	Degree Lecturer	3Year	
4	P RAMA KRISHNA	B.Com	Computer Applications	Lab Assistant	06 years	

2. Teaching Faculty & their profiles (2017-2023)

S. No	Name	Qualification	Specialization	Designation	Experience	Photo
	RAMBABU HETCHU	MCA, M.Tech, B.Ed, NET	Computer Science & Engineering	Degree Lecturer	12 years	
2	SD SRUTHI	M.Tech, B.Ed, SET	Computer Science	Degree Lecturer	12 years	
3	D SUJITHA	MCA, M.Tech, B.Ed,	Computer Science & Engineering	Degree Lecturer	08 years	
4	P RAMA KRISHNA	B.Com	Computer Applications	Lab Assistant	06 years	

Criteria I: CURRICULAR ASPECTS

We follow the syllabus framed by the Kakatiya University, Warangal. From the academic year 2016-17 Choice Based Credit System (CBCS) has been introduced in the curriculum by university. As per the almanac of the university, every semester has 15 weeks of instruction period and 60 to 90 instruction hours per semester including 30 hours of practical classes. A revised CBCS syllabus has been implemented from 2019-20 academic year and we follow the same.

At the beginning of even and odd semester, individual semester plans are prepared by the faculty members. Apart from the regular Curriculum, Department of Computer Science organizes Certificate courses on Basic Computer Skills for non-computer's students and we are able to provide computer lab sessions for them to enhance the typing skills as well as technical skills like MS-Office.

COURSES

Group	Year of Intake started	Medium	Intake
B.Sc (MPC)	2017-18	EM	40
B.Sc (BZC)		EM	40
B.Com (CA)		EM	40
B.A (HEP)		EM	40
B.Sc (MPCs)	2018-19	EM	40
B.Sc (BZC)		EM	40
B.Com (CA)		EM	40
B.A (HEP)		EM	40
B.Sc (MPCs)	2019-20	EM	40
B.Sc (MPC)		EM	40
B.Sc (BZC)		EM	40
B.Com (CA)		EM	40
B.A (HEP)		EM	40
B.A (EPP)		EM	40
B.Sc (MPC)	2020-21	EM	40
B.Sc (BZC)		EM	40
B.Com (CA)		EM	40

B.A (HEP)		EM	40
B.A (EPP)		EM	40
B.Sc (MPCs)	2021-22	EM	40
B.Sc (MPC)		EM	40
B.Sc (BZC)		EM	40
B.Com (CA)		EM	40
B Com (Gen)		EM	40
B.A (HEP)		EM	40
B.A (EPP)		EM	40
B.Sc (MPCs)	2022-23	EM	40
B.Sc (BZC)		EM	40
B.Com (CA)		EM	40
B.A (HEP)		EM	40
B.A (EPP)		EM	40
B.Sc (MPCs)	2023-24	EM	40
B.Sc (BZC)		EM	40
B.Com (CA)		EM	40
B.A (HEP)		EM	40
B.A (EPP)		EM	40

Curriculum 2019-20

PAPERS & CREDITS

S.No	Group	Title of the Paper	Theory Credits	Practical Credits	Total Credits
1	I MPCs-I Sem	Prpgramming in C	4	1	5
2	I B. Com (CA)- I Sem	Fundamentals of Information Technology	5	1	5
3	I BA I Sem	Fundamentals of Computers	2		2
4	B. Com- I Sem	Fundamentals of Computers	2		2

4	I MPCs-II Sem	Programming with CPP	4	1	5
5	I B. Com (CA)- II Sem	Programming with C & CPP	5	1	5
6	I B.Sc- II Sem	Fundamentals of Computers	2		2
7	II MPCs-III Sem	Data Structures using CPP	4	1	5
8	II B. Com (CA)- III Sem	Relational Database Management Systems	5		5
9	II MPCs-IV Sem	Database Management Systems	4	1	5
10	II B. Com (CA)- IV Sem	Web Technologies	5		5
11	II B.Sc.- IV Sem	Fundamentals of PHYTHON	2		2
12	III MPCs-VSem	Programming in JAVA	4	1	5
13	III MPCs-VISem	Web Technologies	4	1	5
14	III B. Com (CA)- VISE	Cyber Security	5		5

FACULTY WISE WORK LOAD: 2023-2024

S.No	Name of The Faculty	Theory (Hours)	Practical (Hours)	TOTAL
1	Sd Sruthi	16	9	25
2	D Sujitha	18	9	27
	Grand Total			54

COURSE OUTCOMES:

SEMESTER I

Group: MPCs

Subject: Programming with C

CO1: The focus of the subject is to develop C program.

CO2:Control the Sequence of the program and give logical outputs.

CO3:Implement strings in C program.

CO4:Store different data types in the same memory.

CO5: Manage I/O operations in c program, repeat the sequence of instructions and points for a memory location.

CO6: Understand the basic file handling mechanisms.

Group: B. Com (CA)

Subject: Fundamentals of Information Technology

CO1: The focus of the subject is on introducing skills relating to IT basics, computer applications, interactive medias, Internet basics etc.

CO2: Have a basic understanding of personal computers and their operations.

CO3: Understand basic concepts and terminology of Binary Number System and its Conversions.

CO4:Basic understanding of Secondary Storage Devices.

CO5: Have a basic knowledge about software and its types, operating system and its types.

CO6: Understanding the basic concepts of Computer Networks.

SEMESTER II

Group: MPCs

Subject: Programming with CPP

CO1:Describe Oops Concepts.

CO2:Use functions and **pointers** in CPP program.

CO3:Understand tokens, Expressions and control structures.

CO4:Explain arrays and strings and create programs using them.

CO5: Describe the use of constructors and destructors.

CO6: Demonstrate how to control errors with exception handling.

CO1: The focus of the subject is to develop C program.

CO2:Control the Sequence of the program and give logical outputs.

CO3:Implement functions, strings and Math handling functions in C program.

CO4:Discuss about Structures, unions and pointers.

CO5: Describe basic concepts of Oops Concepts.

SEMESTER III

CO1: Choose appropriate data structures to represent data items in real world problems.

CO2: Analyze the time and space complexities of algorithms

CO3: Design programs using a variety of data structures such as stacks, queues, hash tables, binary trees, search trees, heaps, graphs, and B-trees.

CO4: Analyze and implement various kinds of searching and sorting techniques.

CO5: Write the C++ code for a given algorithm.

CO6: Implement Programs with pointers and arrays, perform pointer arithmetic, and use the pre-processor.

CO1: Understand database concepts and structures and query language.

CO2: Understand the E R model and relational model.

CO3: To design and build a simple database system and demonstrate competence with the fundamental tasks

CO4: involved with modelling, designing, and implementing a DBMS.

CO5: Understand Functional Dependency and Decomposition.

CO6: Apply various Normalization techniques.

CO7: Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers

CO8: Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control.

CO9: Understand query processing and techniques involved in query optimization.

CO10: Understand the principles of storage structure and recovery management

SEMESTER IV

Group: MPCs

Subject: Database Management Systems

- CO1:** Understand database concepts and structures and query language.
- CO2:** Understand the E R model and relational model.
- CO3:** To design and build a simple database system and demonstrate competence with the fundamental tasks
- CO4:** involved with modelling, designing, and implementing a DBMS.
- CO5:** Understand Functional Dependency and Decomposition.
- CO6:** Apply various Normalization techniques.
- CO7:** Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers
- CO8:** Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control.
- CO9:** Understand query processing and techniques involved in query optimization.
- CO10:** Understand the principles of storage structure and recovery management

Group: B. Com (CA)

Subject: Web Technologies

- CO1:** Explain the history of the internet and related internet concepts that are vital in understanding web development.
- CO2:** Discuss the insights of internet programming and implement complete application over the web.
- CO3:** Demonstrate the important HTML tags for designing static pages and separate design using cascading style sheets.
- CO4:** Utilize the concept of JavaScript.
- CO5:** Use web application software tools like Ajax, PHP, XML etc. and identify the environments currently available in the market to design websites.

SEMESTER V

Group: MPCs

Subject: Programming in JAVA

CO1: Read and understand Java-based software code of medium-to-high complexity.

CO2: Use standard and third-party Java's API's when writing applications.

CO3: Understand the basic principles of creating Java applications with graphical user interface (GUI).

CO4: Understand the fundamental concepts of computer science: structure of the computational process, algorithms and complexity of computation.

CO5: Understand the basic approaches to the design of software applications.

CO6: Apply the above to design, implement, appropriately document and test a Java application of medium complexity, consisting of multiple classes.

SEMESTER VI

Group: MPCs

Subject: Web Technologies

CO1: Explain the history of the internet and related internet concepts that are vital in understanding web development.

CO2: Discuss the insights of internet programming and implement complete application over the web.

CO3: Demonstrate the important HTML tags for designing static pages and separate design using cascading style sheets.

