

Vision of the Department : Statistics Department aims to gather data, analyze it creatively, and make predictions that help people make better decisions,

reaching out to share our findings widely.

Mission of the Department : Conduct cutting-edge research in statistical methods, data analysis, and prediction techniques to advance knowledge and inform

decision-making processes. Engage in community outreach initiatives to share expertise, promote statistical literacy, and facilitate

the practical application of statistical insights for societal benefit.

Name of the Department	Statistics
Year of establishment	1968
Institution Status	Autonomous
Groups/Courses related to the Statistics	B.Sc., (MSCS) , M.Sc., (Statistics)
New courses introduced during the last five years	NIL
2f & 12b of UGC	
Website	<a href="http://pvkngcchittoor.ac.in">pvkngcchittoor.ac.in</a>
Sanctioned posts as per SMPC	02
No. of Lecturers working (2022-23)	02
Regular	01
Contract	01
Guest	0
Part-time	0
Total full time Lecturers working	02
Department In-charges	
i.2023-24	Dr. S.HARI PRASAD
ii.2022-23	Dr V. MUNAIAH
iii.2021-22	Dr V. MUNAIAH
iv.2020-21	Dr T. GANGARAM
v.2019-20	Dr T. GANGARAM
vi.2018-19	Dr T. GANGARAM
Department Area in mts	6X15
Classroom Area in mts	20X15
No. of Digital Classrooms	One
No. Virtual Classrooms	One (on sharing mode)

## 2.ACADEMIC INFORMATION

Details of the Programmes Offered by the College (Academic years from 2018-2023)							
Year	Level of Programme	Name of Programme/ Course	Duration of Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No. Of Students Admitted

					n		d
2022-23	<b>B.Sc</b>	<b>MSCs</b>	<b>36</b>	<b>INTERMEDIATE</b>	<b>ENGLISH</b>	<b>50</b>	<b>20</b>
2021-22	<b>B.Sc</b>	<b>MSCs</b>	<b>36</b>	<b>INTERMEDIATE</b>	<b>ENGLISH</b>	<b>50</b>	<b>44</b>
2020-21	<b>B.Sc</b>	<b>MSCs</b>	<b>36</b>	<b>INTERMEDIATE</b>	<b>ENGLISH</b>	<b>50</b>	<b>48</b>
2019-20	<b>B.Sc</b>	<b>MSCs</b>	<b>36</b>	<b>INTERMEDIATE</b>	<b>ENGLISH</b>	<b>50</b>	<b>38</b>
2018-19	<b>B.Sc</b>	<b>MSCs</b>	<b>36</b>	<b>INTERMEDIATE</b>	<b>ENGLISH</b>	<b>50</b>	<b>45</b>
<b>Total</b>							<b>158</b>

### 3. Teaching Faculty

Year	Regular	Contract	Guest	Total	Name of the Lecturers	Transferred from and to	Highest Qualification	Contact information
2022-23	01	01	00	02	i)Dr V. MUNAIAH ii)Dr S. CHANDRA BABU	i) TO GDC, SRI KALAHASTHI ii)FROM GDC, NAGARI	MSc; PhD MSc; PhD	9494404963 9494403393
2021-22	01	01	00	02	i)Dr V. MUNAIAH ii)Dr S. CHANDRA BABU		MSc; PhD MSc; PhD	9248525294 9494403393
2020-21	02	01	00	03	i)Dr T. GANGARAM ii)Dr V. MUNAIAH iii)Dr S. CHANDRA	i)TO GDC, SRI KALAHASTI	MSc; PhD MSc; PhD MSc; PhD	9440019263 9248525294 9494403393

					BABU			
20 19- 20	02	01	00	03	i)Dr T. GANGARA M ii)Dr V. MUNAIAH iii)Dr S. CHANDRA BABU		MSc; PhD MSc; PhD MSc; PhD	9440019 263 9248525 294 9494403 393
20 18- 19	02	01	00	03	i)Dr T. GANGARA M ii)Dr V. MUNAIAH iii)Dr S. CHANDRA BABU	i)FROM NPS GOVT COLLEG E(W), CHITTOO R	MSc; PhD MSc; PhD MSc; PhD	9440019 263 9248525 294 9494403 393

#### 4.Student details of the department during the last five academic year

Programme		2022-23	2021-22	2020-21	2019-20	2018-19
SC	Male	04	10	13	11	15
	Female	02	01	03	03	0
	Others	0	0	0	0	0
ST	Male	02	0	0	02	01
	Female	0	0	0	0	0
	Others	0	0	0	00	0
OBC	Male	03	15	16	14	16
	Female	07	10	07	03	06
	Others	0	0	0	0	0
General	Male	0	06	05	04	07
	Female	02	02	04	01	0
	Others	0	0	0	0	0
Others	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Total		20	44	48	38	45

### 5. Evaluative Report of the Department

**Name of the Autonomous College** PVKN GOVT. COLLEGE (A), CHITTOOR

**Name of the Department:** STATISTICS

**Dist:** CHITTOOR

**State:** ANDHRA PRADESH.

**Total Number of Departments in the institution:** 22

Sl. No.	Name of the Department	STATISTICS
1.	Year of Establishment	<b>1961</b>
1.	Is the Department part of a School/Faculty of the Autonomous College	<b>YES</b>
1.	Names of programmes offered	<b>01</b>
1.	Number of teaching posts Sanctioned/Filled	<b>02</b>
1.	Number of Research Projects: Total grants received	<b>00</b>
1.	Inter –institutional collaborative projects and Associated grants received	
	National collaboration	<b>00</b>
	International collaboration	<b>00</b>
1.	Departmental projects funded by DST-FIST, UGC-SAP/CAS,DPE, DBT, ICSSR, AICTE etc., : Total grants received	<b>00</b>
1.	Special research laboratories sponsored by / created by industry or corporate bodies	<b>00</b>
1.	Publications:	
	Number of Papers published	<b>08</b>
	Number of Books with ISBN	<b>00</b>
	Number of Citation Index – range / average	
	Number of Impact Factor – range / average	<b>9.47</b>

	Number of h-index	
1.	Details of patents and income generated	<b>00</b>
1.	Areas of consultancy and income generated	<b>00</b>
1.	Awards/Recognitions received at the National and International level by :	
	Faculty	<b>00</b>
	Doctoral/Postdoctoral fellows	<b>00</b>
	Students	<b>00</b>
1.	How many students have cleared Civil Services and Defense Services examinations, NET, SET (SLET), GATE and other competitive examinations	<b>00</b>
1.	List of doctoral, post-doctoral students and research associates	
	From the host institution/university	<b>00</b>
	From other institutions/universities	<b>00</b>
1.	Number of Research Scholars/ Post Graduate students getting financial assistance from the University/State/ Central	<b>00</b>

Note: *Compile data for the last five years*

#### **Declaration by the Head of the Institution**

*I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.*

*This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.*

*I am aware that the Peer Team will validate the information provided in this SSR during the peer team visit.*

**Signature of the Head of the institution with seal:**

**Place: CHITTOOR**

**Date:**

## 6. CO, PO and PSO of the Programmes

COs , POs and PSO s									
Subject			Statistics						
Paper	I		Department of Statistics			PVKN GC (A), Chittoor			
CO:	Course Outcomes focus on individual courses and their learning objectives								
PO	Program Outcomes encompass the overall goals of an academic program								
PSO	Program-Specific Outcomes are tailored to the unique requirements of a particular field of study								
	COURSE OUTCOMES on Descriptive Statistics				Code: 18-STA-101				
CO1	<b>Data Summary and Organization:</b> Descriptive statistics involves the organization and summary of data to make it more understandable. Students learn techniques such as creating frequency distributions, histograms, and summary tables to present data in a clear and structured manner.								
CO2	<b>Measures of Central Tendency:</b> Students study measures of central tendency, including the mean, median, and mode, which help describe the typical or central value of a dataset. They learn when each measure is appropriate and how to calculate them.								
CO3	<b>Measures of Variability:</b> Variability measures, such as the range, variance, and standard deviation, are crucial in descriptive statistics. Students learn how to calculate and interpret these measures to understand the spread or dispersion of data points within a dataset.								
CO4	<b>Data Visualization:</b> Descriptive statistics often involves data visualization techniques. Students explore methods like box plots, scatter plots, and bar charts to visually represent data, helping to identify patterns, outliers, and trends.								
CO5	<b>Summary Statistics and Interpretation:</b> Degree-level courses in descriptive statistics emphasize the calculation and interpretation of summary statistics. Students gain the skills to analyze and draw meaningful conclusions from data summaries, such as identifying the most common values, assessing the spread of data, and making comparisons between datasets.								

PROGRAM OUTCOMES on Descriptive Statistics	
PO1	<b>Mastery of Descriptive Statistical Techniques:</b> Graduates will demonstrate a comprehensive understanding of various descriptive statistical techniques, including measures of central tendency, measures of variability, and graphical representations.
PO2	<b>Data Organization and Presentation:</b> Graduates will be proficient in organizing and presenting data effectively, using appropriate tables, charts, and graphs to enhance data visualization and comprehension.

PO3	<b>Data Interpretation:</b> Graduates will have the ability to interpret and critically analyze descriptive statistics to draw meaningful insights and make informed decisions based on data.
PO4	<b>Quantitative Reasoning:</b> Graduates will develop strong quantitative reasoning skills, enabling them to apply descriptive statistics to solve complex real-world problems in various domains.
PO5	<b>Effective Communication:</b> Graduates will be able to communicate statistical findings clearly and concisely, both in written reports and through oral presentations, making statistical results accessible to diverse audiences.
PO6	<b>Data Ethics and Integrity:</b> Graduates will recognize and adhere to ethical principles in data collection, analysis, and reporting, demonstrating a commitment to data integrity and responsible statistical practice.
PO7	<b>Statistical Inference Readiness:</b> Graduates will acquire a solid foundation in descriptive statistics, laying the groundwork for more advanced statistical courses and the ability to transition into statistical inference and hypothesis testing.
PO8	<b>Applied Descriptive Statistics:</b> Graduates will apply descriptive statistics to real-world scenarios, demonstrating their ability to analyze and summarize data effectively in various professional and research settings.

PROGRAM SPECIFIC OUTCOMES on Descriptive Statistics	
PSO1	<b>Data Exploration and Visualization:</b> Graduates will proficiently employ descriptive statistical techniques to explore and visualize large datasets, facilitating the discovery of meaningful patterns, trends, and anomalies.
PSO2	<b>Data Preprocessing Mastery:</b> Graduates will demonstrate expertise in data preprocessing, including handling missing data, outlier detection, and data transformation, ensuring the quality and suitability of data for advanced analytics.
PSO3	<b>Predictive Modeling Foundation:</b> Graduates will have a strong foundational understanding of descriptive statistics as a precursor to more advanced predictive modeling and machine learning techniques, preparing them for data-driven modeling tasks.

BLOOM'S TAXONOMY	
L1	<b>Remembering (Knowledge):</b> This level involves the ability to recall or retrieve information, facts, or concepts from memory. It includes tasks such as recognizing, listing, defining, and memorizing.
L2	<b>Understanding (Comprehension):</b> Understanding goes beyond mere memorization. It involves the ability to grasp the meaning of information, explain it in one's own words, and interpret the information. Tasks at this level include summarizing, paraphrasing, interpreting, and explaining.
L3	<b>Applying (Application):</b> Applying involves using knowledge and understanding in new and practical situations. It's about taking what has been learned and

	using it to solve problems, make decisions, or perform tasks. Tasks at this level include solving problems, using concepts in new contexts, and executing procedures.
<b>L4</b>	<b>Analyzing (Analysis):</b> Analyzing requires breaking down complex information into its constituent parts and examining the relationships between these parts. It involves tasks such as identifying patterns, comparing and contrasting, and recognizing cause-and-effect relationships.
<b>L5</b>	<b>Evaluating (Synthesis):</b> Evaluating involves the ability to synthesize information from various sources or perspectives, make judgments or decisions based on that information, and defend those decisions. It includes tasks like critiquing, making judgments, and creating new ideas or solutions.
<b>L6</b>	<b>Creating (Evaluation):</b> At the highest level of Bloom's Taxonomy, creating involves the generation of new ideas, products, or solutions. It's about combining existing knowledge and skills in innovative ways to produce something new or original. Tasks at this level include designing, inventing, composing, and producing.

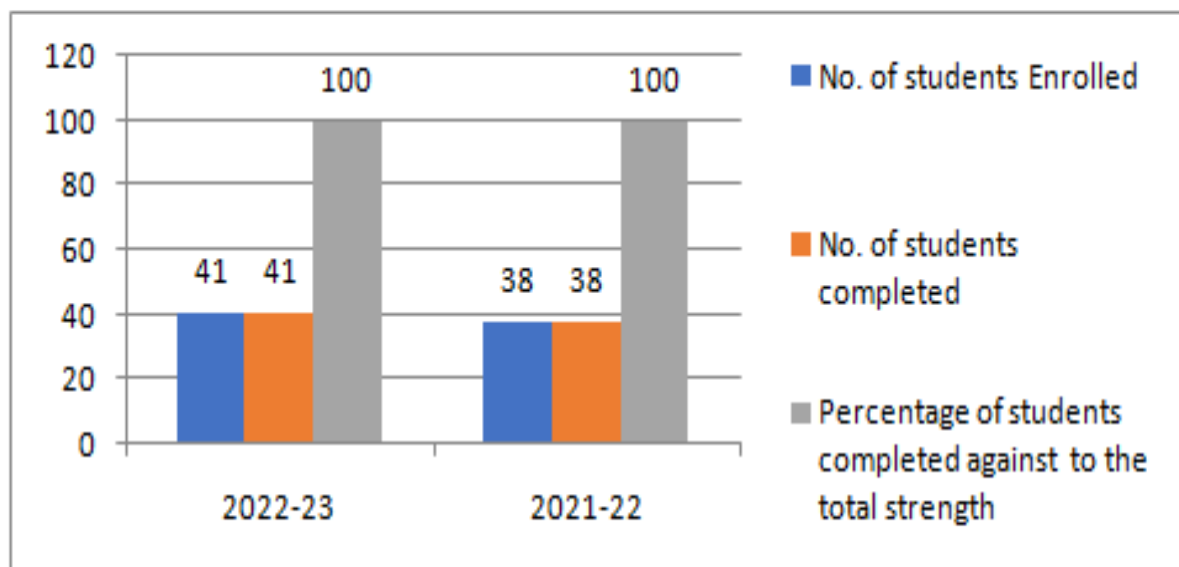
BLOOMS LEVEL for CO s	
L1 TO L4	THEORY CLASSES
L1 TO L5	THEORY AND PRACTICALS
L1 TO L6	THEORY , PRACTICALS AND PROJECT / CSP/ INTERNSHIP

BLOOMS LEVEL PO s		
Understand	Knowledge	PO1 PO2 PO3
Remember		
Apply		
Analyze		
Evaluate		
Create	Skill	PO4 PO5 PO10 PO11
	Attitude	PO6 PO7 PO8 PO9 PO12



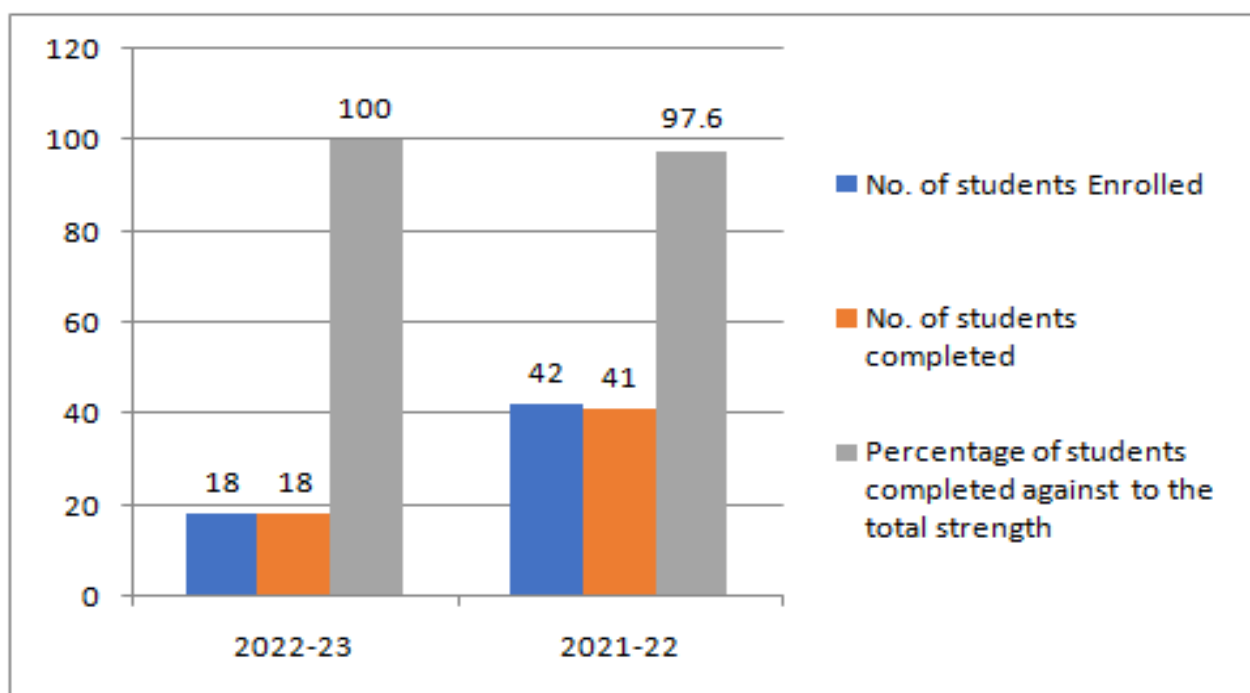
## 7. Certificate/Value add-on/MOOCs/Diploma/Online certificate Programmes