CO4: Utilize the concept of JavaScript.

CO5: Use web application software tools like Ajax, PHP, XML etc. and identify the environments currently available in the market to design websites.

Group: B. Com (CA)

Subject: Cyber Security

CO1: Explain about Cyber Attacks, Cyber Forensics and related concepts that are vital in understanding Cyber Security.

CO2: Discuss the insights of Cyber Attacks and Cyber Security Policies.

CO3: Demonstrate the important of Securing Websites.

CO4: Discuss briefly about Intrusion Detection and Prevention techniques.

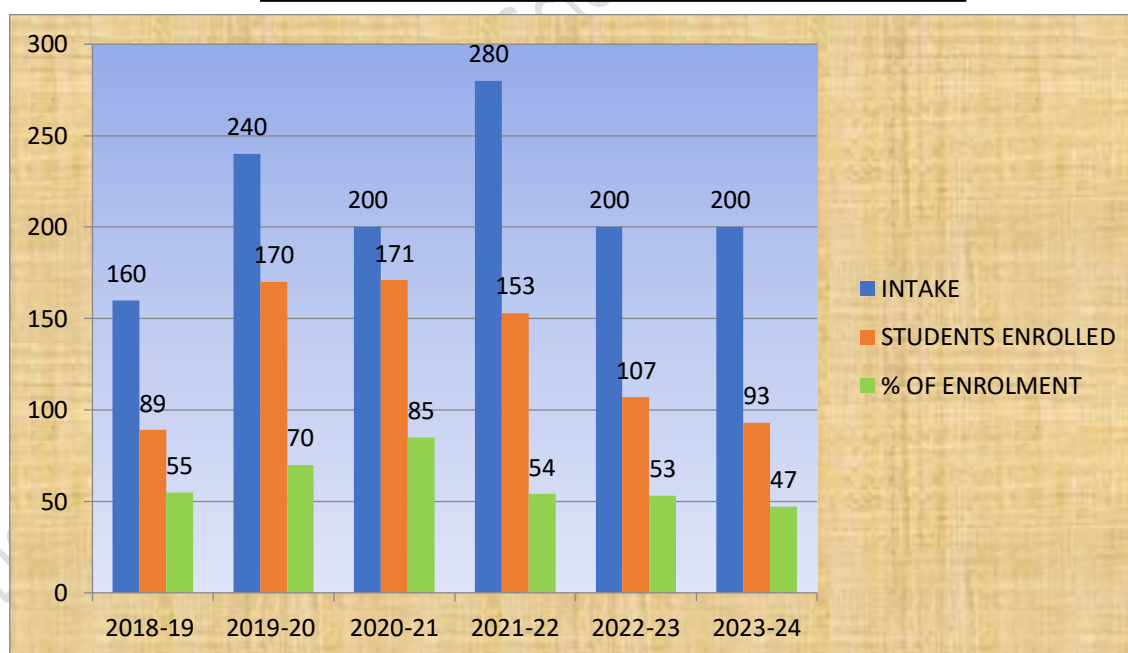
CO5: Demonstrating symmetric and asymmetric cryptography and network security.

CO5: Understand Cyber Laws and Cyber Forensics.

STUDENT ENROLLMENT AND PROFILE:

ACADEMIC YEAR	INTAKE	STUDENTS ENROLLED	% OF ENROLMENT
2018-19	160	89	55
2019-20	240	170	70
2020-21	200	171	85
2021-22	280	153	54
2022-23	200	107	53
2023-24	200	93	47

STUDENT ENROLLMENT 2018-2024

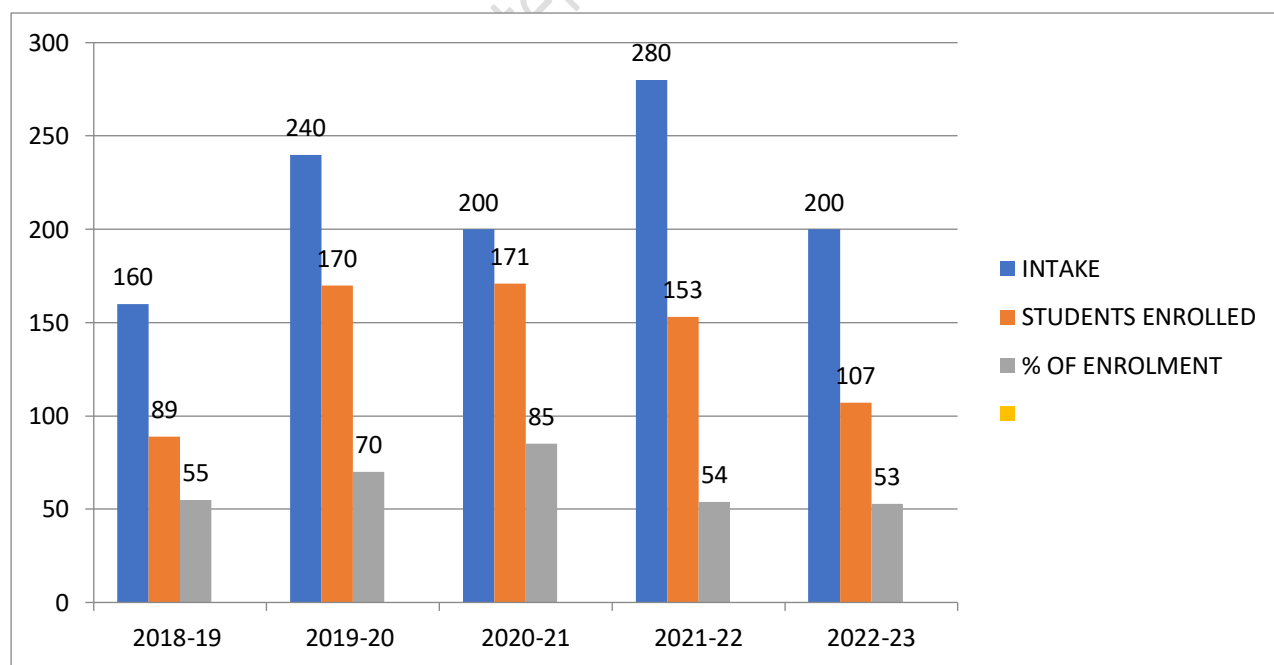


Bar graph of Student Enrolment from 2018-2023

Student Diversity:

YEAR	SC	ST	BC	OC	PHC	Total
2018-19	13	64	12	0	0	89
2019-20	28	121	20	1	0	170
2020-21	10	139	22	0	0	171
2021-22	21	108	24	0	0	153
2022-23	7	88	12	0	0	107
2023-24	7	74	12	0	0	93

Bar Graph of Student diversity from 2018-2023



Admission Campaigning



CRITERION-II: TEACHING LEARNING & EVALUATION PROCESS

STUDENT SEMINARS:



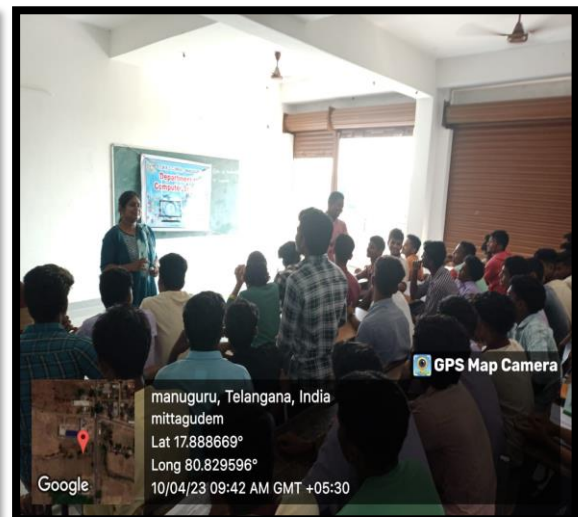
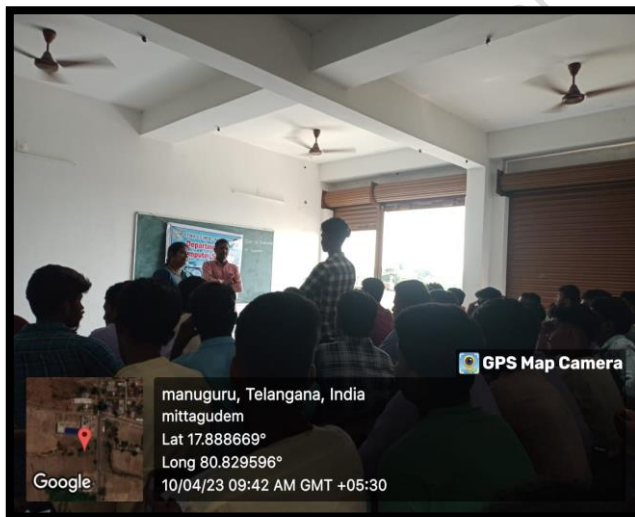
Group Discussions:



TOPIC :Cyber Attacks

Group Discussion plays a vital role in the corporate offices. Group discussions promote a deeper understanding of a topic and increase long-term retention. Group discussions can also help increase participants' attention and help maintain their focus by involving them in the learning process. They may also provide feedback to instructors on participant comprehension.