Year	2022-23	2021-22	2020-21	2019-20	2018-19
No. programmes offered	01	01	00	00	00
No. of students Enrolled	41	38	00	00	00
No. of students completed	41	38	00	00	00
Percentage of students completed against to the total strength	100	100	00	00	00

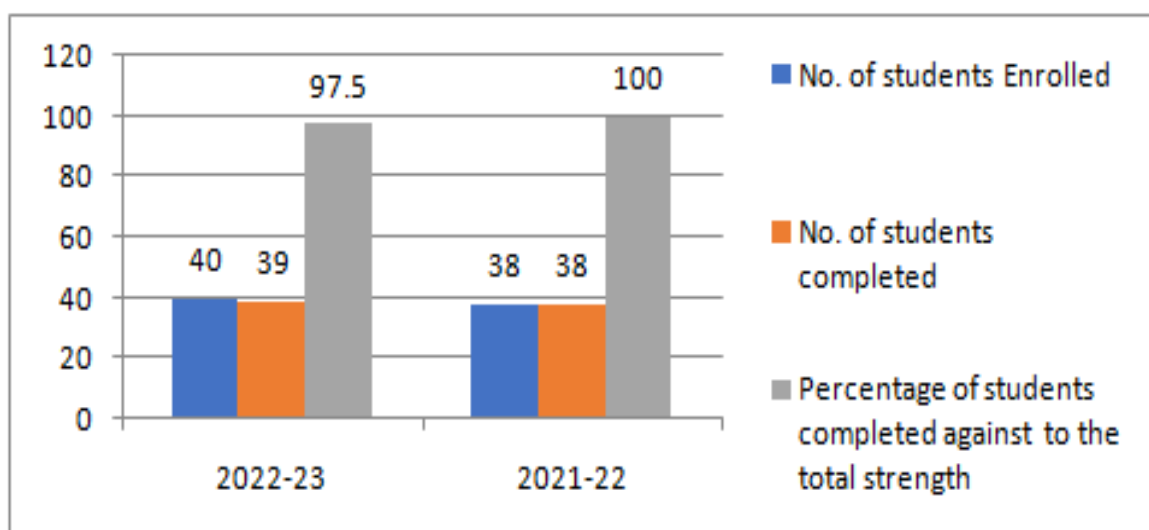


## 8. Field projects / research projects / internships during the last five years.

Year	2022-23	2021-22	2020-21	2019-20	2018-19
CSP					
No. of students Enrolled	18	42	0	0	0
No. of students completed	18	41		0	0
Percentage of students completed against to the total strength	100	97.6	0	0	0

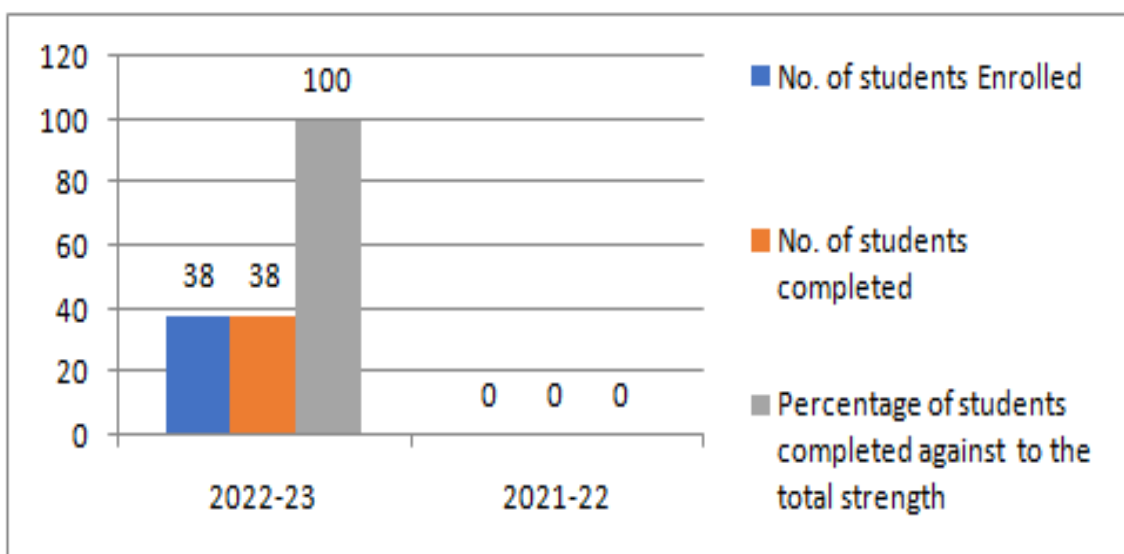


Year	2022-23	2021-22	2020-21	2019-20	2018-19
Short term Internship					
No. of students Enrolled	40	38	0	0	0
No. of students completed	39	38	0	0	0
Percentage of students completed against to the total strength	97.5	100	0	0	0



Year	2022-23	2021-22	2020-21	2019-20	2018-19
Long term Internship					

No. of students Enrolled	38	0	0	0	0
No. of students completed	38	0	0	0	0
Percentage of students completed against to the total strength	100	0	0	0	0

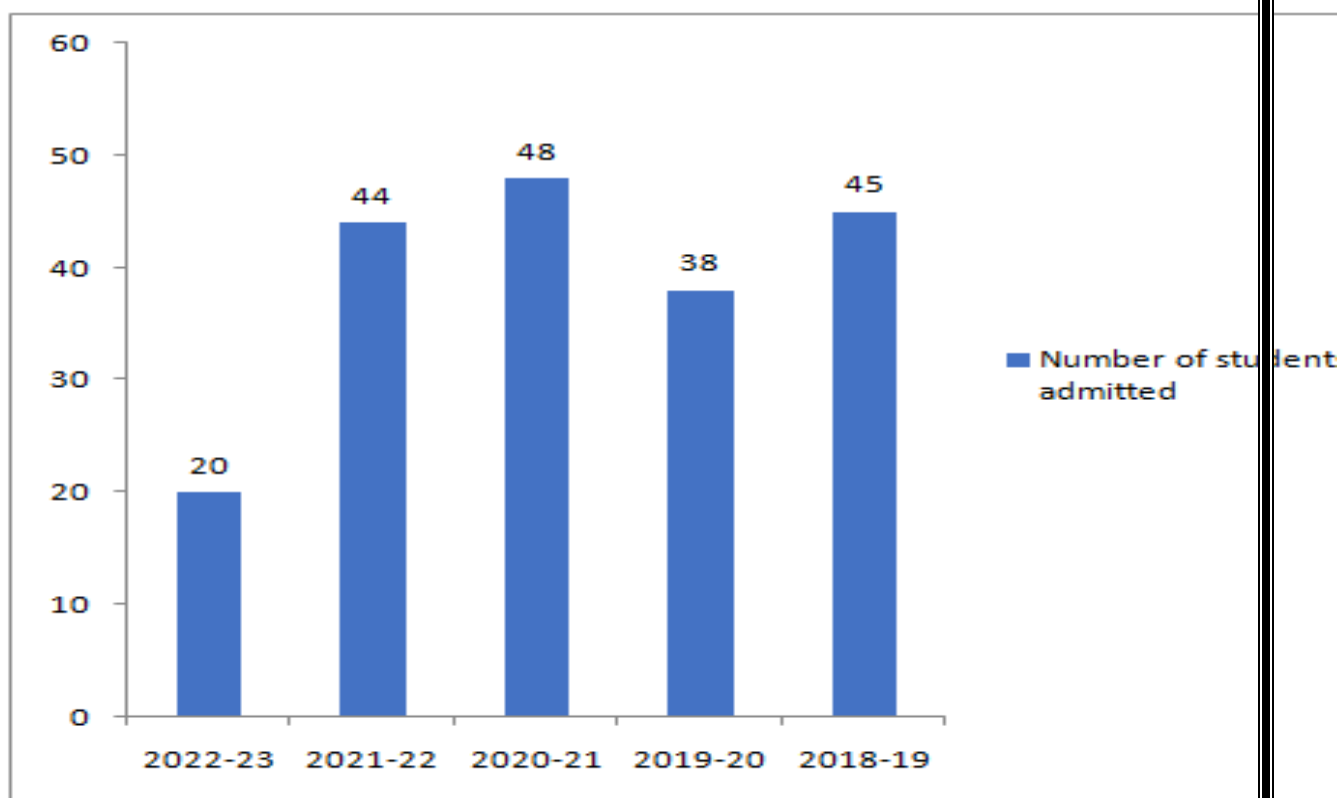


#### 10. Feedback system : Analysis and Action Taken Report

#### 11. *Enrolment percentage*

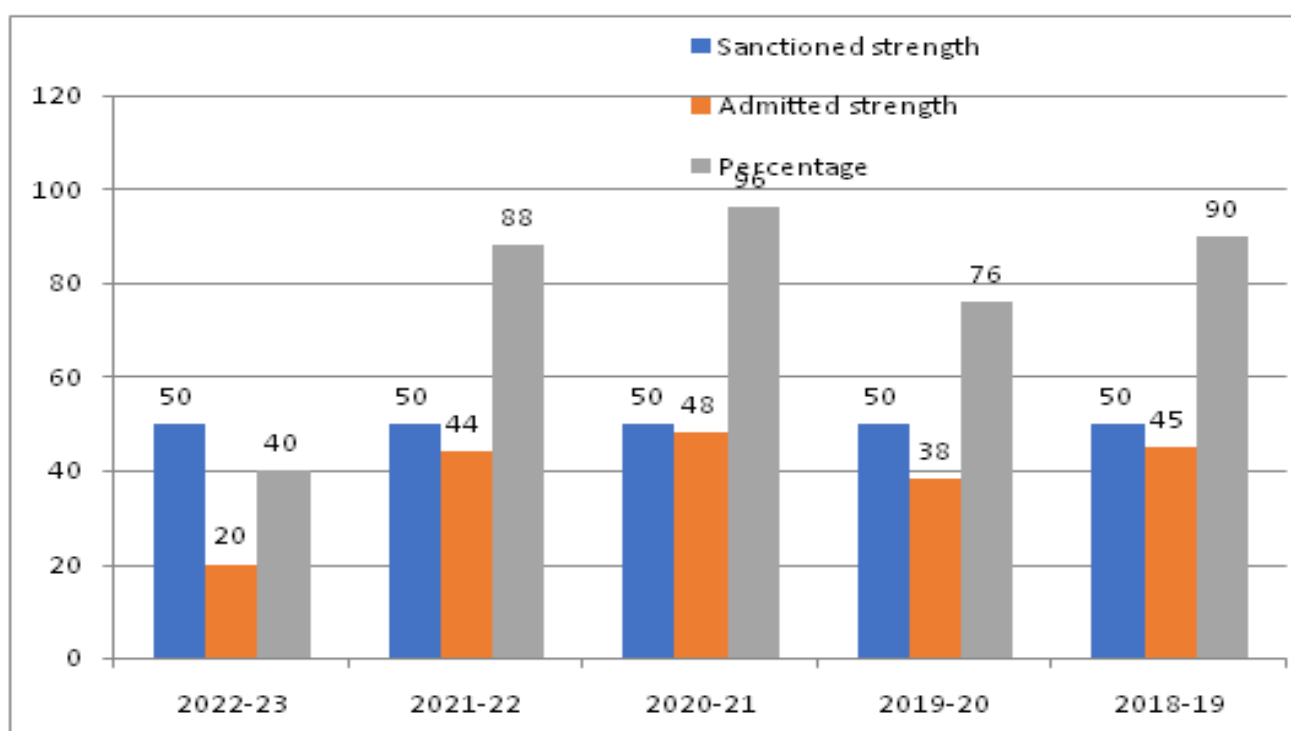
Number of seats filled year wise during last five years (Only first year admissions to be considered)

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number students admitted	20	44	48	38	45



Number of sanctioned seats year wise during last five years

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Sanctioned strength	50	50	50	50	50
Admitted strength	20	44	48	38	45
Percentage	40	88	96	76	90



## 12. Student Centric Methods:

- i. Experiential Learning: Hands on Experiments
- ii. Participative Learning: Quia, Debates, Seminar, Brainstorm sessions, Communication Games, Role Plays
- iii. Problem Solving Learning: Calculators
- iv. ICT enabled tools (usage of online resources): PPTs, LMS, YouTube

## 13. Mentor and Mentee System:

- **1. Guidance and Support:** We provide guidance and support to students in various aspects of academic and professional life, including teaching methodologies, research activities, curriculum development, and administrative tasks. It will help the students navigate challenges and make informed decisions.
- **2. Facilitating Learning:** We facilitate the learning process by sharing their knowledge, expertise, and experiences with students. We may assist students in understanding complex concepts, developing critical thinking skills, and applying theoretical knowledge to real-world situations.
- **3. Professional Development:** The mentor-mentee system helps in the professional development of mentees by identifying their strengths and areas for improvement. Mentors provide constructive feedback, suggest opportunities for growth, and help mentees set and achieve their academic and career goals.
- **Networking and Collaboration:** Mentors encourage mentees to build professional networks and collaborate with peers, faculty members, and professionals in their field of study. They may facilitate introductions, recommend relevant resources, and promote interdisciplinary collaboration.

- **4. Personal Support and Counselling:** In addition to academic guidance, we may also provide personal support and counselling to students, addressing their concerns, motivating them during difficult times, and fostering a positive learning environment.
- **5. Monitoring and Evaluation:** We monitor the progress of students and evaluate their performance based on predetermined goals and objectives. We provide regular feedback, assess learning outcomes, and identify areas where additional support may be needed.
- **5. Institutional Improvement:** The mentor-mentee system contributes to institutional improvement by promoting a culture of continuous learning and professional development. It helps in identifying institutional strengths and weaknesses, implementing effective teaching practices, and enhancing overall quality assurance mechanisms.





53VV+XWH, Greampet, Chittoor, Andhra Pradesh 517002, India

Chittoor  
Andhra Pradesh  
India

2023-04-12(Wed) 12:23(PM)

37°C  
99°F

12:50 5G 82%

PVKN MSCs 2018-21  
AfSana, ismail, Likhithreddy, M. Samuel,...

September 7, 2022

Messages and calls are end-to-end encrypted. No one outside of this chat, not even WhatsApp, can read or listen to them. Tap to learn more.