Quiz:



It is a known fact that the inner talent of the students is brought out through innovative activities. Quiz competition is one such program. The Department of Computer Science has taken up this activity to develop technical skills among the students. The Quiz Competition is conducted among the student's groups.

Programming Skills test:



Programming skills tests are crucial for finding multidisciplinary talented candidates. It is only possible to create a seamless process with extra insights and time saved by utilizing artificial intelligence, hiring platforms, and skills-based hiring tools.

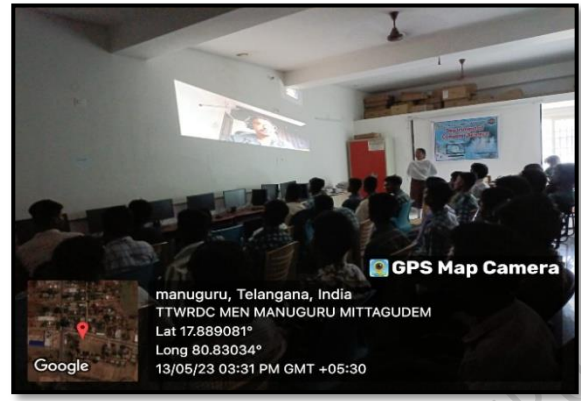
ICT enabled Teaching:





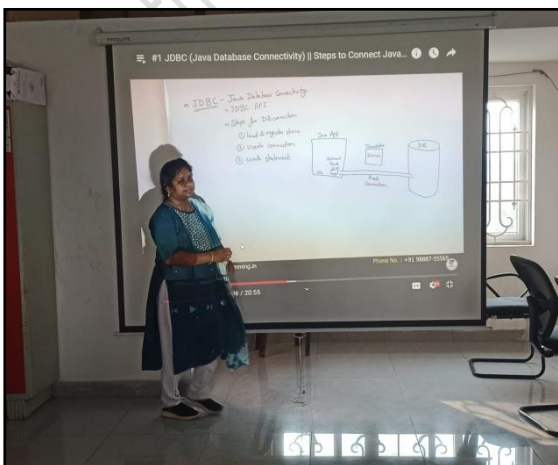
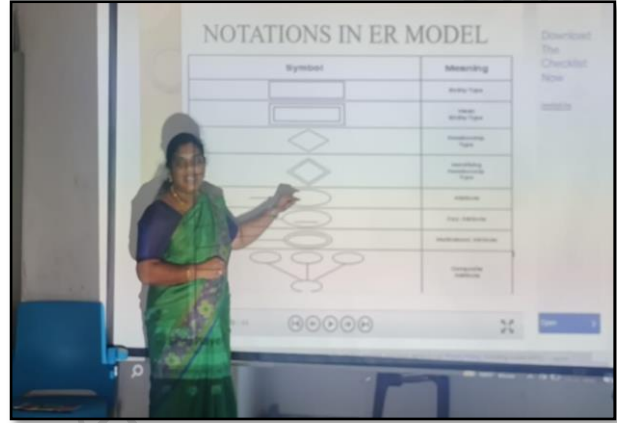
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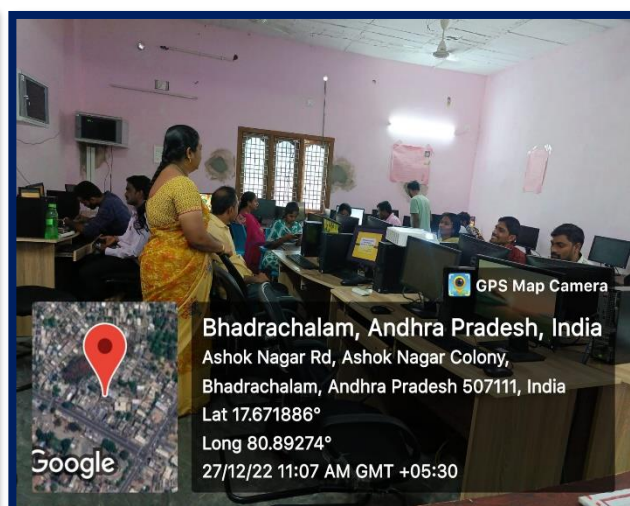
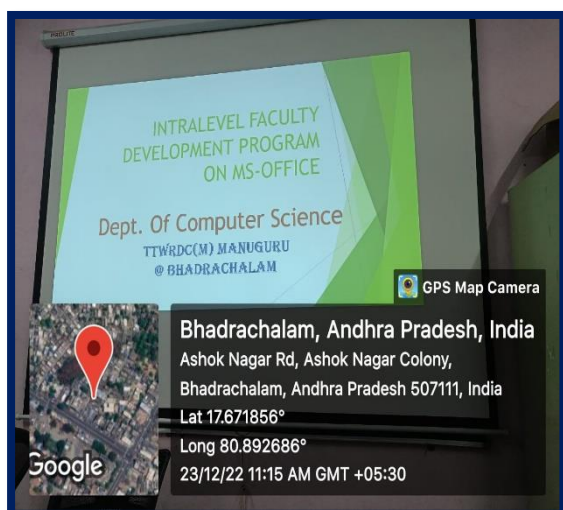


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Faculty Development Programs:



We the department of computer science organized An Intra-Level Faculty Development Program on MS-OFFICE for all our staff to improve their technical skills on howto prepare their documents, result analysis, PPT's etc.

TEACHER PROFILE AND QUALITY

Name of the Full-time teacher	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)
ACCADEMIC YEAR 2023-24			
SD SRUTHI	Degree Lecturer	17.08.2019	Guest Faculty
D SUJITHA	Degree Lecturer	1.12.2022	Guest Faculty
ACCADEMIC YEAR 2022-23			
SD SRUTHI	Degree Lecturer	17.08.2019	Guest Faculty
D SUJITHA	Degree Lecturer	1.12.2022	Guest Faculty
ACCADEMIC YEAR 2021-22			
RAMBABU HETCHU	Degree Lecturer	06.09.2017	Guest Faculty
SD SRUTHI	Degree Lecturer	17.08.2019	Guest Faculty

ACCADEMIC YEAR 2020-21			
RAMBABU HETCHU	Degree Lecturer	06.09.2017	Guest Faculty
SD SRUTHI	Degree Lecturer	17.08.2019	Guest Faculty
ACCADEMIC YEAR 2019-20			
RAMBABU HETCHU	Degree Lecturer	06.09.2017	Guest Faculty
SD SRUTHI	Degree Lecturer	17.08.2019	Guest Faculty
ACCADEMIC YEAR 2018-19			
RAMBABU HETCHU	Degree Lecturer	06.09.2017	Guest Faculty
SD SRUTHI	Degree Lecturer	17.08.2019	Guest Faculty
ACCADEMIC YEAR 2017-18			
RAMBABU HETCHU	Degree Lecturer	06.09.2017	Guest Faculty

EVALUATION PROCESS AND REFORMS

1. Academic and Examination Committee (AEC) prepares the timetables of internal examination and informs University examination schedule to the students.
2. Two internal examinations per semester are conducted in the college and the answer scripts of the internal examination are evaluated by the faculty of the college within one week after completion of the examination.
3. After evaluation of internal assessment tests, the answer scripts are distributed among the students for their self-assessment and to maintain transparency in evaluation.
4. After self-assessment, students can place the objections/ grievances regarding score awarded to them before the faculty concerned.
5. Faculty should resolve the objections/ grievances raised within three days.
6. Unsolved grievances at the teacher level, if any, can be submitted to the in-charge of the department and the same should be resolved within one day.