September 16, 2022

Forwarded

FINAL ADVANCE RESULT  
TEMPLATE-AUGUST 2022.xl...  
6 sheets • 242 kB • XLSX  
5:25 AM ✓✓

Forwarded

Greetings from COE,  
Today in presence of our Principal and other faculty members, we have announced Advanced supplementary examinations results- August 2022 of 2019-22 batch. Kindly forward the result templates to respective student groups of 2019- 22 batch. COE thank all the faculties of various departments for their kind cooperation in accomplishing this task  
Thank you  
Controller of examinations  
5:25 AM ✓✓

Chittibabu Stud  
Ok sir tq 5:27 AM

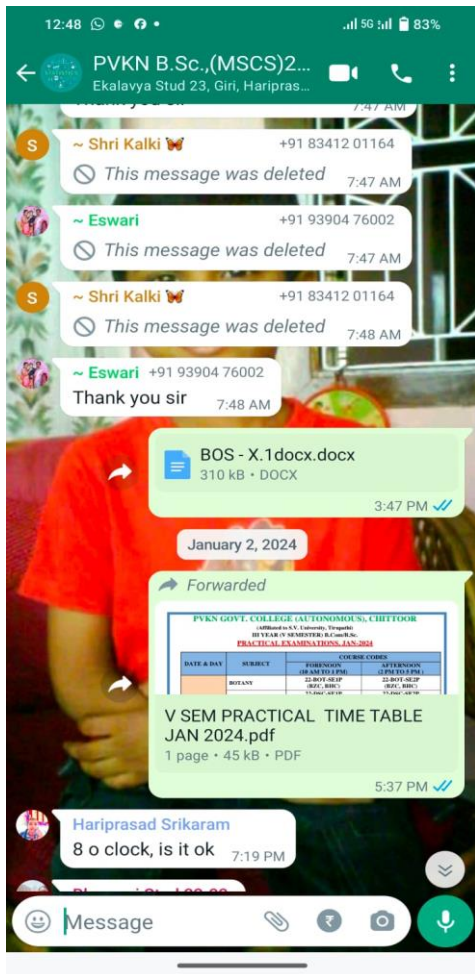
~ R SASI KUMAR +91 80962 89809  
TQ sir 5:38 AM

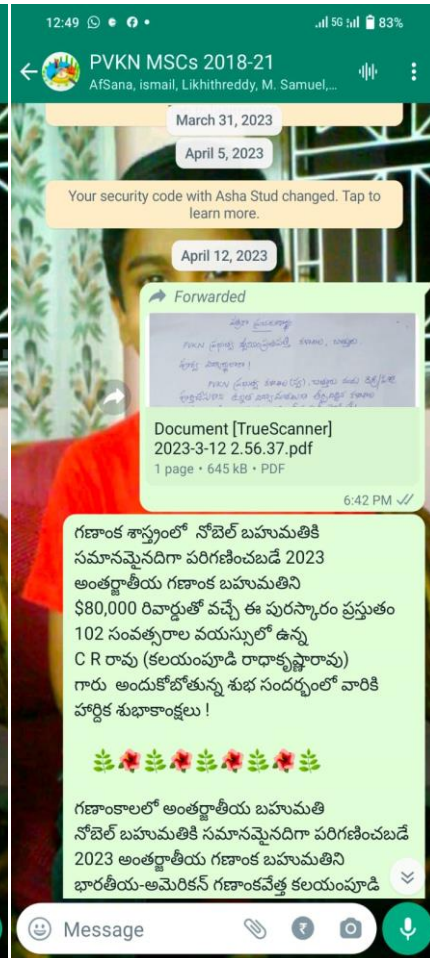
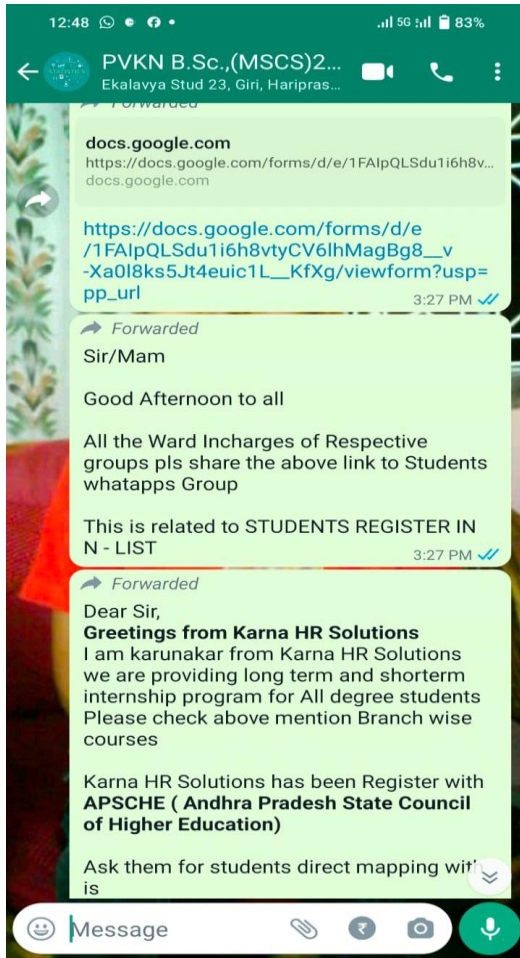
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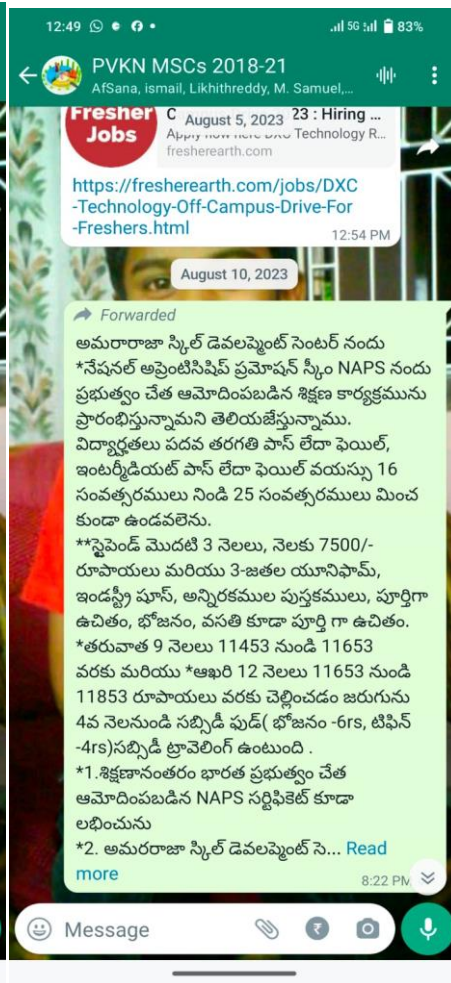
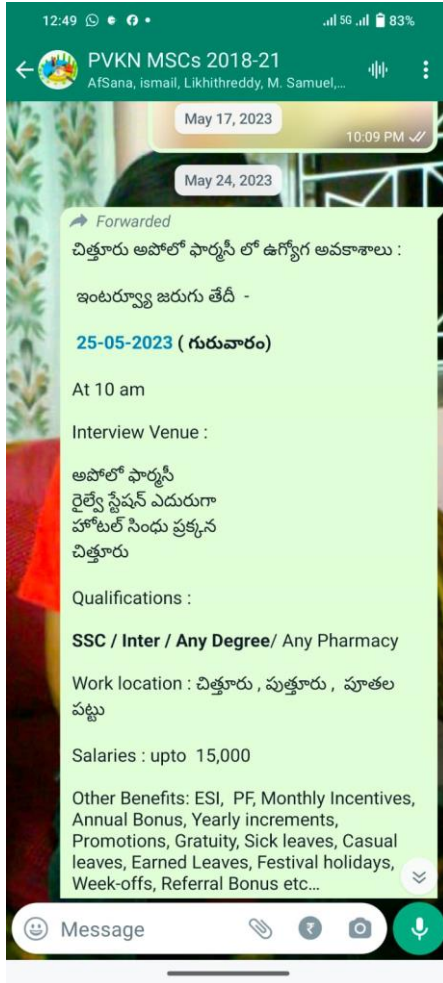
Message



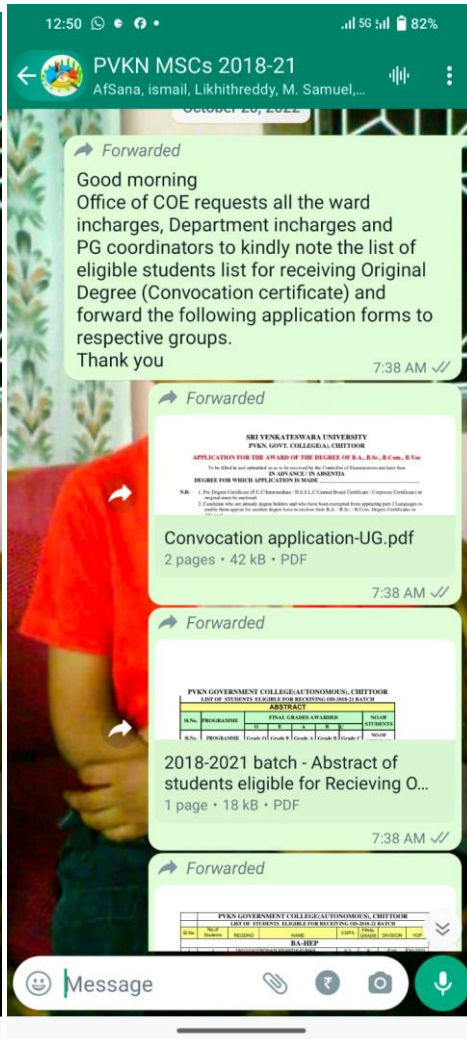
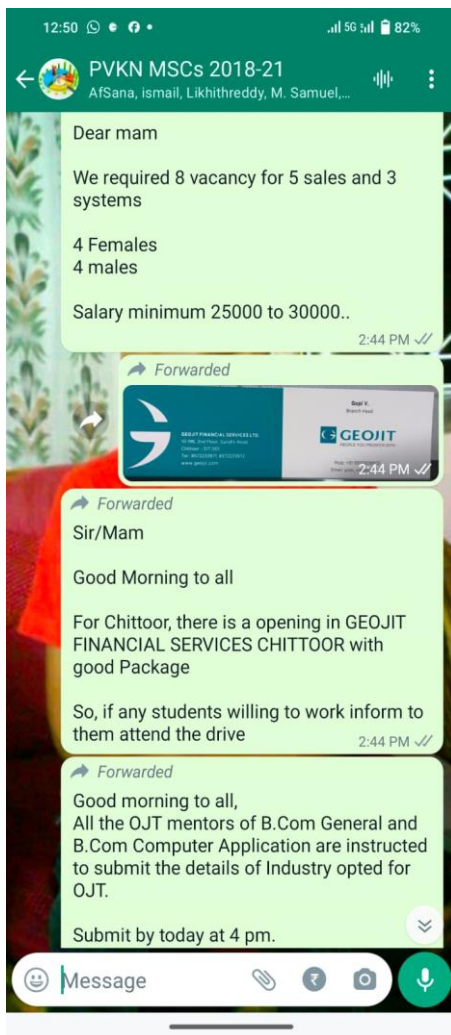




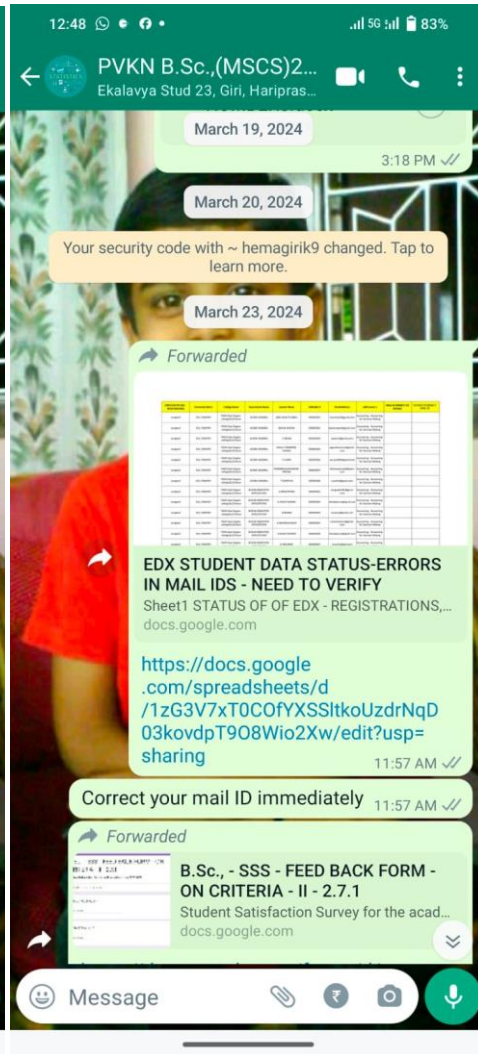




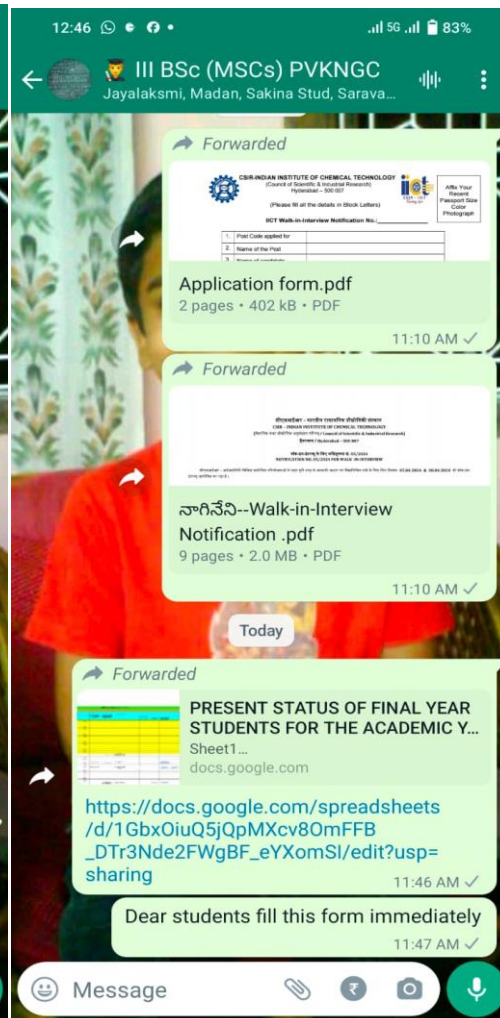


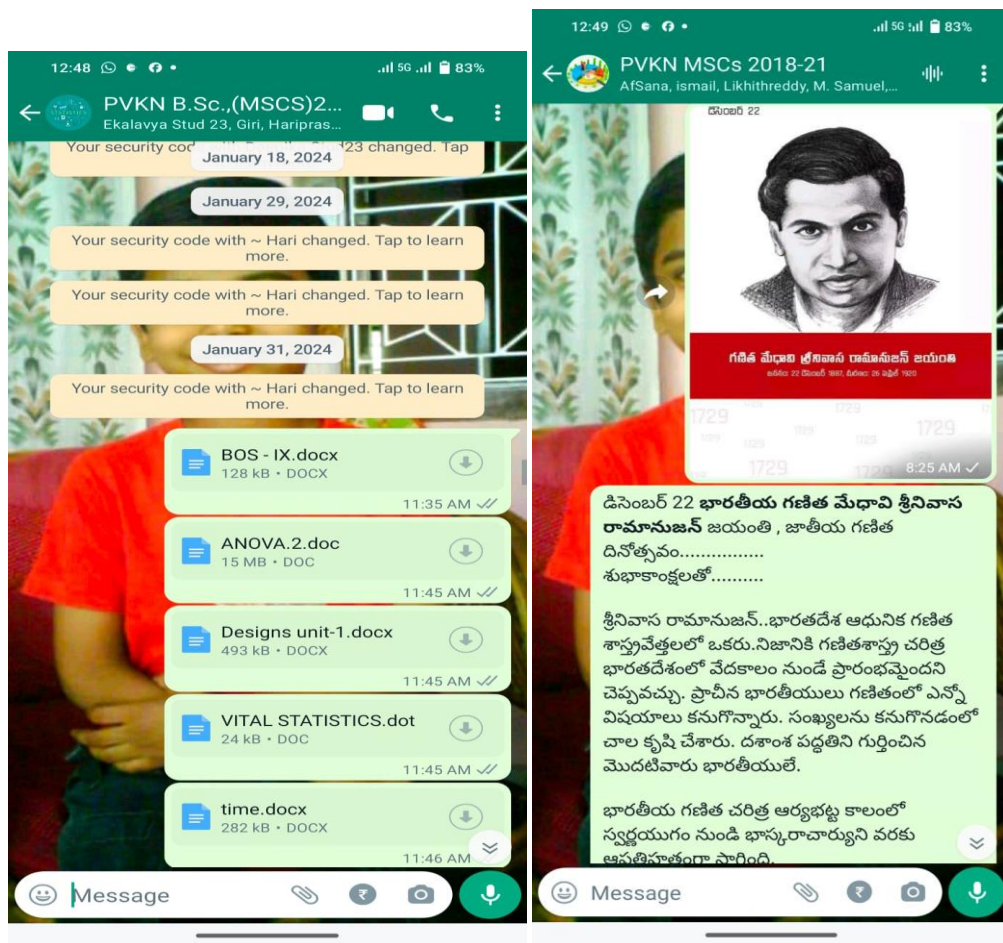












**14. Percentage of full-time teachers with Ph.D./D.Sc. / D.Litt./ L.L.D during the last five years**

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number	02	02	03	03	03
Name of the Lecturers	1. Dr V. MUNAIAH 2. Dr S. CHANDRABABU	1. Dr V. MUNAIAH 2. Dr S. CHANDRABABU	1. Dr T. GANGARAM 2. Dr V. MUNAIAH 3. Dr S. CHANDRABABU	1. Dr T. GANGARAM 2. Dr V. MUNAIAH 3. Dr S. CHANDRABABU	1. Dr T. GANGARAM 2. Dr V. MUNAIAH 3. Dr S. CHANDRABABU
Year of acquisition	1. 2004 2. 2008	1. 2009 1. 2008	1. 2005 2. 2009	1. 2005 2. 2009	1. 2005 2. 2009



ng Ph.D.,			3. 2008	3. 2008	3. 2008
Name of the Univer sity	SRI VENKATES WARA UNIVERSITY , TIRUPATI	SRI VENKATES WARA UNIVERSITY , TIRUPATI	SRI VENKATES WARA UNIVERSITY , TIRUPATI	SRI VENKATES WARA UNIVERSITY , TIRUPATI	SRI VENKATES WARA UNIVERSITY , TIRUPATI

#### 15. Grievance and Redressal system

Number of complaints/grievances about evaluation year wise during last five years

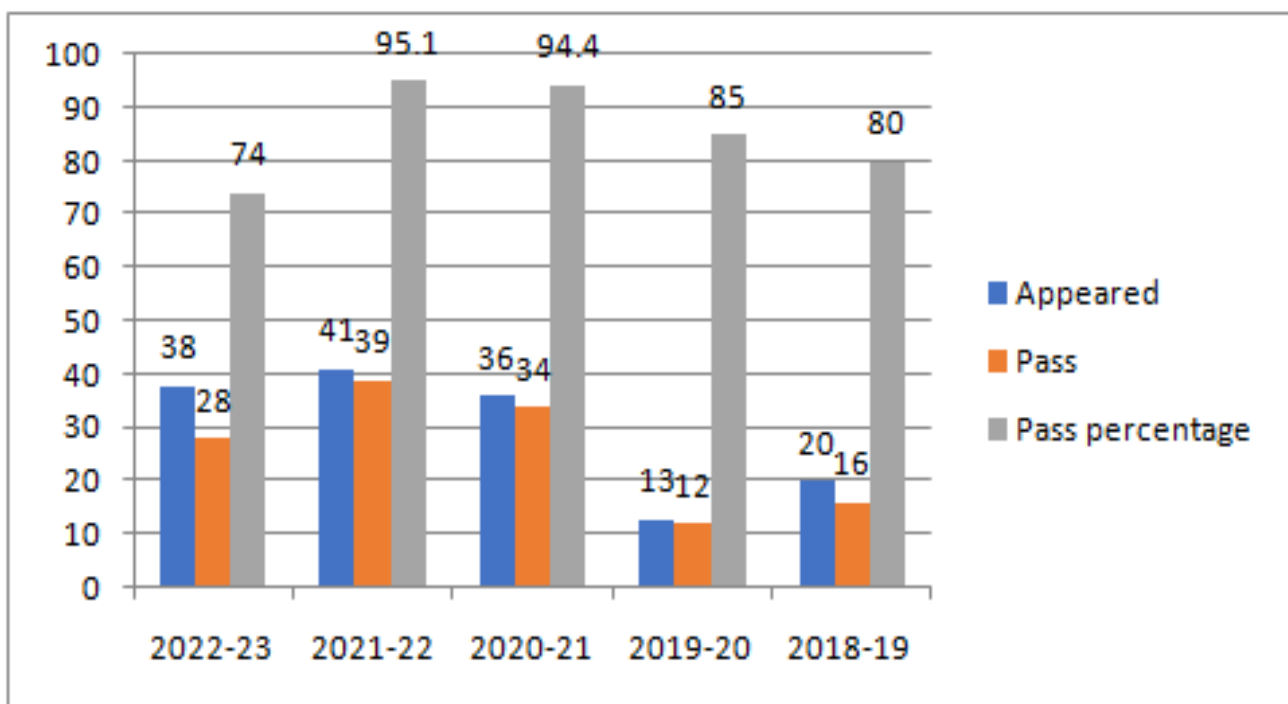
Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number	05	07	06	08	09

#### 16. Result Analysis

Pass percentage during the last five years

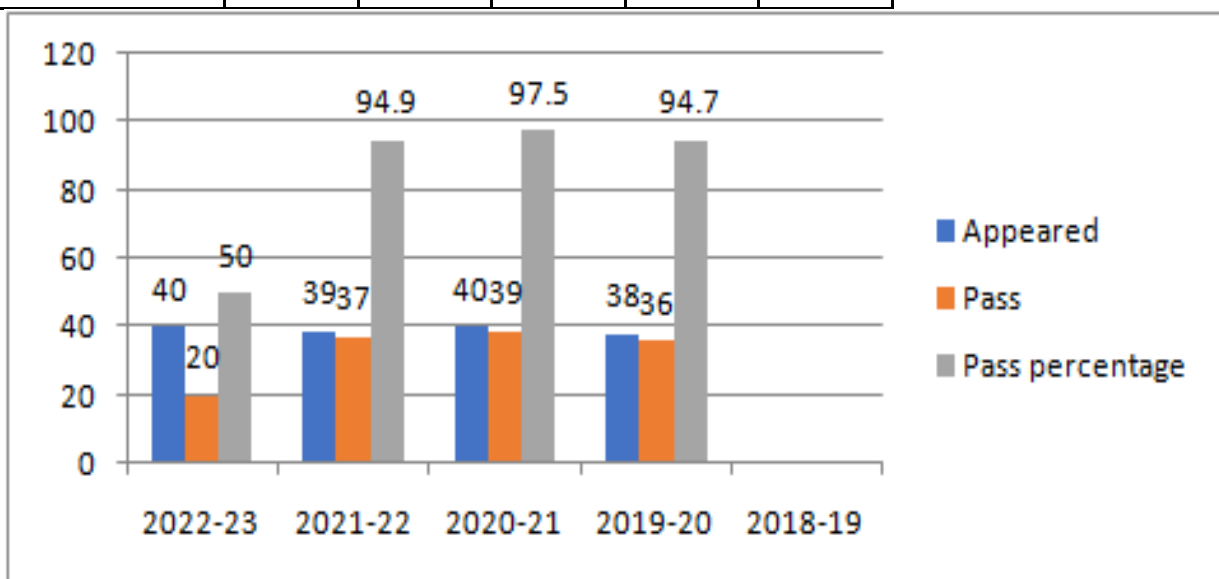
Final Year:

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Final year students appeared	38	41	36	13	20
Final year students passed	28	39	34	12	16
Pass percentage	74	95.1	94.4	85	80



IV Semester:

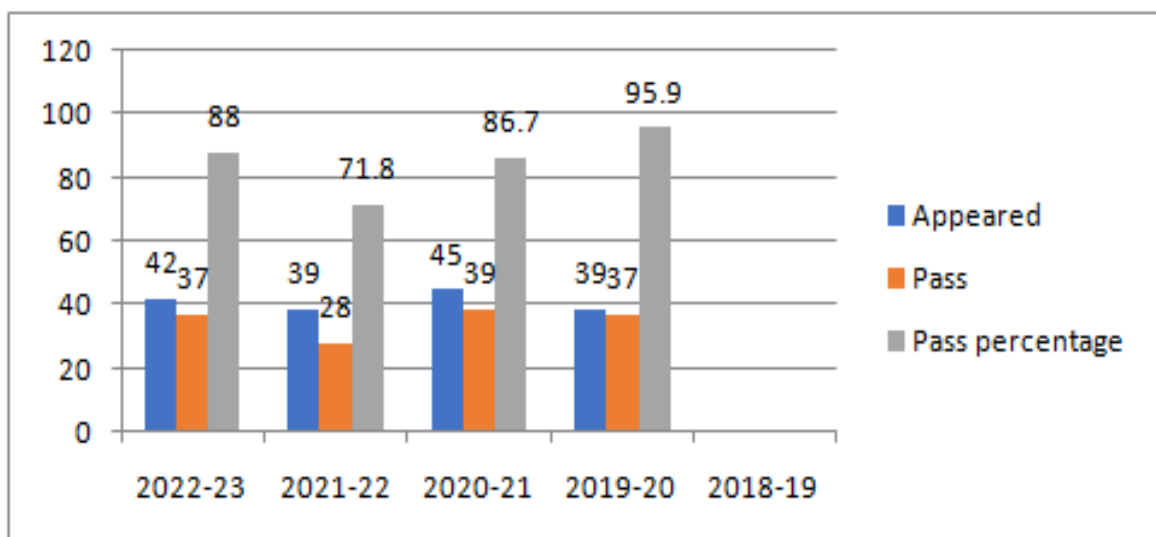
Year	2022-23	2021-22	2020-21	2019-20	2018-19
Appeared	40	39	40	38	
Pass	20	37	39	36	
Pass percentage	50	94.9	97.5	94.7	



III Semester:

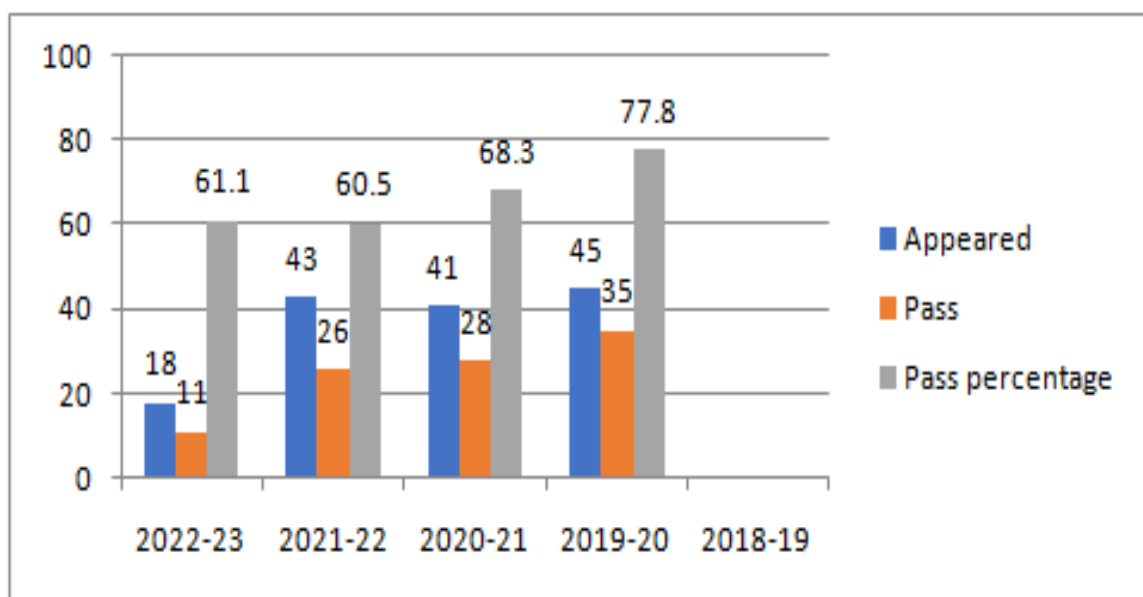
Year	2022-23	2021-22	2020-21	2019-20	2018-19
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Appeared	42	39	45	39	
Pass	37	28	39	37	
Pass percentage	88	71.8	86.7	95.9	



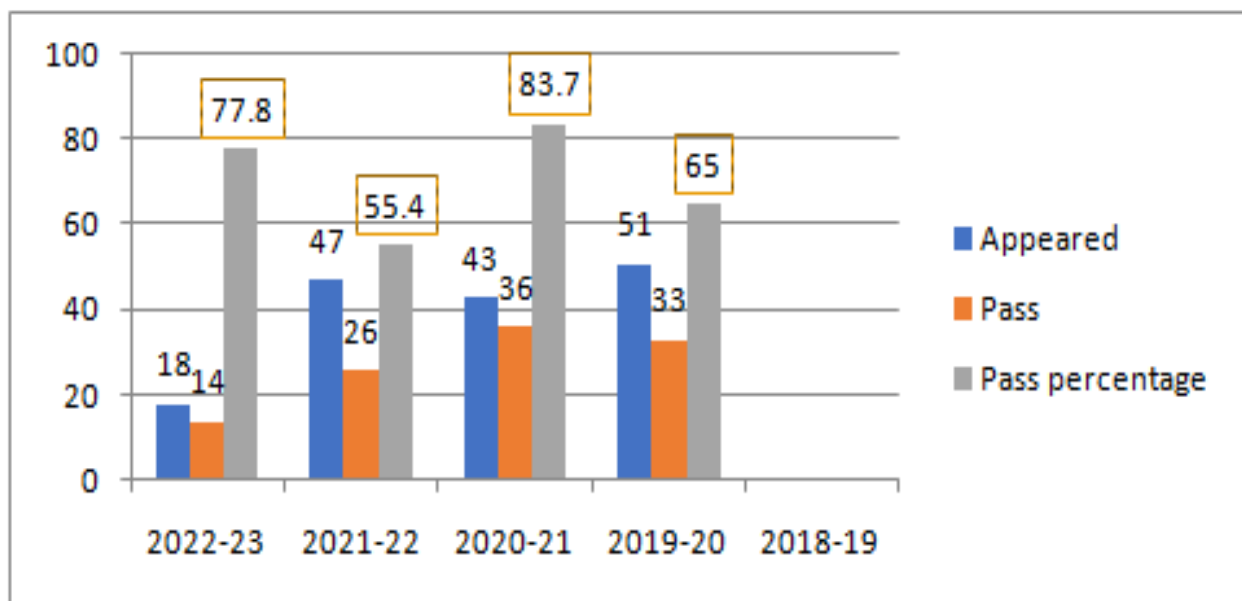
II Semester:

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Appeared	18	43	41	45	
Pass	11	26	28	35	
Pass percentage	61.1	60.5	68.3	77.8	



I Semester:

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Appeared	18	47	43	51	
Pass	14	26	36	33	
Pass percentage	77.8	55.4	83.7	65	



#### 17. SSS analysis and Action Taken Report (Current Year)

7/25/ 2024 11:55 :05	P ESWARI	FEM ALE	23030 4513	eswari3mscs@gmai l.com	B.Sc .,	2303045 13	939047 6002	20 22
7/25/ 2024 11:55 :59	M Babu	MAL E	23020 2559	babu739640@gmai l.com	B.C om.,	2022002 16925	739640 9157	20 22
7/25/ 2024 11:56 :39	C S LAVANYA	FEM ALE	23030 4503	lavanya3mscs@gm ial.com	B.Sc .,	2303045 03	935326 9006	20 22
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7/25/ 2024 11:59 :49	C YAMINI	FEM ALE	23030 4504	yamini3mscs@gma il.com	B.Sc .,	2303045 05	789363 0615	20 22
7/25/ 2024 12:01 :12	G GAYATHRI	FEM ALE	23030 4507	gayathri3mscs@gm ail.com	B.Sc .,	2303045 07	934724 8210	20 22
7/25/ 2024 12:02 :55	K BHARGAVI	FEM ALE	23030 4511	bhargavi3mscs@g mail.com	B.Sc .,	2303045 11	939284 5427	20 22
7/25/ 2024 12:05 :33	I VISHNU	MAL E	23030 4508	vishnu3mscs@gma il.com	B.Sc .,	2303045 08	901439 8393	20 22
7/25/ 2024 12:06 :57	G KARTHIK	MAL E	23030 4506	karthik3mscs@gma il.com	B.Sc .,	2303045 06	949194 5291	20 22
7/25/ 2024 12:09 :03	K HIMAGIRI	MAL E	23030 4510	himagiri3mscs@g mail.com	B.Sc .,	2303045 10	950220 7920	20 22
7/25/ 2024 12:10 :21	N PALLAVI	FEM ALE	23030 4512	pallavi3mscs@gma il.com	B.Sc .,	2303045 12	630121 9376	20 22
7/25/ 2024 12:11 :42	P EKALAVY A	MAL E	23030 4514	ekalavya3mscs@g mail.com	B.Sc .,	2303045 14	630538 5691	20 22
7/25/ 2024 12:13	B RUPA	FEM ALE	23030 4501	rupa3mscs@gmail. com	B.Sc .,	2303045 01	630288 3723	20 22