STUDENT PERFORMANCE AND LEARNING OUTCOMES

RESULT ANALYSIS

TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE (BOYS) MANUGURU

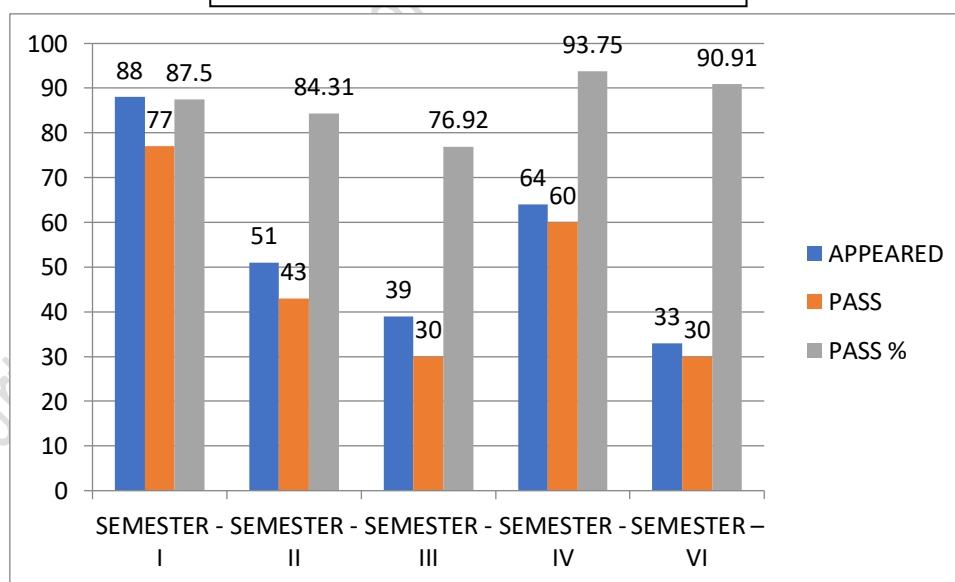
DEPARTMENT OF COMPUTER SCIENCE

ACADEMIC YEAR 2022 - 2023

RESULT ANALYSIS

SEM	ON ROLL	APPEARED	ABSENT	PASS	FAILED	PASS %
SEMESTER - I	92	88	4	77	11	87.50
SEMESTER - II	53	51	2	43	8	84.31
SEMESTER - III	39	39	0	30	9	76.92
SEMESTER - IV	65	64	1	60	4	93.75
SEMESTER - VI	33	33	0	30	3	90.91

RESULT ANALYSIS 2023-24



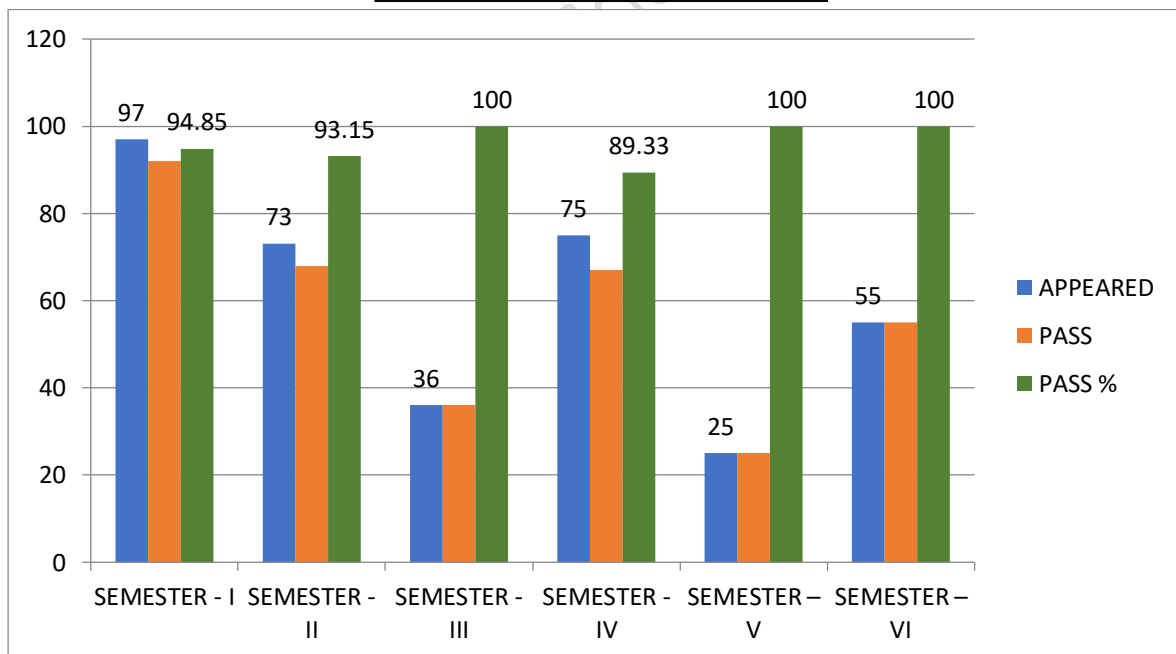
TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE (BOYS) MANUGURU

DEPARTMENT OF COMPUTER SCIENCE

ACADEMIC YEAR 2021- 2022
RESULT ANALYSIS

SEM	ON ROLL	APPEARED	ABSENT	PASS	FAILED	PASS %
SEMESTER - I	104	97	7	92	5	94.85
SEMESTER - II	80	73	7	68	5	93.15
SEMESTER - III	36	36	0	36	0	100.00
SEMESTER - IV	75	75	0	67	8	89.33
SEMESTER - V	25	25	0	25	0	100.00
SEMESTER - VI	55	55	0	55	0	100.00

RESULT ANALYSIS 2021-22



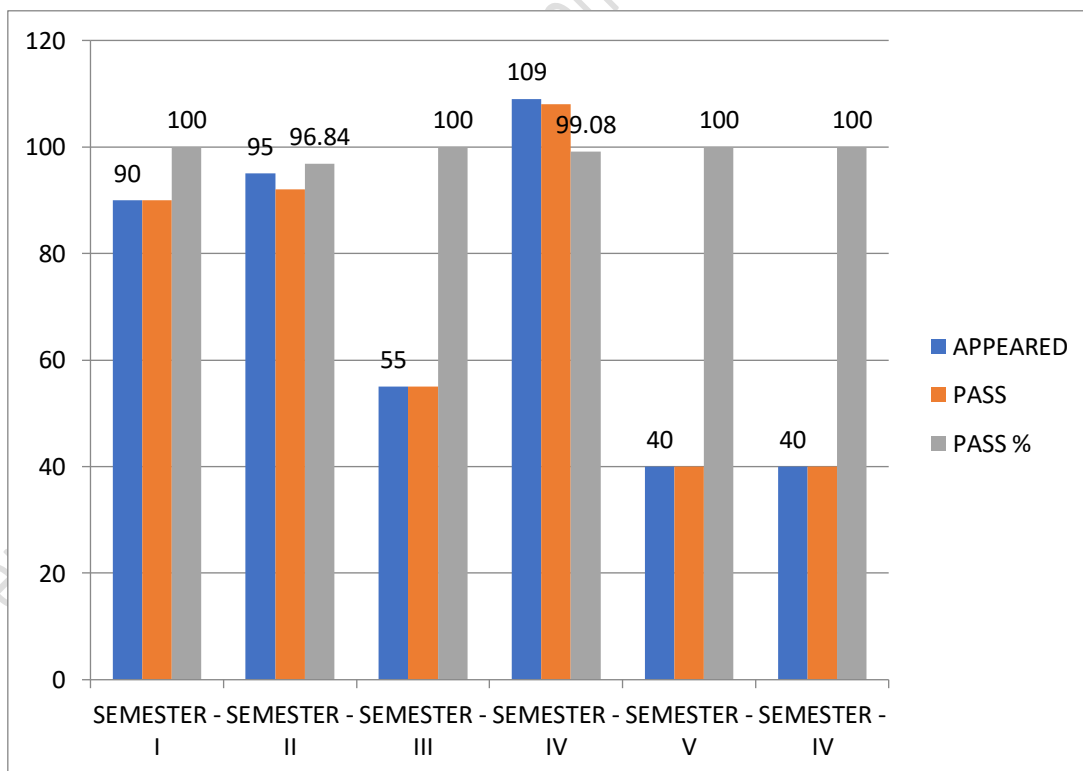
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DEPARTMENT OF COMPUTER SCIENCE

ACADEMIC YEAR 2020- 2021
RESULT ANALYSIS

SEM	ON ROLL	APPEARED	ABSENT	PASS	FAILED	PASS %
SEMESTER - I	91	90	1	90	0	100.00
SEMESTER - II	96	95	1	92	3	96.84
SEMESTER - III	58	55	3	55	0	100.00
SEMESTER - IV	111	109	2	108	1	99.08
SEMESTER - V	40	40	0	40	0	100.00
SEMESTER - IV	40	40	0	40	0	100.00