:51								
7/25/ 2024 12:16 :07	D SUNEEL KUMAR	MAL E	23030 4517	sunil3mscs@gmail. com	B.Sc .,	2303045 17	880152 3861	20 22
7/25/ 2024 12:17 :33	T AKHIL	MAL E	23030 4516	akhil3mscs@gmail. com	B.Sc .,	2303045 16	934768 0557	20 22
7/25/ 2024 14:17 :32	N. LOKESH KUMAR	MAL E	23300 2016	lokeshyadav232316 @gmail.com	B.Sc .,	2330020 16	756914 3108	20 23
7/25/ 2024 15:59 :05	B SAHASRA	FEM ALE	23030 4502	sahasra3mscs@gm ail.com	B.Sc .,	2303045 02	810637 0648	20 22
7/25/ 2024 16:00 :23	S SUMA	FEM ALE	23030 4515	suma3mscs@gmail .com	B.Sc .,	2303045 15	939872 7992	20 22
7/25/ 2024 16:01 :25	P HARI	FEM ALE	23030 4520	hari3mscs@gmail.c om	B.Sc .,	2303045 20	798995 5073	20 22
7/25/ 2024 9:13: 52	T LOKESH	MAL E	22030 4545	lokesh4mscs@gmai l.com	B.Sc .,	2203045 45	998588 0764	20 21
7/25/ 2024 9:15: 26	BR RAJASEKH AR REDDY	MAL E	22030 4504	rajasekhar4mscs@g mail.com	B.Sc .,	2203045 04	934704 4118	20 21
7/25/ 2024 9:16:	N LOKANAT H	MAL E	22030 4527	lokanath4mscs@g mail.com	B.Sc .,	2203045 27	938197 6758	20 21

56								
7/26/2024 14:39:26	K DHANUSH	MALE	220304522	dhanush4mscs@gmail.com	B.Sc.,	220304522	779916470	2021
7/26/2024 14:40:45	HJ LAVANYA	FEMALE	220304515	lavanya4mscs@gmail.com	B.Sc.,	220304515	8497932365	2021
7/26/2024 14:42:44	K YUGANARA SIMHA	MALE	220304519	yuganarasimha4mscs@gmail.com	B.Sc.,	220304519	7702357976	2021
7/26/2024 14:44:26	G THEJA	MALE	220304514	theja4mscs@gmail.com	B.Sc.,	220304514	7569722457	2021
7/26/2024 14:45:36	S HAFEEZ	MALE	220304539	hafeez4mscs@gmail.com	B.Sc.,	220304539	9347133731	2021
7/26/2024 14:46:42	S FAIROJ	MALE	220304538	fairoj4mscs@gmail.com	B.Sc.,	220304538	9398117505	2021
7/26/2024 14:47:50	P SAI MITHILESH	MALE	220304530	saimithilesh4mscs@gmail.com	B.Sc.,	220304530	8074490825	2021
7/26/2024 14:49:33	D VENKATARAMANA	MALE	220304510	venkataramana4mscs@gmail.com	B.Sc.,	220304510	6300218647	2021
7/26/2024 14:51:06	B HEMANTH	MALE	220304505	hemanth4mscs@gmail.com	B.Sc.,	220304505	9025809765	2021
7/26/2024 14:52:51	M VENKATESH	MALE	220304526	venkatesh4mscs@gmail.com	B.Sc.,	220304526	9550572178	2021
7/26/2024 14:54:03	K SATHISH	MALE	220304518	sathish4mscs@gmail.com	B.Sc.,	220304518	8015007879	2021

7/26/2024 14:55:26	A LIKHITH	MALE	220304502	likhith4mscs@gmail.com	B.Sc.,	220304502	9381855488	2021
7/26/2024 14:56:32	C MADHU	MALE	220304508	madhu4mscs@gmail.com	B.Sc.,	220304508	8074974144	2021
7/26/2024 14:59:34	C SUDEEP	MALE	220304507	sudeep4mscs@gmail.com	B.Sc.,	220304507	9182897059	2021
7/26/2024 15:00:45	S ALMIN	FEMALE	220304537	almin4mscs@gmail.com	B.Sc.,	220304537	9666245096	2021
7/26/2024 15:04:55	A MANIKANT A	MALE	220304549	manikanta4mscs@gmail.com	B.Sc.,	220304549	9652530743	2021
7/26/2024 15:06:29	J THARUN	MALE	220304517	tharun4mscs@gmail.com	B.Sc.,	220304517	6305498592	2021
7/26/2024 15:08:47	K BHUPATHI	MALE	220304521	bhupathi4mscs@gmail.com	B.Sc.,	220304521	9491378034	2021
7/26/2024 15:10:05	K YUVARANI	FEMALE	220304523	yuvarani4mscs@gmail.com	B.Sc.,	220304523	9133483613	2021
7/26/2024 15:11:24	E FARZANA	FEMALE	220304511	farzana4mscs@gmail.com	B.Sc.,	220304511	7660076713	2021
7/26/2024 15:12:30	HV LAHARI	FEMALE	220304516	lahari4mscs@gmail.com	B.Sc.,	220304516	9113224116	2021
7/26/2024 15:13:43	R BHUVANESWARI	FEMALE	220304533	bhuvaneswari4mscs@gmail.com	B.Sc.,	220304533	7794841824	2021



### 18. Research Activities

S.No.	Activity	2022-23	2021-22	2020-21	2019-20	2018-19	Remarks
1	Seminars conducted						
2	Webinars conducted						
3	Workshops conducted						
4	Capacity building programs conducted						
5	IPR programs conducted						
6	MRP's completed						
7	INSPIRE conducted						
8	Extension programs conducted						
9	No. of MOU's	03	0	03	03	03	03
10	No. of Collaborations						
11	Faculty Exchange Programs						
12	Student Exchange programs						
13							

### 19. Research Publications

S.No.	Activity	2022-23	2021-22	2020-21	2019-20	2018-19
	UGC care list Publications	01	01	03	02	01
	Web science Publications	0	0	0	0	0
	Scopus publications	0	0	0	0	0
	Peer Reviewed	0	0	0	0	0
	Conference publications	0	0	0	0	0
		0	0	0	0	0
	Total	0	0	0	0	0
		0	0	0	0	0
	H – Index (Aggregate)	0	0	0	0	0
	Citations Index	0	0	0	0	0
		0	0	0	0	0
	Books and Chapters Edited	0	0	0	0	0
		0	0	0	0	0
	Research Guides	0	0	0	0	0
	Funds received for Research activities	0	0	0	0	0

## 20. Department Library Information

## 21. Department Stock List and Infrastructure

1	Desk top	<ul style="list-style-type: none"><li>• Brand: HP</li><li>• Model: DESKTOP-B3DVHBQ</li><li>• Processor: AMD Ryzen 3 Pro</li><li>• RAM: 4GB</li><li>• OS: Windows 10</li><li>• Type: 64-bit</li></ul>
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2	Hybrid Desktop	<p>Brand: HP</p> <p>Model: DESKTOP-P91T0R7</p> <p>Processor:</p> <p>Intel(R) Core(TM) i5-8250U CPU</p> <p>RAM: 8GB</p> <p>OS: Windows 10 Pro</p> <p>Type: 64-bit</p> <p>Pen support</p>
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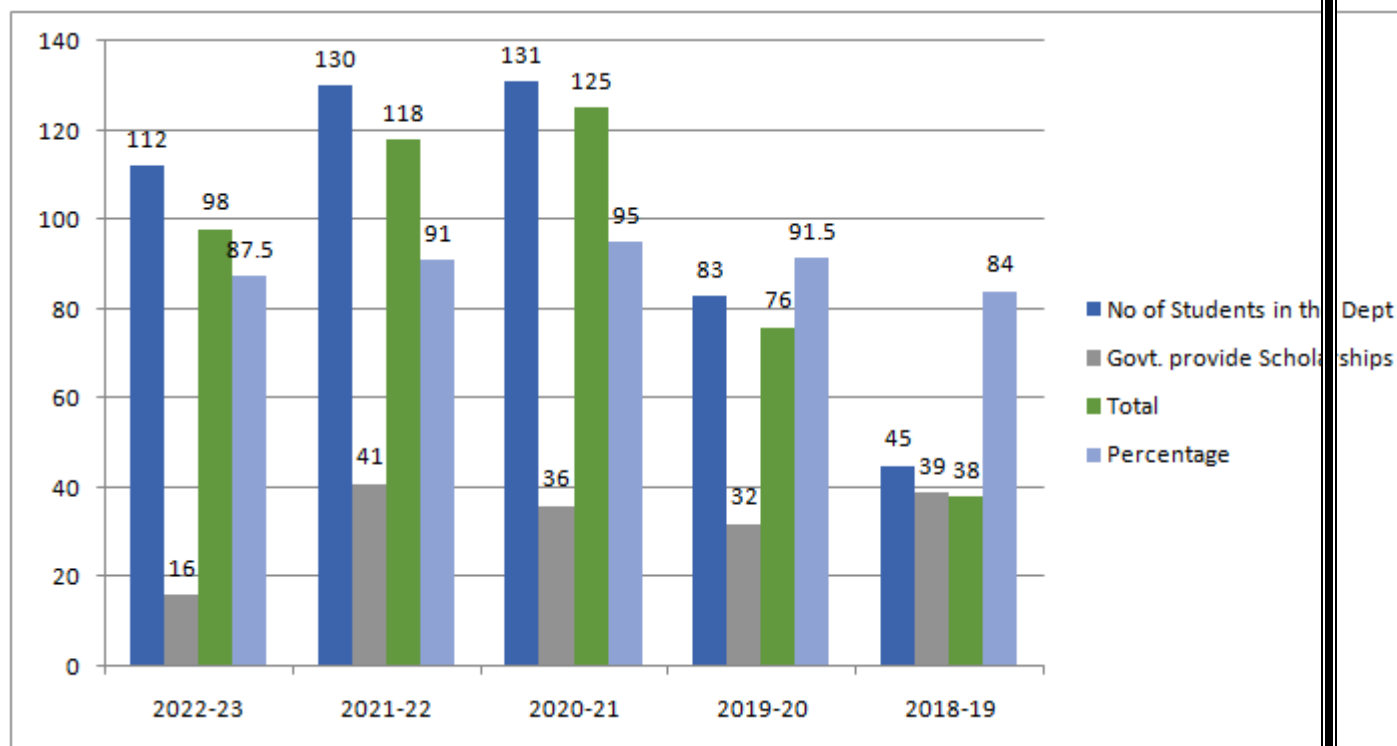
3	Printer	<p>Brand: HP</p> <p>Model: LaserJet M1136 MFP</p> <p>Multifunction: Print, Scan, Copy</p> <p>Print &amp; Copy Speed: Up to 18PPM</p> <p>Resolution: Up to 600x600 DPI</p>
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4	Interactive Desktop	<p>Brand: MAXHUB</p> <p>Model: DESKTOP-9HD1UFT</p> <p>Processor:</p> <p>Inter(R) Core(TM) i3-8100 CPU</p> <p>RAM: 8GB</p> <p>Type: 64-bit</p> <p>n &amp; Touch support with 20 touch points</p>
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5	Ethernet Facility	<p>Brand: BSNL Broadband(117.218.235.95)</p> <p>Download Speed: 40MBPS</p> <p>Upload Speed: 50MBPS</p> <p>Unlimited Internet</p>
6	Cass Room facility	<p>e Class room with ICT facility</p>

## 22. Scholarships and free ships

Year	2022-23	2021-22	2020-21	2019-20	2018-19
Number of students in the department	112	130	131	83	45
Govt. provide Scholarships	16	41	36	32	39
Institution provided Scholarships	0	0	0	0	0
NGO's provided Scholarships	0	0	0	0	0
Total	98	118	125	76	38
Percentage	87.5	91	95	91.5	84



### 23. Student Progression and Career counselling details

Year	2022-23	2021-22	2020-21	2019-20	2018-19
No. career counselling programs conducted	01	01	01	0	0
No. of Students get benefitted students	17	21	18	0	0
Percentage of benefitted students	45	51	50	0	0
No. of Competitive programs conducted					
No. of Students get benefitted students					
Percentage of benefitted students					
No. of capacity building programs conducted					
No. of Students get benefitted students					
Percentage of benefitted students					
No. of outgoing students per year	38	41	36	13	20
Students Progression Number					
Percentage of Progression rate					
No. of students appeared for competitive exams	05	04	05		
No. of students qualified in competitive exams	01	02	01		
No. of students achieved Jobs in competitive exams					

### 24. Sports and Games

## 25. Alumni Register and contribution details

## 26. Department Vision and Mission and Departmental Administrative policies

**Vision:** Statistics Department aims to gather data, analyze it creatively, and make predictions that help people make better decisions, reaching out to share our findings widely.

**Mission:** Conduct cutting-edge research in statistical methods, data analysis, and prediction techniques to advance knowledge and inform decision-making processes. Engage in community outreach initiatives to share expertise, promote statistical literacy, and facilitate the practical application of statistical insights for societal benefit.

**Objectives:** Develop and implement innovative statistical methods for effective data collection, analysis, and prediction. Foster interdisciplinary collaborations to address complex societal challenges through statistical research and application. Provide high-quality education and training programs to equip students with the skills and knowledge necessary for success in statistical careers. Enhance outreach efforts to promote statistical literacy and facilitate the ethical and responsible use of data in decision-making. Contribute to the advancement of statistical theory and methodology through rigorous research and publication in academic and professional forums.

### **Departmental Administrative policies:**

Educational excellence in a Department of Statistics typically involves several key elements that contribute to a high-quality educational experience for students. Here are some common aspects that define educational excellence in this context:

1. **High-Quality Faculty:** Having experienced and knowledgeable faculty members who are actively engaged in research and professional development. Faculty should have strong academic credentials and a track record of publications and contributions to the field.
2. **Comprehensive Curriculum:** A well-rounded and up-to-date curriculum that covers both foundational and advanced topics in statistics. This should include theoretical courses as well as practical applications, data analysis, statistical software, and emerging areas in the field.
3. **Research Opportunities:** Providing students with opportunities to engage in research projects, either independently or under the guidance of faculty. Research opportunities help students apply theoretical knowledge to real-world problems and contribute to their academic and professional growth.
4. **Student Support Services:** Providing resources and support such as academic advising, career counseling, tutoring, and workshops. These services help students succeed in their studies and transition smoothly into their careers.
5. **Active Learning Environment:** Encouraging an interactive and participatory learning environment where students can engage in discussions, collaborative projects, and hands-on activities. This approach enhances understanding and retention of statistical concepts.
6. **Professional Development:** Offering opportunities for students to develop professional skills such as communication, teamwork, and problem-solving. This can include workshops, seminars, and involvement in professional organizations.
7. **Assessment and Feedback:** Implementing effective assessment methods to evaluate student learning and providing timely and constructive feedback. Continuous assessment helps in identifying areas for improvement and ensuring that learning objectives are being met.
8. **Diverse Perspectives:** Incorporating diverse perspectives and applications of statistics in the curriculum to address various fields and problems. This includes considering different statistical methodologies and their applications across different sectors and cultures.
9. **Ethics and Integrity:** Emphasizing the importance of ethical practices in statistical analysis and research. Educating students about the responsible use of data and the implications of statistical findings in society.

By focusing on these elements, a Department of Statistics can achieve educational excellence and prepare students effectively for careers in academia, industry, and government.

#### 27. RC/ OC/FDP/ ToT/ Other training Programmes Information

Year	2022-23	2021-22	2020-21	2019-20	2018-19
No. of programmes attended	ToT - 03	NATIONAL SEMINAR - 03 NATIONAL	FDP - 13 WEBINAR - 03	CAPACITY BUILDING - 03 INTERNATIONAL	DST - 03 NATIONAL SEMINAR -

		CONFERENCE - 03		WEBINAR - 03 RC - 07	03 NATIONAL LEVEL WORKSHOP - 05
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## 28. Academic Audit Information

## 29. Academic Administrative Responsibilities Information

Dr V. MUNAIAH - 1. COORDINATOR - NIRF

2. COORDINATOR - AISHE

3. CONVENOR - BIOMETRIC

## 30. Gender Equity Programmes and Days to be celebrated Information

S.NO	Date	Name of the program	Conducted departments	Supporting department	No. Of students participated	No. Of students benefited	Remarks
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1	08/03/2024	International Women's day	Women empowerment cell	All department	34	34	
2.		Disha awareness program for girls students	Women empowerment cell	All department	85	85	

### Women's day Celebrations









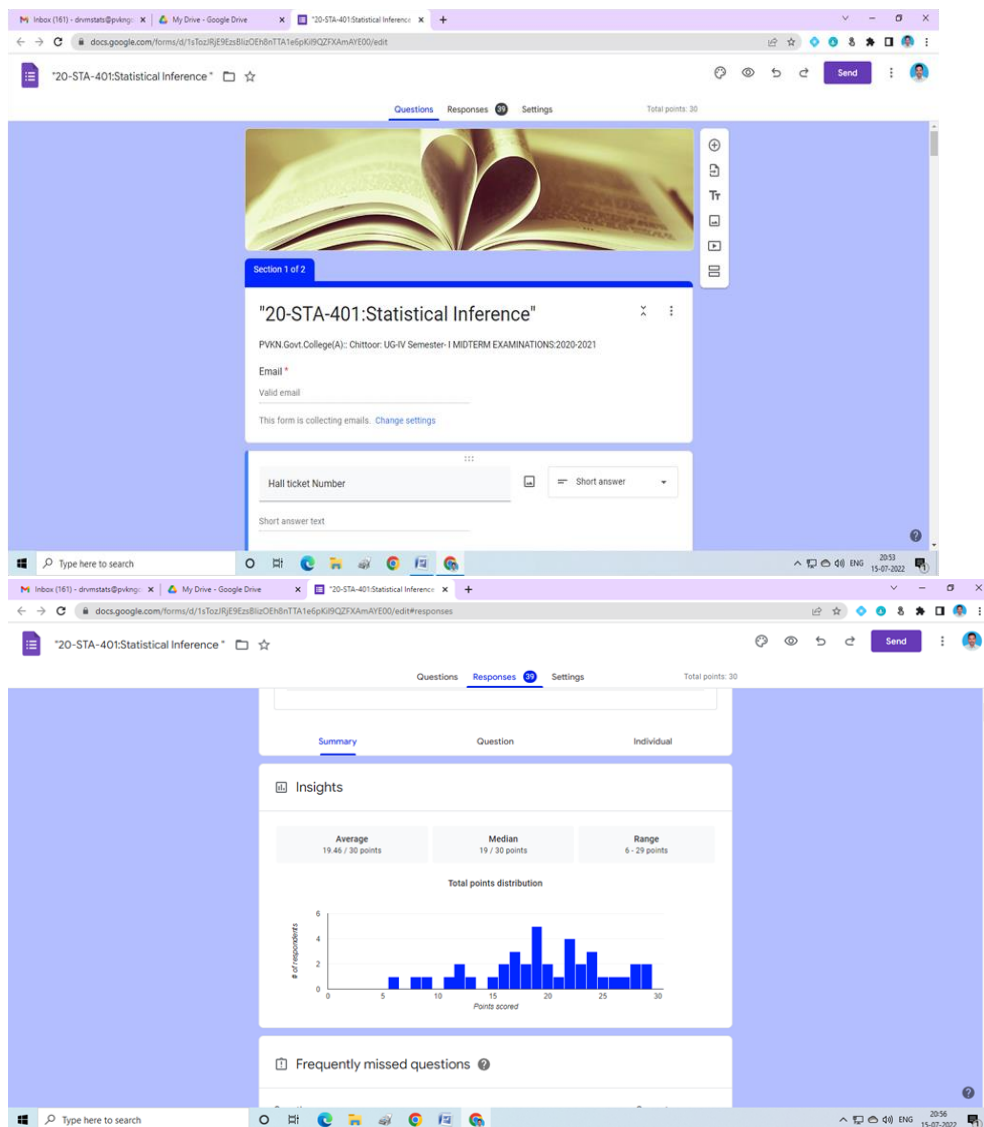


### 31. Departmental Best Practices ( NAAC Format)

- The departmental best practices, including vision and mission statements, curriculum design, teaching methodologies, research activities, student support services, infrastructure facilities, assessment mechanisms, case studies, feedback from students, including faculty, students, alumni, employers, and industry partners, innovations, student satisfaction, employability, industry engagement, infrastructure utilization, and resource allocation.
- We identify strengths, weaknesses, opportunities, and threats, guiding strategic planning and quality enhancement efforts.

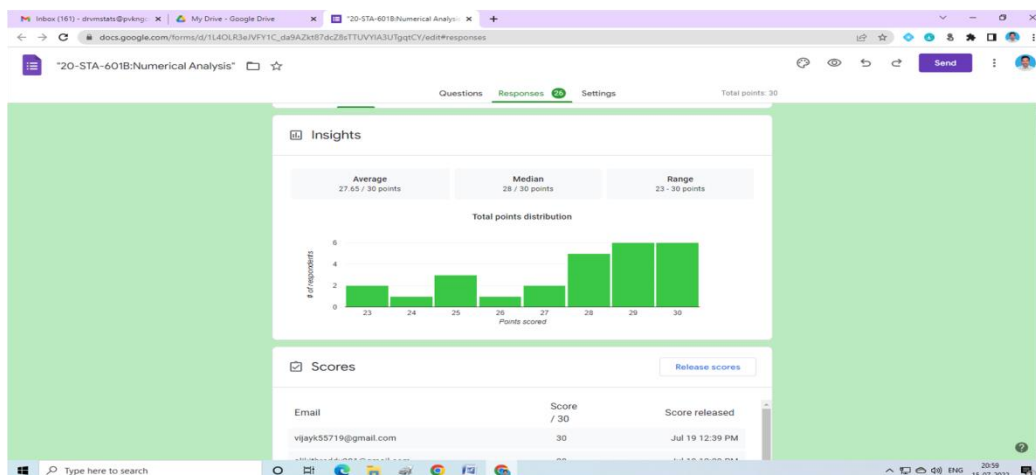
### II B.Sc (20-21) IV Sem Online I Mid Exam

Link: <https://forms.gle/j7HXmv5TNuhgBYTR7>

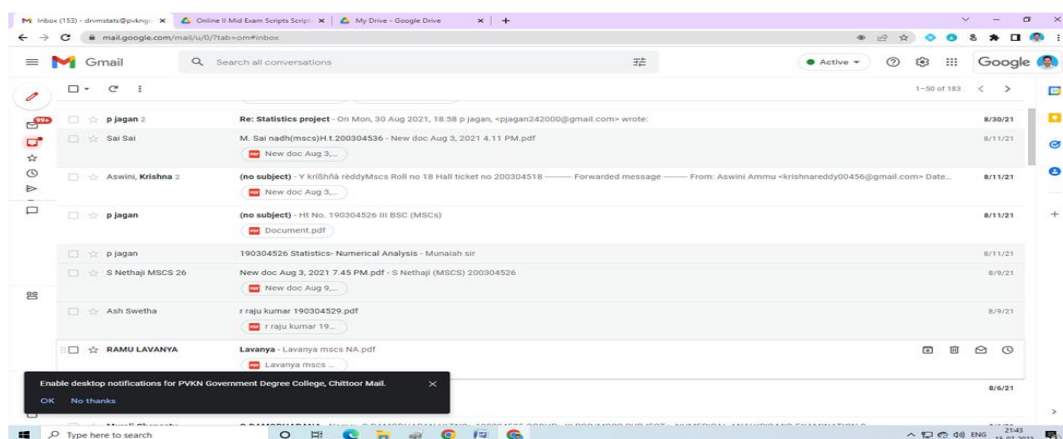


### III B.Sc (MSCs) VI Sem Cluster -20-STA-601B: Numerical Analysis (Online Exam Score)

Link: <https://forms.gle/uESsjMHL6DevERNB9>



## Online II Mid Descriptive Exam Scripts (2020-21) (Aug 3-2021)



## 32. Faculty Profiles

### PVKN GOVERNMENT COLLEGE (AUTONOMOUS)

#### CHITTOOR (A.P)

#### FACULTY PROFILE



1. Name :  
**Dr. V. MUNAIAH**

2. Parent's Name  
(a) Father : **V.CHEERALAIAH**

(b) Mother : V.SUBBAMMA

3. Designation : Assistant Professor

4. Employee ID : 1156183

5. Nationality : Indian

6. Gender : Male

7. Community : SC

8. Present Address : Department of Statistics, SVA. Govt. College,  
Srikalahasti,

Email:

[drvmstats@gmail.com](mailto:drvmstats@gmail.com)

Mobile:

9248525294

## II. Educational Qualifications:

Ex am · Pa sse d  (Pleas e Specif y	Name of the Board / Universit y	Mo nth &Y ear Pass ed	Class/Di v	% of Ma rks	Subject /Studied

Degree Name )					
10 <sup>th</sup> Class	SSC,AP	1990	Second	50	As per State Syllabus
Inter	BIE,AP	1993	Second	50	MPC
Bachelor's degree	S.V.University, Tirupati	1997	Second	56.5	MES
Master's Degree	S.V.University, Tirupati	1999	First	76.4	Statistics
Ph.D.	S.V.University, Tirupati	2009	First	77	Statistics*

**\*Distance Function Approach to Measure Efficiency.**

### **III. Departmental Tests Passed: Accounts Test for Executive Officer(Paper Code:141) Result Page**

**58/76 with HT.No.11008201 Held on 24-11- 2020 FN**

**Conducted by**

**APPSC Notification.No.06/2020.**

### **IV. Teaching Experience:**

Name of the University / Institution	Designation	Nature of post Temporary /Permanent	Duties Performed apart from normal teaching	Length of experience	
				From	To
S.G.S. Arts College, Tirupati	Lecturer	Temporary	- -	2004	2011
S.V.A. Govt. College (M). SriKalahasti.	Assistant Professor	Permanent	AISHE Coordinator,	2011	2017



<b>PVKN. Govt. College (A),Chittoor</b>	<b>Assistant Professo r</b>	<b>Permanen t</b>	<b>IAMS Coordinato r APSSDC Coordinato r NIRF Coordinato r AISHE Coordinato r</b>	<b>201 7</b>	<b>202 3</b>
<b>Total:</b>			<b>18</b>	<b>2004</b>	<b>202 3</b>

### III. Administrative Experience ,if any

S. N o	Name of the	Design ation	Nature of	Nature of	Length of experience	
			post	Assign ment		
			/Perman ent		Y e a rs	Mon ths
1.	SVA. Govt. College (M), SriKalahasti.	Assistant Professor	Perm anent	AISHE Coordi nator	03	
2.	S.V. University, Tirupati	BOS, Member	Tem porar y	Design Syllabu s	03	
3.	PVKN.Govt.C ollege (A), Chittoor	BOS, Chairma n	Perm anent	Design Syllabu s	04	
4.	Vikrama Simhapuri University, Nellore	BOS, Member	Tem porar y	Design Syllabu s	03	
5.	Rayalaseema University,	BOS, Member	Tem porar	Design Syllabu	01	

	<b>Kurnool</b>		<b>y</b>	<b>s</b>		
<b>Total:</b>					<b>14</b>	

#### **IV. Papers Published in National/International and UGC Listed Journals**

<b>S.N O.</b>	<b>Title of the Article</b>	<b>Journal Name</b>	<b>ISSN/I SBN NO. with Impact Factor</b>	<b>UGC/U GC CARE Listed Journal</b>	<b>Mon th and Year</b>
<b>1.</b>	<b>A Note on the estima tion of Regression parameters</b>	<b>IJSA</b>	<b>2248- 9959</b>	<b>-</b>	<b>Nov- 2013</b>
<b>2</b>	<b>Scale Efficiency Measurem ent in Indian Commerci al Banks- A DEA Appro ach</b>	<b>ACADEMI CIA</b>	<b>2249- 7137. (5.099)</b>	<b>-</b>	<b>Feb- 2015</b>
<b>3</b>	<b>Peer Analysis of Foreign Banks In India- Data Envelop ment Analysis</b>	<b>SJBIR</b>	<b>2319- 1422  (2.380)</b>	<b>-</b>	<b>Jan2 017</b>

4	Estimation of Cobb-Douglas Production Function in Econometric Model	IJRASET	2331-9653 (6.887)	-	Dec-2017
5	Diabetes dataset Classification And Analysis	IJRASET	2331-9653 (6.887)	-	Dec-2017
6	Residual Measures for the Time Series Predictions	IJRASET	2331-9653 (6.887)	-	Dec-2017
7	Residual Measures For the Time Series Predictions	IJRASET	2331-9653 (6.887)	-	Dec-2017
8	Forecasting the Yield of Sunflower oil seed in A. Pulsing ARIMA Model	The Andhra Agricultural Journal	0003-2950 (4.14)	-	June 2019
10	A Review About Basics of Biostatistics	International Journal of Modernization in Engineering Technology And Science (IRJMETS)	2582-5208 (5.354)	-	June 2021

11	Future of Biostatistics	International Journal for Innovative Research in Multidisciplinary Field(IJIRMF)	2455-0620 (6.497)	UGC	June 2021
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#### IV. Webinars Attended:

S. N O	Title of the Webinar	Resource Person /Organisation	Date	Conducted by	Mode of Participation	Year of Participation
1.	“Diagnostic Techniques for Virus Detection”	Department of Botany & Zoology	14-05-2020	SCNR. GDC, Proddatur, YSR Kadapa	Online	2020
2.	“Impact of COVID19 on Indian Economy: Survival Strategies for Banking, Education, Pharma And Retail Sectors”	Internal Quality Assurance Cell (IQAC)	19-05-2020	SRR & CVR.GDC(A). Vijayawada.	Online	2020
3.	“Mathematical Modelling of Infectious diseases: application to	Department of Ma	27-05-2020	Patrician College of Arts and Sciences, Chennai.	Online	2020

	<b>COVID-19”</b>	<b>the mat ics</b>				
<b>4</b> <b>.</b>	<b>“Post lockdown Academic Challenges in  Higher Education Institutions”</b>	<b>Intern al Qualit y Assur ance Cell(I QAC)</b>	<b>28- 05- 2020</b>	<b>Govt. College for Women (A),Gun tur</b>	<b>Online</b>	<b>2020</b>
<b>5</b>	<b>“Industry Academia Innovative Practices for the  Prospect of Students”</b>	<b>Interna l Quali ty Assu rance Cell  (IQA C)</b>	<b>03 - 06 - 2 0 2 0</b>	<b>PVKN.Govt . College (A), Chittoor</b>	<b>Online</b>	<b>2020</b>
<b>6.</b>	<b>“Effective Enlightenin gExpertise for  Faculty”</b>	<b>Interna l Quali ty Assu rance Cell  (IQA C)</b>	<b>14 - 06 - 2 0 2 0</b>	<b>KGRL. College(A),  Bhimavaram</b>	<b>Online</b>	<b>2020</b>
<b>7.</b>	<b>“Statistical Data Analysis Tools:  SAS &amp; SPSS”</b>	<b>Depart ment of  Statis tics</b>	<b>09 - 08 - 2 0 2 0</b>	<b>S.G.GDC,Pil er</b>	<b>Online</b>	<b>2020</b>
<b>8.</b>	<b>“Advances in Statistics and Data Science for Sustainable Human  Development”</b>	<b>ISPS &amp; Department of Statistics</b>	<b>07 to1 0-  09 - 20 20</b>	<b>S.V. University, Tirupati</b>	<b>Online</b>	<b>2020</b>

9.	<b>“Artificial Intelligence for Modelling Time series Data in Agriculture”</b>	<b>Department of Statistics &amp; Computer Applications</b>	<b>10-12-2021</b>	<b>S.V. Agriculture College, ANGRAU, Tirupati</b>	<b>Online</b>	<b>2021</b>
10.	<b>One Day National Workshop entitled “Bloom’s Taxonomy - A Tool for Outcome Based Education (OBE)”</b>	<b>Internal Quality Assurance Cell (IQA C)</b>	<b>16-12-2021</b>	<b>D.K.Govt. College for Women(A), Nellore</b>	<b>Online</b>	<b>2021</b>
11.	<b>“ My Action for Survival with respective of World Environmental Day”</b>	<b>Internal Quality Assurance Cell (IQA C)</b>	<b>06-06-2022</b>	<b>PVKN. Govt.College (A), Chittoor</b>	<b>Online</b>	<b>2022</b>
12.	<b>National Webinar on “Smart Agriculture with Artificial Intelligence(AI)”</b>	<b>Department of Statistics &amp; Computer Applications</b>	<b>28-10-2022</b>	<b>S.V. Agriculture College, ANGRAU, Tirupati</b>	<b>online</b>	<b>2022</b>

**V. Papers Presented in Seminars and Conferences:**

<b>S.No</b>	<b>Conference Title</b>	<b>Organised By</b>	<b>Title of the Conference Paper</b>	<b>Date and Year</b>
1.	<b>National Seminar on Recent Development in the External Sector of Indian, Economy (ESIE-2014)</b>	<b>Department of Economics, GDC, Puttur</b>	<b>Impact of Science and Technology on Indian Econo</b>	<b>27-09-2014</b>