RESULT ANALYSIS 2020-2021



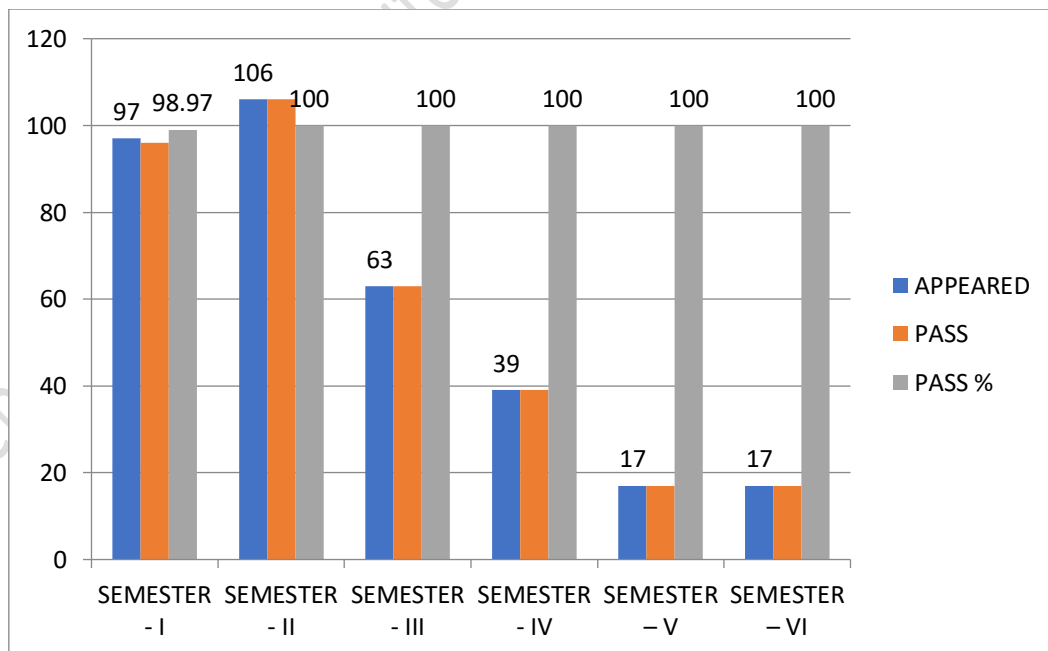
TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE (BOYS) MANUGURU

DEPARTMENT OF COMPUTER SCIENCE

**ACADEMIC YEAR 2019- 2020
RESULT ANALYSIS**

SEM	ON ROLL	APPEARED	ABSENT	PASS	FAILED	PASS %
SEMESTER - I	101	97	4	96	1	98.97
SEMESTER - II	114	106	8	106	0	100.00
SEMESTER - III	64	63	1	63	0	100.00
SEMESTER - IV	41	39	2	39	0	100.00
SEMESTER - V	18	17	1	17	0	100.00
SEMESTER - VI	17	17	0	17	0	100.00

RESULT ANALYSIS 2019-2020



TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE (BOYS) MANUGURU

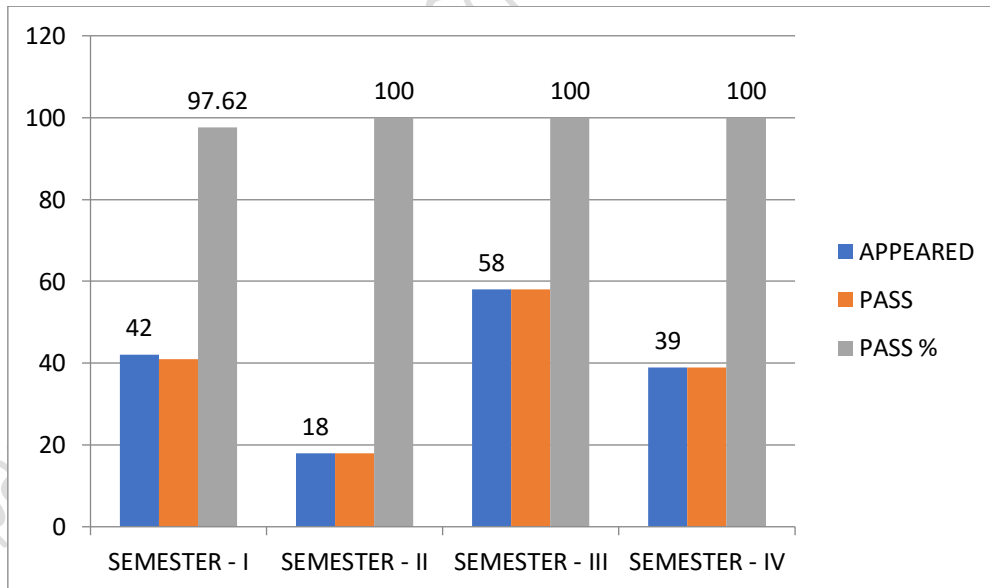
DEPARTMENT OF COMPUTER SCIENCE

ACADEMIC YEAR 2018- 2019

RESULT ANALYSIS

SEM	ON ROLL	APPEARED	ABSENT	PASS	FAILED	PASS %
SEMESTER - I	42	42	0	41	1	97.62
SEMESTER - II	18	18	0	18	0	100.00
SEMESTER - III	59	58	1	58	0	100.00
SEMESTER - IV	39	39	0	39	0	100.00

RESULT ANALYSIS 2018-2019



TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE (BOYS) MANUGURU

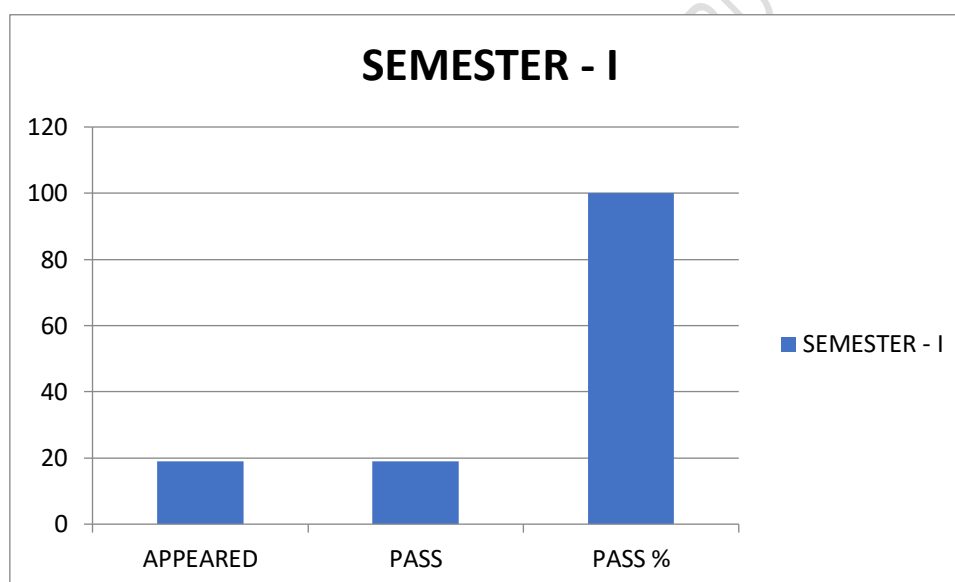
DEPARTMENT OF COMPUTER SCIENCE

ACADEMIC YEAR 2017- 2018

RESULT ANALYSIS

SEM	ON ROLL	APPEARED	ABSENT	PASS	FAILED	PASS %
SEMESTER - I	24	19	5	19	0	100.00

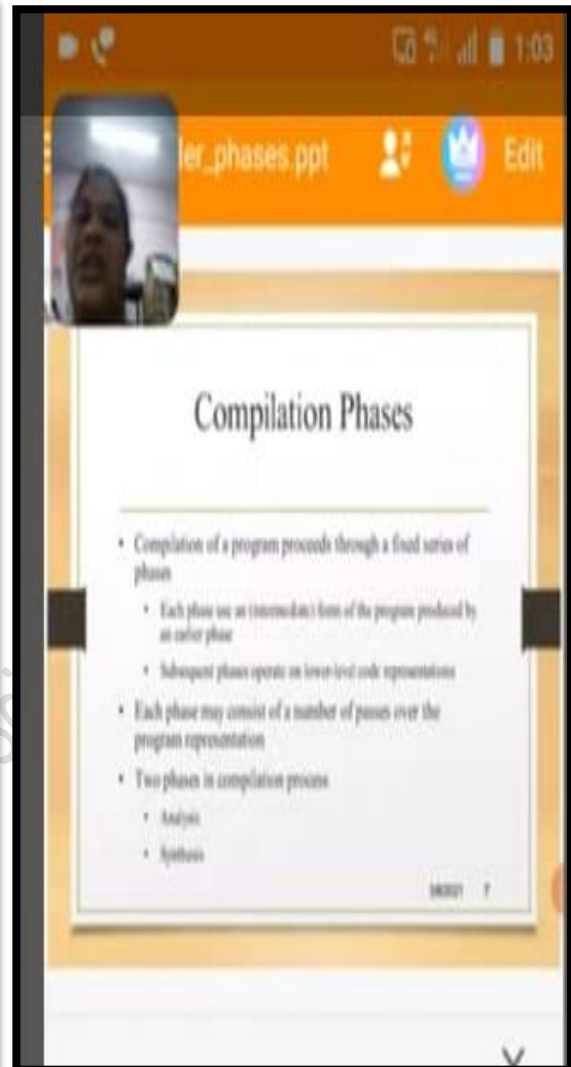
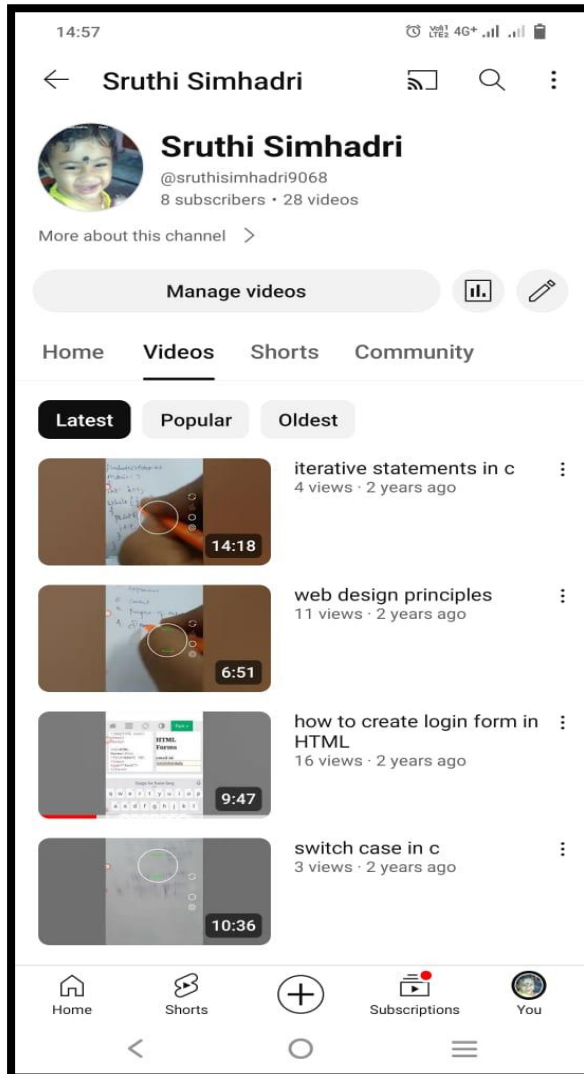
RESULT ANALYSIS 2017-2018