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2 .	<b>International Conference on Statistics &amp; Information Technology for A Growing Nation</b>	<b>Department of Statistics,(UGC-SAP-DRS-I &amp; DST-FIST) S.V.U,Tirupati</b>	<b>Power of the Test for Zero-Inflated Poisson and Zero-Inflated Negative Binomial in count Regression Models</b>	<b>30 Nov-02 Dec, 2014</b>
3 .	<b>UGC Sponsored National Seminar on “The Role of Statistical Tools in Data Analysis of Research and Projects and Thesis</b>	<b>Department of Statistics, PVKN Govt. College Chittoor.</b>	<b>ANCOVA Technique with Multiple Covariates For Data Analysis</b>	<b>26-2, June- 2015</b>
4 .	<b>A National Seminar on “Higher Education System in the Light of Re-Organization of the States: Trends, Opportunities and Challenges”</b>	<b>AP-GCTA, Vijayawada</b>	<b>-</b>	<b>11March2 018</b>
5 .	<b>National Seminar on “GST in India- Implications”</b>	<b>Department of Commerce, P.V.K.N.Govt. College,Chittoor</b>		<b>20- 21April- 2018</b>

6 .	<b>National Conference on “Challenges and Opportunities in Statistics and Informatics for Futuristics Humanosphere Especially in Agriculture”(COSI FHA)</b>	<b>Department of Statistics and Computer Applications,AN AU, Tirupati</b>	<b>Forecasting the Yield of Sunflower oil seed in A. Pusing ARIMAM odel</b>	<b>29-31Jan-2019</b>
7 .	<b>National Conference on “Recent Advances on Statistical Significance in Research(RASSR-2020)”</b>	<b>Department of Statistics, S.V.University, Tirupati</b>	<b>Splines for Interval Data</b>	<b>17-18Jan-2020</b>
8 .	<b>National seminar on ”Recent Trends in Commerce, Computer Applications and Business Analytics in the Era of Digital Economy”</b>	<b>Department of Commerce, P.V.K.N. Govt.College,Chittoor</b>	<b>A Study on Concepts and Types of Big Data Analysis</b>	<b>27Feb-2020</b>
9 .	<b>National Statutory Conference on“NEP-2020 &amp; the future of Higher Education-Post Covid Scenario”</b>	<b>APGCTA, GCGTA &amp; ACTA-AP (AIFUCTO)</b>	<b>-</b>	<b>7 to 9 January-2022</b>
10 .	<b>National Seminar on “National Education Policy-2020: A Road Map to Revamp the Indian Education System”</b>	<b>SVU &amp;SPMVV, Tirupati</b>	<b>-</b>	<b>22-23 March-2022</b>



1 1 .	<b>National Conference on” Redesigning of Academic Management in HEIs” with prospective of new education policy- 2020(RAHM-2022)</b>	<b>Internal Quality Assurance Cell (IQAC), P.V.K.N. Govt. College, Chittoor,</b>	-	<b>30-31 March-2022</b>
1 2 .	<b>International Workshop on” Integrated Approaches of Stochastic Modelling and Data Science for sustainable Development”</b>	<b>Department of Statistics, SVU &amp; ISPS.</b>	-	<b>7-11 September -2022</b>
1 3 .	<b>National Seminar on “ Digital Transaction and Cyber Crimes”</b>	<b>Department of Commerce, NPS Govt. College, Chittoor</b>	-	<b>12-13 November -2022</b>
1 4	<b>1<sup>st</sup> State Conference of ABRSM</b>	<b>SV University, Tirupati</b>	-	<b>19- February-2023</b>

#### **VI. Faculty Development Programmes Completed:**

<b>S. No.</b>	<b>Organized by</b>	<b>Name of the Faculty Development Course(F DP)</b>	<b>From</b>	<b>To</b>	<b>Mode of Learning-Offline/Online</b>
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1.	Central University Of Punjab, Bathinda	“Biostatistics and Mathematical Biology”	15-07-2019	10-10-2019	Online
2.	IIT, Bombay	“Introduction to Bio Statistics”	29-07-2019	29-09-2019	Online
3.	GDC(A), Rajahmundry	“Open Learning with Open Online Tools”	03-05-20	04-05-20	Online
4.	JNTUH College of Engineering, Sulthanpur, Sangareddy(Dt)	“SCILAB-An Open Source Substitute for MATLAB”	25-05-20	30-05-20	Online
5.	Govt. First Grade College, Hungund, Karnataka	“MOOCs, E-Content Development and OER”	28-05-20	03-06-20	Online
6.	APSSDC, Vijayawada	“Python Programming”	12-06-20	27-06-20	Online
7.	APSSDC & EXCEL R, Bangalore	“Data Science”	01-06-20	30-06-20	Online

#### VII. Short Term Courses Completed:

S.No.	Organized by	Name of the Short Term Course	From	To	Mode of Learning-Offline/Online
1.	REST Society for Research International (RSRI), Tamilnadu,India.	Statistical Analysis for Research	18-05-20	22-05-20	Online

**VIII. Professional Competency (for example RC, OC, Training programs, etc)**

S. No.	Course Attended	Conducted by	From	To	Grade
1.	Induction Training Programme	Govt. Degree College(M) Anantapur	26-12-2011	31-12-2011	-
2	72 <sup>th</sup> Orientation Programme	ASC,S.V.University,Tirupati	27-05-2013	22-06-2013	A
3	State Level Workshop for the Mathematics Lecturers	APCOST & CCE,Hyderabad.	22-02-20	23-02-20	-

			13	13	
4	Foundation Course on “Human Values and Professional Ethics” (HVPE).	P.V.K.N Government College, Chittoor	15-07-2013	17-07-2013	-
5	Refresher Course in Disaster Management	HRDC, S.V. University, Tirupati	11-07-2016	30-07-2016	A
6	“Training of Master Trainers for the Census of India 2021-Phase II”	MCR, HRDIT, Hyderabad	02-12-2019	07-12-2019	
7	Refresher Course on “Teacher and Teaching in Higher Education”	Savitribai Phule Pune University (ARPIT, Online)	01-09-2019	31-12-2019	B
8.	Refresher Course on “Data Analysis for Social Science Teachers”	HRDC, University of Hyderabad (ARPIT, Online)	01-10-2019	20-01-2020	D
9.	Refresher Course on “Applications of Statistical Techniques in Real World”	Teaching Learning Centre, Ramanujan College, University of Delhi	01-05-2021	15-05-2021	A
10.	“Orientation/Retraining to Teachers on NAAC Revised Quality Framework”	Internal Quality Assurance Cell (IQAC), PVKN. Govt. College (A), Chittoor	11-06-2022	11-06-2022	-

11.	<b>“Five Day Residential Training Programme On Content Delivery and Assessment methods pertaining to skill Courses for III semester” “Analytical Skills”</b>	<b>CCE, Vijayawada, A.P GDC(M), Anantapur</b>	<b>12-10-2022</b>	<b>16-10-2022</b>	<b>-</b>
12.	<b>Two Day Workshop On “ Learning Management System and Innovative Pedagogies”</b>	<b>CCE,A.P , Mangalagiri ANU, Guntur.</b>	<b>28-12-2022</b>	<b>29-12-2022</b>	<b>-</b>
13.	<b>Three Day Non-Residential Training of the Trainers(TOT) on “Internship/Apprenticeship Management and Learning Management System”</b>	<b>NRC, PVKN. Govt. College(A), Chittoor, CCE,AP.</b>	<b>02-02-2023</b>	<b>04-02-2023</b>	

**IX. Chapter of an Edited Book: Nil**

**X. Workshops Attended:**

S.No	<b>Title of the Workshop</b>	<b>Organized by</b>	<b>Organized on</b>	<b>Organized at</b>
1.	<b>National workshop on Advanced stochastic models &amp;its application (Bio-</b>	<b>Department of Statistics, S.V.U, Tirupati &amp; Indian society for Probability and Statistics (ISPS).</b>	<b>9-12 Aug, 2012</b>	<b>S.V. University,Tirupati.</b>

	<b>Statistics).</b>			
<b>2</b> <b>.</b>	<b>National Workshop on “Recent Advances in Conservation of Biodiversity and Evolution Biology”</b>	<b>Department of Zoology, GDC(W), SriKalahasti</b>	<b>24-25Nov-2014</b>	<b>GDC(W), SriKalahasti</b>
<b>3</b>	<b>Workshop on “Multivariate Statistical Analysis Tools in Current Industrial Research”</b>	<b>Department of Mathematics, School of Advanced Sciences, VIT University, Vellore</b>	<b>12Mar-2016</b>	<b>VIT University,Vellore</b>
<b>4</b> <b>.</b>	<b>National Workshop on “Emerging Trends in Higher Education: The Role of IQAC”</b>	<b>Department of Economics &amp; English, GDC(W),Chittoor.</b>	<b>6-7 Nov-2019</b>	<b>GDC(W),Chittoor.</b>

5.	Workshop on  “Sensitizing Higher Education Institutions to Promote Quality Assurance for Nation Building – Opportunities and Challenges”	SVU.College of Engineering,Tirupati.	9-10 Nov-2019	SVU.College of Engineering,Tirupati.
6.	National Workshop on “Advances in Data Science Techniques” (ADAST-2020).	Department of Statistics,  S.V. University, Tirupati.	15-16Feb-2019	S.V. University,Tirupati
7.	National Workshop on “Capacity Building - Education Policy 2019 & Examination Policy”  (CBNEP - 2020)	PVKN. Govt. College(A), Chittoor	5 Feb-2020	PVKN.Govt.College(A),Chittoor
8.	National Workshop on  Trends in Climate Change in View of	Department of Botany,  PVKN.Govt.College(A),Chittoor	29 Feb-2020	PVKN.Govt. College(A),Chittoor

	Statistical Scenario”(TCS S-2020).			
9	INYAS-CUPB Lecture Workshop ‘tangled bank’(Online)	INYAS & Department of Botany, Central University of Punjab. Bathinda.	31 May-05 June-2020	Central University of Punjab, Bathinda
10	INYAS-CUPB Virtual Workshop #Blue Planet	INYAS & Department of Geology, Central University of Punjab, Bathinda	7-9 June -2020	Central University of Punjab, Bathinda

#### XI. Publications as an Author of a Book

Title of the Book	Published( No. of Publications)	Accepted/In Print (No. of Publications)	ISBN/ISSN No	Publishers Name
Distance function Approach to Measure Efficiency	-	-	978-3-659-38981-8	LAMBERT Academic publishing.

#### XII. Expert Lectures Delivered in Colleges/Institutions:

S. No.	Topic of the Lecture	College/Institution	Date	Audience/Learners
1.	“Design of Experiment”	S.G.S Arts College, Tirupati	March -2016	UG Students



2.	“Testing of Hypothesis”	S.G.S Arts College, Tirupati	March -2017	UG Students
3.	“Opportunities for Statistics Graduates Public and Private Sector”	Dravidian University	23-12-2018	UG Students
4.	“Stages in Statistical Investigation”	MCR,HRD IT, Hyderabad	03-12-2019	Master Trainers

**XIII. As a Resource Person/Chairing a Session in Seminars/ Conferences:**

S. No	Resource Person /Chairing a Session	Name of The Seminar /Workshop/ Conference	Organized By	Sponsoring Agency	Date
1	Co-Chairing a Session	“Recent Advances on Statistical Significance in Research (RASSR-2020)”	Department of Statistics, S.V. University Tirupati	UGC	17-18Jan-2020

**XIV. Designing of Certificate/Diploma Course:**

S.No.	Name of the Certificate/ Diploma Course Designed	Duration of the Certificate/ Diploma	Intended Learners	Year
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<b>1</b>	<b>Data Analysis using Software packages</b>	<b>10 weeks</b>	<b>UG &amp;PG Students</b>	<b>2020</b>
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**XV. As a Resource Person for a Certificate/Diploma Course:**

<b>S.No.</b>	<b>Name</b>	<b>Duration of the Certificate/Diploma</b>	<b>Inten ded Lear ners</b>	<b>Fro m</b>	<b>T o</b>
<b>1</b>	<b>Data Anal ysis using Softw are pack</b>	<b>10weeks</b>	<b>UG &amp;PG Students</b>	<b>2020</b>	

	ages				
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**XVI. Supervisor for Research Degrees (M.Phil /PhD):Nil**

Name of the Degree	Awarde d (No. of candida te)	Under Supervi sion (No. of candida te)	Ye ar	Name of the Univer sity
M.Phil./Equiva lent Ph.D.				

**XVII. Consultancy Activities:Nil**

S. No .	Consu ltancy in the Subject/ Area of Study	Funding Organization/ Agency	Cons ultancy with the Organiz ation	Y e a r

**XVIII. Academic Distinctions:(Awards, Honors, etc):Nil**

S.No	Name of the Award	Awarded by	Year
1.	Best Teacher Award	AIFPA, Chittoor	September-2022

2	Alumni Service Excellence Award	Statistics Alumni, SVU, Tirupati	September-2022
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**XIX. Research Projects Carried Out: Nil**

Title of the Project	Name of the Funding Agency	Duration		
		From	To	No. of years/ months/ days

**XX. Membership in Professional Bodies:**

S. No.	Name of the organization	Subject/Area of Study	Membership Type (Life Time/Annual)	Year of Enrolment
1.	Indian Science Congress Association (ISCA)	Mathematical Sciences	Lifetime (L31934)	2017
2.	Indian Society for Probability and Statistics (ISPS)	Mathematical Sciences	Lifetime (LM/29/1433/2021)	2021

**XXI. Any Other Information Not Covered Above: Nil**

<b>Name Of The Lecturer</b> :	
	Dr S. CHANDRABABU
<b>Father's Name</b>	S. NARASIMHULU

:	
<b>Date Of Birth</b> :	20/05/1973
<b>Birth State</b> :	ANDHRA PRADESH
<b>Birth District</b> :	CHITTOOR
<b>Nationality</b> :	INDIAN
<b>Religion</b> :	HINDU
<b>Caste And Category</b> :	BC/D, YADAVA
<b>Address</b> :	16-139, SWAMYMESTRY STREET  CHITTOOR, 517001.  MOBILE:9494403393  MAIL ID: chandugdm@gmail.com
<b>Academic Qualifications</b> :	M. Sc – STATISTICS AND MATHEMATICS
<b>Research Qualification</b> :	Ph. D – STATISTICS
<b>Title Of The Research</b> :	EFFICIENCY ESTIMATION OF INDIAN COMMERCIAL BANKS – A GRAPH APPROACH
<b>Specific Area Of Research</b> :	OPERATIONS RESEARCH
<b>Name Of The University</b> :	S.V.UNIVERSITY, TIRUPATI
<b>Teaching Experience</b> :	22 ACADEMIC YEARS

S. No.	Name Of The College	Designation	Class Taught	From Date	To Date
1	P.V.K.N GOVT COLLEGE, CHITTOOR	LECTURER IN STATISTICS	U.G	17/11/2000	31/3/2013
2	Smt N.P.S Govt COLLEGE, CHITTOOR	LECTURER IN STATISTICS	U.G	08/7/2013	

<b>Administrative Experience</b> :	Co-Ordinator – TIME TABLE,, NIRF & AISHE
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**Details of Research Publications**

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<b>S. No</b>	<b>Title Of The Paper</b>	<b>Name Of The Publisher</b>	<b>ISBN/ISSN</b>	<b>Year</b>	<b>Citation Index/ Impact Factor</b>
<b>1</b>	A THEORITICAL APPROACH FOR MEASURING THE TECHNICAL EFFICIENCY OF DECISION MAKING UNITS	IJMSI	23214767	2014	3.5
<b>2</b>	A CONCEPT OF INPUT OUT PUT SUPER EFFICIENCY IN DECISION MAKING UNITS	AMERICAN JOURNAL OF ENGENEERING RESEARCH	23200396, 23200847	2015	3.851
<b>3</b>	EFFICIENCY ESTIMATION OF INDIAN COMMERCIAL BANKS – AN EMPIRICAL APPROACH	INTERNATIONAL JOURNAL OF SOCIAL SCIENCES ARTS AND HUMANITIES	23214147	2015	2.996
<b>4</b>	OPTIMAL OPERATING POLICIES OF E.P.Q MODELS FOR DETERIORATING ITEMS WITH GENERALIZED PARETO LIFE TIME	INTERNATIONAL JOURNAL OF BASIC AND APPLIED SCIENCES	22771921	2015	4.110
<b>5</b>	MULTY OBJECTIVE FRACTIONAL PROGRAMMING UNDER $(\rho, b)$ – INVEX FUNCTION	INTERNATIONAL JOURNAL OF BASIC AND APPLIED SCIENCES	22771921	2015	4.110
<b>6</b>	DIFFERENTIABLE MULTI OBJECTIVE FRACTIONAL PROGRAMMING PROBLEM UNDER V-CONVEX FUNCTIONS	INTERNATIONAL JOURNAL OF BASIC AND APPLIED SCIENCES	22771921	2014	4.110
<b>7</b>	ESTIMATION OF NITROGEN MINERALIZATION BY NITRIFYING BACTERIAL ISOLATES BtRs8	WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES	22784357	2015	5.210