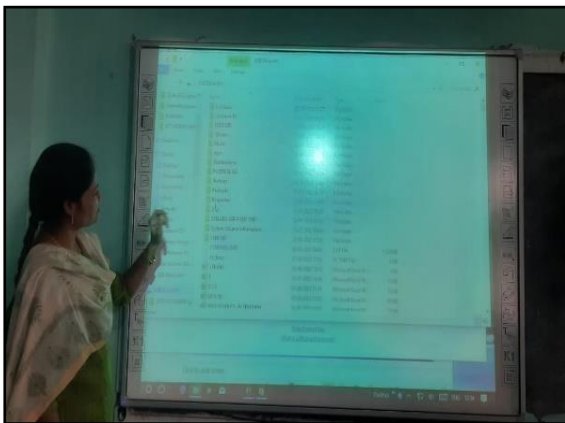
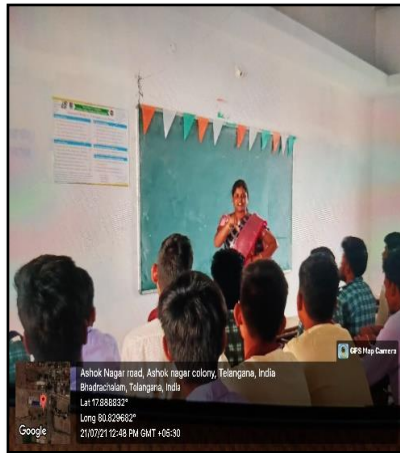
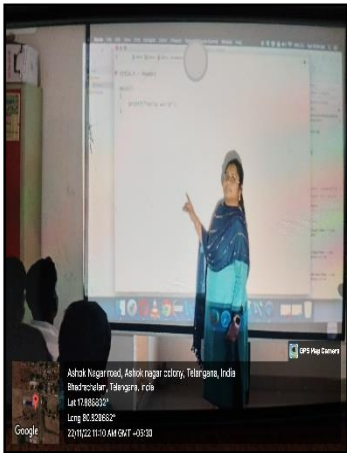
CRITERION III: RESEARCH, INNOVATION AND EXTENSION ACTIVITIES

Innovations:

Conducted YouTube classes:



Extension Lectures:



We the department of computer science invited some of the Faculty from various institutions to provide extension lectures for our students to improve their theoretical as well as practical knowledge.

CRITERION-IV: INFRASTRUCTURE AND LEARNING RESOURCES

Department of Computer Science Laboratory has the following equipment.

List of Equipment's

S.No	Name of the Equipment	Quantity
1	Computers	30
2	Projectors	01
3	Speakers	03
4	Web Cam	04
5	Head Phones	14
6	UPS	01
7	Networking Devices	02
8	Chairs	30
9	Computer Tables	20
10	Tables in Department	1
11	Almaraz	1
12	S type Chairs	1
13	Plastic Chairs	30

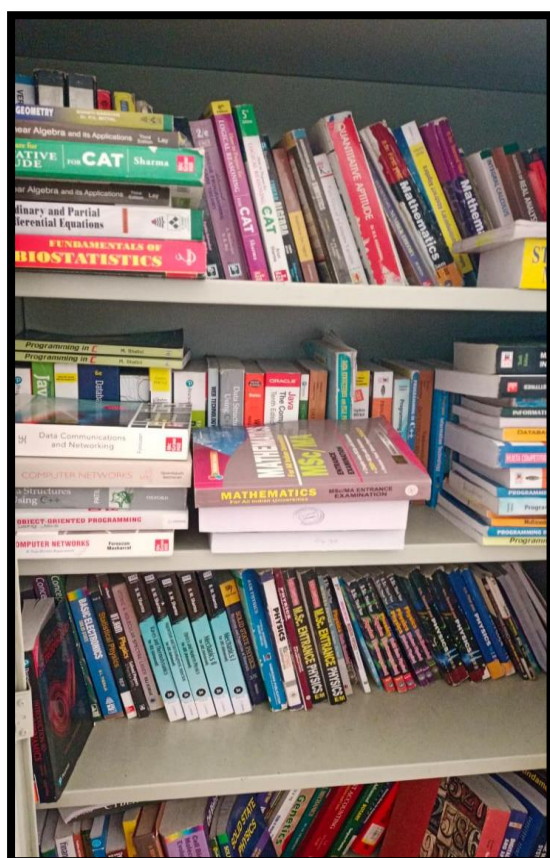


DEPARTMENT LIBRARY:

Department of Computer Science has a Central Library to cater the needs of the students those who prepare for M.Sc. Computers, MCA by issuing PG entrance and Competitive exams as well as Reference books. The books available for faculty and students are given in the table as follows:

Category of books

S.No	Category of Books	No
1	Reference Books	38
2	PG Entrance Books	10
3	Other Books	225
	Total	273



CRITERION V: STUDENT SUPPORT AND PROGRESSION

STUDENT SUPPORT:

Department of Computer Science has been encouraging the students to pursue higher education in Computer Science by providing PG Entrance coaching and to get employability skills by engaging in Career guidance programs and organizing career awareness programs like Career opportunities in IT Sector.

Career Guidance Cell of the TTWRDC MANUGURU organized a One-week Personality Development Program in collaboration with Nandi Foundation and Mahindra Pride solutions ltd. for final year students under the Chairperson of the honorable principal. The principal addressed the students to utilize the Library of our College to gain the knowledge and on the various opportunities for them in different fields to build their career.

Mr. Om Prakash was the trainer of the program. He explained different aspects related to the Personality Development. At the end of the program he conducted Mock Group Discussion and Mock Interviews. Many students transformed through this program. They showed great progress in their behavior. Therefore, career decision is one of the most significant decisions in one's life. 35 students attended this program.

Career guidance cell Coordinator organized the program with the support of All faculty and made the program a grand success.





Student Progression:

S. No	Batch	Student Name	PG Selected	College Admitted
1	2018-21	B SANDEEP KUMAR	M.Sc Computer Science	CENTRAL UNIVERSITY OF KERALA
	2018-21	UMMALA LACHI REDDY	M.Sc Computer Science	KAKATIYA UNIVERSITY
2	2018-21	KAKA RAVI	M.Sc Computer Science	PALAMURU UNIVERSITY
3	2019-22	G SAMBA SHIVA RAO	M.Sc Computer Science	CENTRAL UNIVERSITY OF KERALA
4	2019-22	CH. CHANTI	Masters in Computer Applications	CENTRAL UNIVERSITY OF HARYANA
5				

Alumni:

The Department of Computer Science has been trying to maintain a healthy relationship with Alumni and make efforts to inspire fresh graduates through telling about their success stories as well as interaction with Alumni. Some of the Alumni details are given in the below table.

S.No	Name of the student	Designation	Place of the work	Contact No	Batch
1	SMahesh	Sales Executive	Manappuram Gold Bayyaram	9392536798	I
2	TVenkateshwarlu	Physical Director	Sri Chaithanya Techno School Hyderabad	6303495712	I
3	LManikumar	Accounting Operator	Oremus	8247499420	II
4	GSanthosh	System Analyst	Broad Ridge	9381152934	II
5	BBhaskar	Owner	Tea Types	8179682815	II
6	BNaresh	Filed officer	Maharastra Mills	9121156038	II
7	DSagar	Associate I	RSM Private LTD	6305880935	III
8	P Sai Ram	Medical Billing and Coding	Vision 2K India LLP	6303645362	IV
9	M Naveen	Customer Care Executive	Quess	7569739099	IV

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

DEPARTMENT MEETINGS:

Department meetings are conducted every month. Syllabus is distributed among the faculty members. Various curricular aspects like result analysis, program outcomes, curricular activities, remedial teaching to slow learners, Co - Curricular activities are discussed in the meeting.

Additional responsibilities of Computer Science department:

Every faculty is rendering services to the students by actively involving in additional responsibilities assigned to them which are given in the below table.

S. No	Academic year	Name of the Incharge	Name of the Faculty	Designation
1	2018-19	CGC Member	H Rambabu	Degree Lecturer in Computer Science
2	2019-20	CGC Member	H Rambabu	Degree Lecturer in Computer Science
3	2020-21	Admissions	H Rambabu	Degree Lecturer in Computer Science
		Admissions	Sd Sruthi	Degree Lecturer in Computer Science
4	2021-22	Admissions	H Rambabu	Degree Lecturer in Computer Science
		Admissions	Sd Sruthi	Degree Lecturer in Computer Science
5	2022-23	Admissions	Sd Sruthi	Degree Lecturer in Computer Science
		Cultural Committee Member	D Sujitha	Degree Lecturer in Computer Science
6	2023-24	Admissions & CGC Member	Sd Sruthi	Degree Lecturer in Computer Science
		Cultural Committee Member & CGC Member	D Sujitha	Degree Lecturer in Computer Science

MENTOR – MENTEE SYSTEM:

Every academic year, principal allots a faculty as a Mentor of each group /section. Mentor will organize elections and mentees elect Class Counselor (CC), Class representatives (CR –I, CR – II), Executive Council members (EC – I, EC-II) Mentor takes whole responsibility of corresponding group. Mentor will communicate with mentees through CC, CR s, EC s in academic and co-curricular aspects.

S.No	Academic year	Mentor	Mentees
1	2018-2021	H Rambabu	MPCs
2	2021-2024	H Rambabu	MPCs
3	2020-2023	Sd Sruthi	B.Com
4	2023-2026	Sd Sruthi	B.Com
5	2021-2024	D Sujitha	MPCs

Faculty participated in RC, OC, FDP, seminars, workshops, and webinars etc...

2018-2023

Faculty of the Department is regularly attending the seminars, webinars, workshops, orientation and Refresher courses for Professional development.

S.No	Name of the faculty	No. of RC / OC attended	No of Seminars /Workshops/ webinars / FDP attended	No of Seminars /Workshops / FDP presentations
1	SD SRUTHI	0	2	3

CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES

Best Practices of the department

- Quest Programs
- Village Learning Centers
- Healthy Circumstances
- Certificate Courses
- Go Green
- Departmental Activities like Youth Skills day, Digital Literacy Day, Gentleman's day, Women's day, Teacher's day etc.

BEST PRACTICE-1

Quest Programme: With the initiation and instructions of the Gurukulam Society Department of Computer Science Telangana Tribal Welfare Residential degree College (boys) Manuguru, has adopted a programme called **QUEST**, in which the faculty members of the department visit the houses of the college during the short and summer vacation, where the faculty members will get an opportunity to interact with the parents of the students and can discuss the progress and difficulties of the students, which helps the department to know the basic problems of the students by that the department can initiate an action plan for the betterment of the students.



BEST PRACTICE-2

Village Learning centres: With Interest and initiation of the faculty members the department of Computer Science started a programme called village learning centres to fill up the gaps between drop out students from schools due to pandemic situation during 2020 and 2021.

Under this programme the students of computer science department conduct the classes in rural areas of their village for the school students in their own residence and teach the students from the basics of their school curriculum and conduct some educational games.



BEST PRACTICE-3

Healthy Circumstances: A day has been identified in the regular time table of the department of computer science and named as **Healthy Circumstances which is** intended to clean the Computer Lab during 3.00pm – 5.00 pm on every Saturday.

Under this programme students clean the laboratory by helping each other and make sure that the entire lab is go clean. This activity inculcates maintenance of hygiene and cleanliness among the students.



BEST PRACTICES 4

Certificate Courses:


Apart from the regular course the department of Computer Science has adopted a practice of offering Certificate courses for the students of Arts once in a year to inculcate and impart the technical skills to students with vocational and practical knowledge.

Till now we have been provided certificates courses for three Batches of Arts students in our college and some of our students were shown their spectacular talent in designing invitations for parties which were held within our college. Our Students were also prepared pamphlets for campaigning and they designed flexes for each and every department in our college.



Balloons go up, Candles blow out
 Children all around jump and shout
 The date draws near and we want you here
 To celebrate
6th Annual Day
 On 31st March 2023
 From 10 am onwards
 Venue: At our College
TTWRDC (men), Manuguru
@ Mittagudem.
 Invited By

తెలంగాణ గిరిజన సంక్షేమ గురుకుల డిగ్రీ కళాశాల
 (పురుషులు)
 మణుగూరు @ భద్రాచలం, భద్రాద్రి కొత్తగూడెం జిల్లా

 డిగ్రీ అడ్మిషన్స్ కొరకు	గ్రూప్స్ B.Sc (MPCS) B.Sc (BZC) B.COM (Computers) B.A (H.E.P) B.A (E.P.P)	అర్హతలు • 2021 మరియు 2022లో ఇంటర్ పూర్తి చేసిన ఉండాలి. • వార్షిక అదాయం 2 లక్షలు మించకూడదు.
	మా ప్రత్యేకతలు :-	
	<ul style="list-style-type: none"> • ఉచిత వసతి, ఉచిత భోజన సదుపాయం. • ఉచితంగా పాఠ్య పుస్తకాలు, నోట్ బుక్స్, క్యాలెండర్లు ఇవ్వబడును. • ఉచితంగా కాన్సిటిక్ చార్జీలు ఇవ్వబడును. • ఉచితంగా యూనిఫామ్, ట్రాలీ బ్యాగ్, ఫ్లీటు, గ్లాసు ఇవ్వబడును. • పరీక్ష ఫీజ్ చెల్లించవలసిన అవసరం లేదు. • SET, NET, Ph.D అర్హతలు గల అధ్యాపకులచే విద్యా బోధన. • Digital classroom సదుపాయం కలదు. • స్టీట్ యూనివర్సిటీ, సెంట్రల్ యూనివర్సిటీ ప్రవేశాల కోసం ప్రత్యేక కోచింగ్ ఇవ్వబడును. • ప్రభుత్వ ఉద్యోగం, స్వయం ఉపాధి కోసం శిక్షణ ఇవ్వబడును. • ఇంగ్లీష్ అనర్గళంగా మాట్లాడటానికి ప్రతి రోజు E-Plus club నిర్వహించబడును. • లైబ్రరీ సదుపాయం కలదు. • NCC & NSS యూనిట్స్. • 24/7 వైద్య సదుపాయం గలదు. • సైన్స్ ల్యాబ్స్, కంప్యూటర్ ల్యాబ్ సౌకర్యం కలదు. 	
	Sri. H. DAVID RAJ Regional Co-ordinator(FAC) APO General ITDA Bhadrachalam.	Smt. G. Swapna Kumari PRINCIPAL(FAC) TTWRDC(M), Manuguru
Contact : 8790297518, 8500006021, 9550346210		

TTWR Degree College (Men) Manuguru
 College Code-647

Admissions are in Progress From 11-08-2023 to 20-08-2023

Spot Admission on 21-08-2023

Courses Offered :

- BA(HEP)
- BA(EPP)
- B.Com (CA)
- B.Sc (MPCS)
- B.Sc (MPC)
- B.Sc (BZC)