	AND NBTRs2 FROM BT AND NBT RHIZHOSPHERIC SOIL OF COTTON PLANT BY USING DIFFERENT NITROGEN SOURCES				
8	PREDICTION OF VARIABLE USING PARAMETRIC FRONTIER PRODUCTION FUNCTION – THEORETICAL APPROACH	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHT	23202882	2018	5097
9	TEST FOR MISSPECIFICATION OF THE LINEAR STATISTICAL MODEL	INTERNATIONAL JOURNAL OF STATISTICS AND ANALYSIS	22489959	2014	
10	ESTIMATION OF NITROGEN MINERALIZATION BY NITRIFYING BACTERIAL ISOLATES BTRS8 AND NBTRS2 FROM BT AND NBT  RHIZHOSPHERIC SOIL OF COTTON PLANT BY USING DIFFERENT CARBON SOURCES	INTERNATIONAL JOURNAL OF MULTI DISCIPLINARY RESEARCH AND DEVELOPMENT	2349-4182  2349-5979	2015	3.762
11	GENERAL PROBLEMS OF STOCHASTIC MODEL BUILDING	INTERNATIONAL JOURNAL OF STATISTICS AND ANALYSIS	22489959	2014	
12	PROFIT – OPTIMAL INVENTORY SYSTEMS AS A BETTER ALTERNATIVE TO COST – MINIMAL INVENTORY SYSTEM	INTERNATIONAL JOURNAL OF STATISTICS AND SYSTEMS	09732675	2015	

<b>13</b>	EFFICIENCY ESTIMATION OF INDIAN COMMERCIAL BANKS – A GRAPH APPROACH	LAMBERT ACADEMIC PUBLISHING	978-3-659-47889-5	2014	MONOGRAPH
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<b>Papers Presented In The Conferences/Seminars :</b>				
<b>S. No</b>	<b>Title Of The Seminar/Conference</b>	<b>Organized By</b>	<b>Title Of The Paper</b>	<b>Year</b>
<b>1</b>	INDIAN SOCIETY FOR PROBABILITY AND STASTICS(ISPS)	DEPARTMENT OF STASTICS (UGC-SAP-DRS-I &DST-FIST) S.V.UNIVERSITY, TIRUPATI	EFFICIENCY ESTIMATION OF INDIN COMMERCIAL BANKS – AN EMPIRICAL APPROACH	2014
<b>2</b>	THE ROLE OF STATISTICAL TOOLS IN DATA ANALYSIS OF RESEARCH PROJECTS AND THESIS	DEPARTMENT OF STATISTICS, P.V.K.N Govt COLLEGE(A), CHITTOOR	PREDICTION OF VARIABLE USING PARAMETRIC FRONTIER PRODUCTION FUNCTION – THEORITICAL APPROACH	2015
<b>3</b>	ON EVASTEGALOIS AND SREENIVASA RAMANUJAN	DEPARTMENT OF MATHEMATICS, P.V.K.N Govt COLLEGE(A), CHITTOOR	DIFFERENTIABLE MULTIOBJECTIVE FRACTIONAL PROGRAMMING PROBLEM UNDER V – CONVEX FUNCTIONS	2013
<b>4</b>	NATIONAL WORKSHOP ON ‘BIGDATA ANALYTICS’	DEPARTMENT OF STASTICS (UGC-SAP-DRS-I &DST-FIST) S.V.UNIVERSITY, TIRUPATI	PARTICIPATED	2014
<b>5</b>	UGC SPONSERED NATIONAL SEMINAR ON LAISSEZ – FAIREISM IN HIGHER EDUCATION: A BOON OR BANE	DEPARTMENT OF ECONOMICS, P.V.K.N Govt COLLEGE(A), CHITTOOR	PARTICIPATED	2014
<b>6</b>	DST SPONSORED INSPIRE INTERNSHIP	P.V.K.N Govt COLLEGE(A), CHITTOOR	PARTICIPATED	2018



	SCIENCE CAMP			
7	ONE DAY NATIONAL LEVEL SEMINAR ON STATISTICAL APPLICATIONS IN I.T.INDUSTRY	DEPARTMENT OF MATHEMATICS, P.V.K.N Govt COLLEGE(A), CHITTOOR		
8	CAPACITY BUILDING - NEW EDUCATION POLICY 2019 & EXAMINATION POLICY (CBNEP-2020).	P.V.K.N Govt COLLEGE(A), CHITTOOR	PARTICIPATED	2020
9	TRENDSIN CLIMATE CHANGE IN VIEW OF STATISTICAL SCENARIO (TCSS-2020)	DEPARTMENTS OF BOTONY, ZOOLOGY, MICROBIOLOGY, MATHEMATICS, PHYSICS, CHEMISTRY AND STATISTICS, P.V.K.N Govt COLLEGE(A), CHITTOOR	PARTICIPATED	2020
10	INTERNATIONAL WEBINAR ON STATISTICAL DATA ANALYSIS TOOLS: SAS, SPSS	DEPTMT OF STATISTICS, S.G Govt. DEGREECOLLEGE, PILER, CHITTOOR DISTRICT.	PARTICIPATED	2020
11	A FIVE DAY FACUKTY DEVELOPMENT PROGRAMME ON OUTCOME BASED EDUCATION - TEACHING, LEARNUNG AND EVALUATION	P.V.K.N Govt COLLEGE(A), CHITTOOR	PARTICIPATED	2021
12	A TWO DAY UGC SPONCERD NATIONAL CONFERENCE ON REDESINING OF ACADEMIC MANAGEMENT IN HEIs WITH PERSPECTIVE OF	IQAC, PVKN GOVT. COLLEGE(A), CHITTOOR	PARTICIPATED	MARCH-2022

	NEP-2020			
13	NATIONAL WEBINAR ON WORLD ENVIRONMENT DAY	IQAC, PVKN GOVT. COLLEGE(A), CHITTOOR	PARTICIPATED	JUNE-2022
14	INTERNATIONAL WORK SHOP ON INTEGRATED APPROACHES OF STOCHASTIC MODELLING AND DATA SCIENCE FOR SUSTAINABLE DEVELOPMENT	DEPARTMENT OF STATISTICS, S. V UNIVERSITY, TIRUPATI	PARTICIPATED	SEPT-2022
15	1 <sup>st</sup> State Conference of ABRSM, Andhra Pradesh	S. V UNIVERSITY, TIRUPATI	PARTICIPATED	FEB-2023

**Professional Competency ( RC, OC, Training programme etc):**

Course Attended	Conducted by	Fr	To	e
SWYAM ORPIT ONLINE COURSE 'DATA ANALYSIS FOR SOCIAL SCIENCE TEACHER'	UNIVERSITY OF HYDERABAD	16/02/2020	16/02/2020	C
SWYAM ORPIT ONLINE COURSE "REFRESHER COURSE ON TEACHER AND TEACHING IN HIGHER EDUCATION"	SAVITRIBAI PHULE PUNE UNIVERSITY	16/02/2020	16/02/2020	
BIO STATISTICS AND MATHEMATICAL BIOLOGY (09/11/2019)	CENTRAL UNIVERSITY, PUNJAB		09/11/2019	
QUALITY ASSURANCE THROUGH NAAC ACCREDITATION PROCESS (25/02/2023)	NITTTR, CHENNAI		25/02/2023	
FIVE DAY TRAINING PROGRAMME FOR TEACHERS ON SURVEY AND REPORT – CONTENT DELIVERY AND ASSESSMENT METHODS	COMMISSIONERATE OF COLLEGIATE EDUCATION, ANDHRA PRADESH IN COLLABORATION WITH P.V.K.N GOVT DEGREE COLLEGE (A), CHITTOOR.	27/7/2022	31/7/2022	

TRAINING PROGRAMME ON INTERNSHIP AND LMS	NODAL RESOURCE CENTRE, P.V.K.N. GOVT COLLEGE(A), CHITTOOR	6/2/2 23	8/2/2 23
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<b>Any Additional Information Which The Candidate</b>	COMPLETED DUAL P.G DEGREE (STATISTICS & MATHEMATICS)
<b>Wishes To Give In Support Of His Application :</b>	SINCERE AND HARD WORKING NATURE

Dr. S. Hari Prasad, M.Sc., Ph.D.  
Assistant Professor of Statistics  
PVKN Govt.College, Chittoor  
Email: prasadsreekaram@gmail.com

#### Professional Experience

Assistant Professor of Statistics at Government Degree Colleges: (13 years of experience)

- PVKN Government College, Chittoor (22-07-2023 to Till date)
- GDC, Kodur (04-10-2021to 21-07-2023)
- SGGDC, Piler (03-09-2015 to 04-10-2021)
- PVKN Government College, Chittoor 14-06-2013 to 03-09-2015)
- VGDC, Venkatagiri (24-12-2011 to 13-06-20213)
- Contract Lecturer at Government Degree College, Piler :(11 years of experience)
- Teaching Assistant at S V University, Tirupati : (3 years of experience)

#### Academic Qualifications

- M.Sc., Ph.D. in Statistics

#### Research & Publications

- Published Papers

- 6 International Journal Publications

- Seminars Organized

- Co-convenor of the UGC National Seminar on “The Role of Statistical Tools in Data Analysis of Research Projects and Theses,” held at PVKN Degree College, Chittoor (June 26-27, 2015).

- Seminars Attended

- Participated in 3 National Seminars as a member.

#### Projects

- Ph.D., Topic: Ridge Regression Estimation Under Multicollinearity

S.V. University, Department of Statistics

This research addressed the issue of multicollinearity in explanatory variables.

Novel iterative methods were developed using C-programs to minimize mean square error, reducing experimental error in chemical and pathological laboratories.

- AIDS Awareness Program – A Rapid Baseline Survey in Rural and Slum Areas  
Academic Staff College, Hyderabad (under the guidance of Dr. M. Muni Chandra Sekhar Naidu)

Conducted a comprehensive survey with a 200-question questionnaire to assess awareness of diseases such as TB, AIDS, and cancer in rural and slum areas of Chittoor and Anantapur districts.

- Students’ Study Projects

S.G. Government Degree College, Piler

Supervised student-led projects aimed at developing research skills. Statistical methods such as t-test, F-test, Chi-Square test, Correlation Coefficient, Regression Lines, and Quality Control Charts were used in the analysis and interpretation of data, with computer programs developed for statistical computations.

#### Training & Development

- Orientation Course
  - 01 OC attended at S V University, Tirupati (2015)
- Refresher Courses
  - 03 RCs attended at S V University, Tirupati (2013, 2019, 2020)

#### Administrative Experience

- Served as Convener and Member in various committees:
  - IQAC, NAAC ,Website Design Committee at PVKN Government College
  - Member in MHRD, RUSA
  - Member in Prathibha Award Committee
  - EAMCET and ICET Counseling
  - Observer for APPSC Exams
  - Examinations Committee, Time Table Committee
- Additional Responsibilities
  - APSCHE member in Statistics Board
  - BOS chairman at YVU, Kadapa
  - BOS Member at SVU, Tirupati (2016-2019)
  - BOS Member at DKW Degree College, Nellore (2016-2019)
  - Chief Examiner (In-charge) of the Strong Room during Spot Valuation

Camp at SVU, Tirupati (2016-17, 2017-18)

#### Guest Lectures / Extension Lectures

- PVKN Government College, Chittoor – UG B.Sc. Statistics
- GDC, Punganur – UG B.Sc. Statistics

- GDC (W) Srikalahasti – UG B.Sc. Statistics
- SPW Degree College, Tirupati – UG B.Sc. Statistics
- SV Arts Degree College, Tirupati – UG B.Sc. Statistics
- DKW Degree College, Nellore – UG B.Sc. Statistics

#### Personal Information

- Date of Birth: May 4, 1973

#### Evaluation Process and Reforms

1. Formative and Summative Evaluation – Implementing and evaluating
2. Use of ICT in Evaluation – Innovating with technology in assessment systems

### 33. Student Achievements

### 34. SWOC analysis

- **Strengths (S):**
  - Highly qualified and experienced faculty members with expertise in various statistical methodologies.
  - Well-equipped laboratories and computing facilities for data analysis and statistical modeling.
  - Collaborative relationships with other departments, research institutions, and industry partners.
- **Weaknesses (W):**
  - Limited faculty resources or staffing shortages in specific areas of expertise.
  - Inadequate infrastructure or outdated equipment for teaching and research purposes.
  - Challenges in student retention or enrollment in statistics programs.
  - Gaps in curriculum design or delivery that may not adequately address emerging trends or industry demands.
- **External Environment Analysis (Opportunities and Challenges):**

- **Opportunities (O):**
  - Increasing demand for statisticians in various sectors, such as healthcare, finance, and technology.
  - Growth in interdisciplinary research areas, such as data science, machine learning, and artificial intelligence.
  - Collaboration opportunities with industry partners for internships, research projects, and consulting engagements.
  - Potential funding opportunities from government agencies, research grants, or philanthropic organizations.
- **Challenges (C):**
  - Intense competition from other academic institutions offering statistics programs.
  - Rapid technological advancements requiring continuous updates to curriculum and teaching methodologies.
  - Limited funding or budget constraints impacting the department's ability to invest in resources or infrastructure upgrades.
  - Regulatory changes or accreditation requirements that may necessitate adjustments to curriculum or administrative processes.

### 36. Future Plans

- **1. Curriculum Enhancement:** Reviewing and updating the curriculum to ensure alignment with emerging trends, industry requirements, and advances in the field of statistics. This may involve integrating new courses, methodologies, technologies, and applications relevant to data science, machine learning, artificial intelligence, and other interdisciplinary areas.
- **2. Pedagogical Innovations:** Exploring innovative teaching methodologies, instructional techniques, and educational technologies to enhance student engagement, active learning, and critical thinking in statistics education. This may include the use of interactive multimedia resources, simulations, case studies, and project-based learning approaches.
- **3. Faculty Development:** Providing opportunities for faculty development and capacity building to enhance teaching effectiveness, research productivity, and professional growth. This may involve organizing workshops, seminars, conferences, and training programs on pedagogy, research methods, statistical software, and emerging topics in statistics.
- **4. Research Expansion:** Expanding research activities within the department by fostering a culture of interdisciplinary collaboration, research excellence, and knowledge dissemination. This may involve promoting collaborative research projects, securing external funding, establishing research centers or laboratories, and encouraging faculty and student participation in research conferences and publications.
- **5. Industry Partnerships:** Strengthening partnerships with industry, government agencies, and non-profit organizations to enhance the practical relevance of statistics education and research. This may involve establishing internship programs, collaborative research projects, consulting services, and guest lectures by industry experts to facilitate knowledge exchange and technology transfer.
- **6. Student Support Services:** Enhancing student support services to promote academic success, personal development, and career readiness. This may include



academic advising, mentoring programs, career counseling, networking opportunities, and extracurricular activities such as student clubs, competitions, and conferences related to statistics and data science.

- **7. Infrastructure Upgrades:** Upgrading infrastructure and facilities to support teaching, learning, and research activities in statistics. This may involve investing in state-of-the-art laboratories, computing resources, statistical software licenses, library collections, and other resources essential for conducting high-quality research and delivering effective instruction.
- **8. Quality Assurance Mechanisms:** Implementing robust quality assurance mechanisms to monitor and evaluate the effectiveness of departmental activities, processes, and outcomes. This may include establishing benchmarks, performance indicators, assessment tools, and feedback mechanisms to ensure continuous improvement and accountability.
- **9. Community Engagement:** Engaging with the local community, stakeholders, and the broader society to address societal challenges and contribute to social development through statistics and data-driven insights. This may involve organizing outreach programs, public lectures, data literacy workshops, and collaborative projects addressing social, economic, and environmental issues.
- **10. Accreditation and Recognition:** Pursuing accreditation and recognition from relevant professional bodies, accreditation agencies, and ranking organizations to validate the quality and reputation of the Department of Statistics nationally and internationally.

These future plans reflect the department's commitment to excellence, innovation, and relevance in addressing the evolving needs and challenges of the field of statistics and contributing to the advancement of knowledge and societal welfare.