Venue
TTWRDC (Men) Manuguru
Mittagudem(V)
Bhadradri kothagudem

Principal
M.Manisha
7901097698

Contact us @ 9705960583, 7675890019



T.T.W.R.D.C (MEN) - MANUGURU



Department of Computer Science



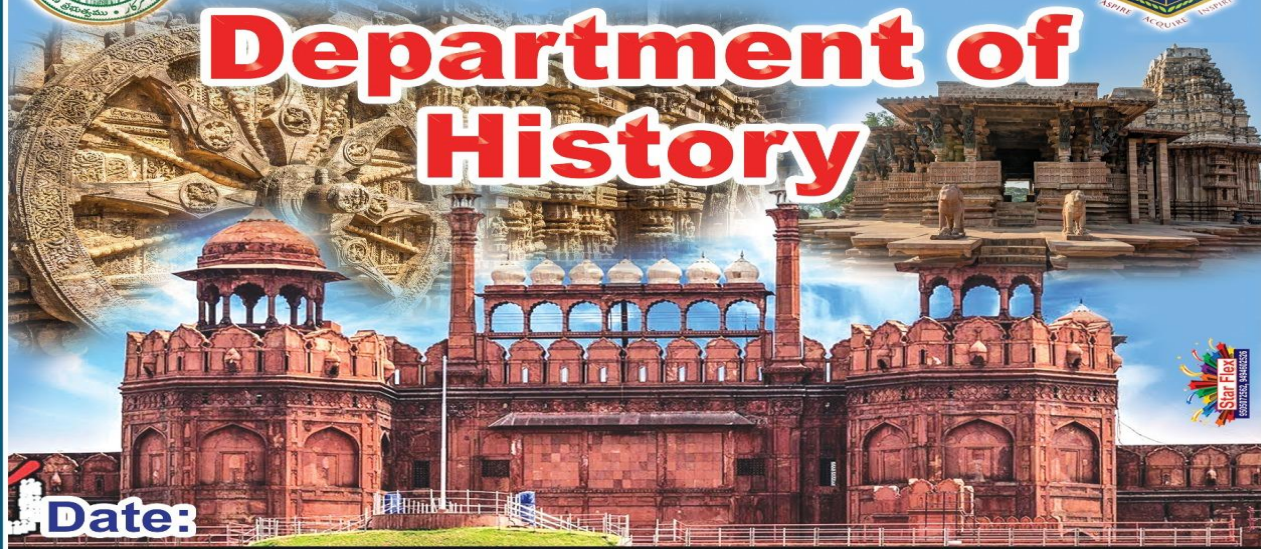
Date:



T.T.W.R.D.C (MEN) - MANUGURU



Department of History



Date:



Best Practice 5

GO GREEN



Departmental Activities

Youth Skills Day



Digital Literacy Day



Gentleman's Day

Every year on 22nd February department of Computer Science is Going to organize Gentleman's Day.





WOMEN'S DAY





TEACHERS DAY CELEBRATIONS



CREATIVE CLUB

As per the instructions of Gurukulam TTWRIES Creative Club is handled by the department of Computer Science. In this club students are going to collect waste material and they has to do the best ones.



SIGNIFICANT ACHIEVEMENTS

Achievement:1

Our Gurukulam was conducted state level “**MASTER Student**” competition for all the Tribal Welfare Residential Degree Colleges in the month of January. Providing an opportunity to the students of TTWRDCs to teach in MANA TV (T-SAT). The main MOTO of this program is that the student will have a new kind of “Teaching Learning Experience”. Accordingly, it is decided to conduct the Master Student competition for the academic year 2022-23.

- Further, It is decided to distribute cash prizes for the students selected in state level competition, best students for giving lecture on MANA TV (T-Sat) , Hyderabad and best mentor as follows.

Sn	Level	Prize Amount in Rs.	Remarks
1	Institution	1,000/- per student	For all (100) students (selected @4 at institution level)
2	Students selected for Live lecture	3,000/- per student	For all (25) students selected at STATE level
3	Best live lecture	For 1 st best 5,000 & 2 nd best 4,000	
4	Mentor lecturers of For 1 st best & 2 nd best student lectures.	3,000/-per each mentor	For Mentors of 1 st & 2 nd best live students' lectures

A) Nature of the Competition:

- **Master Student** is a live-teaching competition and is conducted for Degree students on MANA TV (T-Sat) , Hyderabad.
- The teaching session will be of 30 minutes and the interactive session will be of 10 minutes.
- The teaching sessions will be telecasted as live programme in the Education Channel through T-SAT.

B) Procedure for Screening Master Students:

- There will be two levels of screening of students at Institution & state level.
- The first phase of selections will be held at Institution level & (04) best students will be selected from all the subjects at institution level by the end of January 2022.
- The Institution level selections will be made by a Committee constituted by the Principal, Vice-Principal and lecturer in the concerned subject from the institution.
- The best students total (100), i.e ((04) students from each college including special institutions(22 RDCs + Law college+ FAA+ AFPDA) who get selected at Institution level will participate in the State level competition tentatively in the month of February 2023 and complete details will be given in due course of time.
- Out of (100) students, Top (25) best student lectures will be selected with the help of Committee members (RC,PPL of one RDC & Subject expert) along with Gurukulam officials for giving live classes on MANA TV (T-Sat) , Hyderabad at the proposed venue tentatively in the month of February-2023.

As the above said **D Sairam** from **II BCom(CA)** was selected at Institution level. He took topic called **“Introduction to Computers”** from the subject called **Fundamentals of Computers**. Further he was sended to Nagarkurnool institute for second screening test which is of state level. In the month of February, he was selected among 100 participants at state level and finally he got a chance to give his Live Lecture on T-SAT in the month of May 2023. He got two prize rewards, one is of 1000/- worth and the other is of 3000/- worth and got participation certificate also. As a Mentor I too got certificate.

This is a big achievement for our department. All our society officials were appreciated D Sairam for his excellence lecture delivery and the training given by our department to succeed.



After Coming to College our Principal madam was appricated that student and our department for the efforts we put on him. Principal encouraged us a lot to precipate like these events in the near future too.



Achievement II

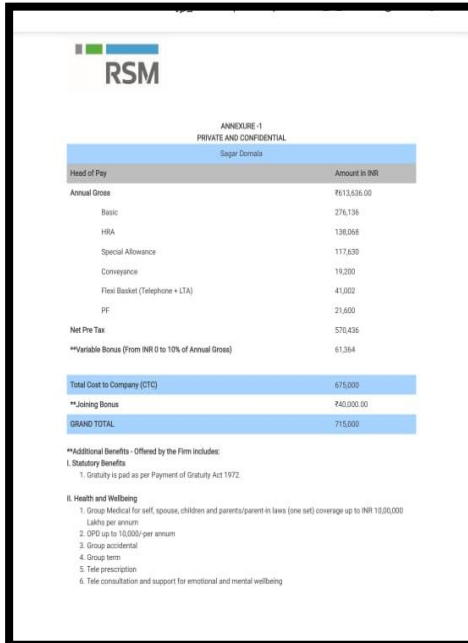
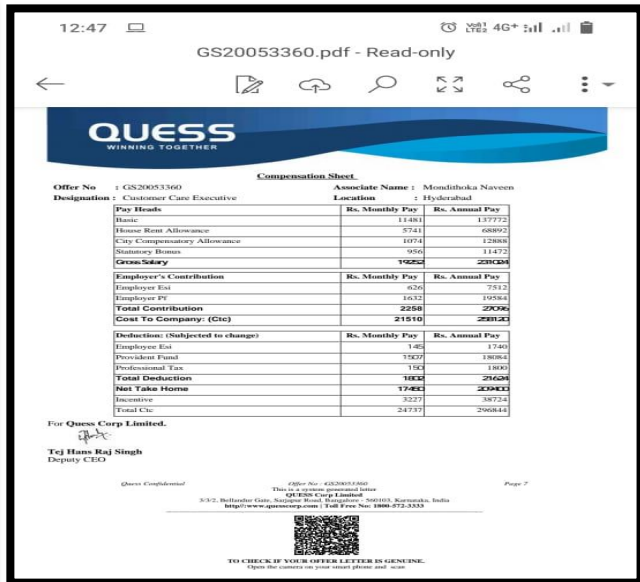
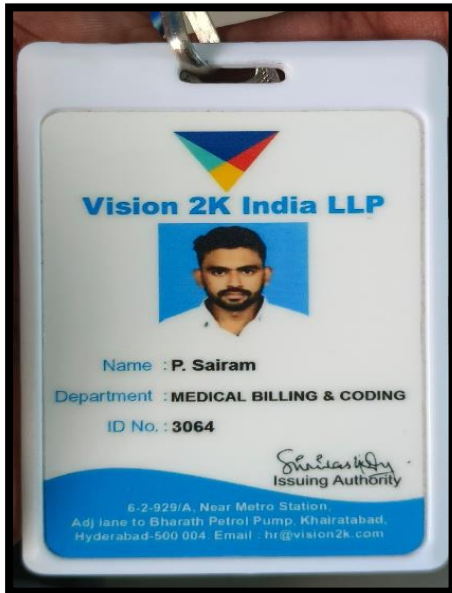


During Covid 19, TTWRIES Deputy Secretary Mrs. Padmavathi madam inaugurated our Computer Lab and she appreciates the work of Computer Science department for the services provided by us to our students for their all-round development.

Achievement III

Placements of our students in various companies as follows:





ACTION PLAN

- To visit Software Industries @ Hyderabad for more live projects for the students.
- To increase the number of P.G seats in entrance exam through PG coaching.
- To increase the student employment with the help of Gurukulam, ITDA Bhadrachalam and TASK.