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Research Paper

Navigating the academic labyrinth: understanding and addressing stress among undergraduate and postgraduate students in Telangana

Dr. S. Ramesh*
*Assistant Professor of Commerce SR & BGNR Government Arts & Science College (A) Khammam Telangana, India.

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ABSTRACT

Background: Academic stress among undergraduate (UG) and postgraduate (PG) students is a growing concern, driven by intense competition, heavy workloads, high expectations, and difficult academic transitions.
Objective: To examine the causes, manifestations, and consequences of academic stress among UG and PG students in Telangana, India, and to propose strategies for its management.
Methods: Narrative literature-based analysis synthesizing causes of academic stress (institutional, familial, peer, and societal factors) and its physical, mental, social, and academic consequences among students in Telangana.
Results: Academic stress in this population arose from competitive pressures, workload, high parental and institutional expectations, and transition difficulties (e.g., school-to-college), contributing to adverse physical and mental health outcomes, impaired social interactions, and reduced academic performance. Government, academic institutions, parents, and peer groups were identified as key stakeholders shaping stress manifestation.
Conclusion: Multi-stakeholder strategies promoting mental health awareness, balancing academic workloads, encouraging healthy work-life balance, and building supportive academic environments are needed to mitigate academic stress and its downstream effects on UG and PG students.

Corresponding Author:
Dr. S. Ramesh
Assistant Professor of Commerce SR & BGNR Government Arts & Science College (A) Khammam Telangana, India.
Email: srameshmed@gmail.com

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1. INTRODUCTION

Academic stress is a pervasive issue that affects students across the globe, and Telangana, a state in southern India, is no exception. Both undergraduate (UG) and postgraduate (PG) students in Telangana grapple with the challenges posed by rigorous academic curricula, high expectations, and the pursuit of excellence. This essay aims to shed light on the various facets of academic stress among UG and PG students in Telangana, exploring its causes, manifestations, and potential solutions.

2. RELATED WORK

[1] This study explores the prevalence of academic stress among university students and investigates its various sources. [1] Delve into the psychosocial aspects of academic stress, shedding light on the factors that contribute to the heightened stress levels experienced by students in a university setting. [2] Bedewy and Gabriel focus on the subjective experience of academic stress by developing and employing the Perception of Academic Stress Scale. This instrument aims to measure how students perceive and respond to various stressors, providing valuable insights into the individualized nature of academic stress. [3] Kumaraswamy's review offers a comprehensive examination of the interplay between academic stress, anxiety, and depression among college students. The study provides valuable insights into the emotional toll of academic stress and its potential long-term consequences on students' mental health.

[4] Investigate the intricate relationship between academic stress, coping mechanisms, motivation, and academic performance. The study contributes to a deeper understanding of how students navigate stressors and the impact of these strategies on their overall success in higher education. [5] Explore the disparity between student and faculty perceptions of academic stress. By comparing these perspectives, the study provides insights into potential areas of misunderstanding and miscommunication, contributing to a more nuanced understanding of the sources of stress. [6] Investigate the role of supportive communication in mitigating academic stress and its impact on the health of students. The study emphasizes the importance of interpersonal relationships and communication strategies in alleviating stress and promoting overall well-being. [7] Kohn and Frazer introduce an academic stress scale, identifying and evaluating the importance of various stressors. This quantitative approach provides a structured framework for assessing the specific stressors that significantly impact students in an academic setting. [8] Putwain's work focuses on the methodological considerations inherent in researching academic stress and anxiety. By addressing these methodological challenges, the study contributes to the refinement of research approaches, ensuring the accuracy and reliability of findings in this field.

[9] Akgun and Ciarrocchi investigate the moderating role of learned resourcefulness in the relationship between academic stress and performance. This study highlights the importance of individual characteristics in buffering the negative effects of stress on academic outcomes. [10] Research is revisited to underscore its significance in the literature, particularly in understanding how coping mechanisms and motivation mediate the impact of academic stress on overall college performance. [11] Kadapatti and Vijayalaxmi examine stressors contributing to academic stress among pre-university students. This study provides insights into the unique challenges faced by students transitioning from secondary to higher education, contributing to a better understanding of early academic stressors. [12] Investigate the relationship between academic stress and the development of chronic stress among university students. The study contributes to understanding the potential long-term consequences of academic stress on students' overall well-being. [13] Explore the unique academic stressors experienced by international students attending U.S. universities. The study sheds light on the challenges related to cultural adaptation, language barriers, and academic expectations faced by international student populations.

2.1 Causes of Academic Stress

Intense Competition: Telangana is home to numerous reputed educational institutions, leading to a highly competitive environment. The pressure to outperform peers and secure coveted positions contributes significantly to academic stress.

Heavy Workloads: UG and PG programs in Telangana often entail demanding coursework, extensive readings, and frequent assessments. The sheer volume of academic responsibilities can overwhelm students, leading to stress and burnout.
High Expectations: Students, as well as their families, often have high expectations regarding academic achievements. The desire to meet or exceed these expectations can create a significant burden on students, contributing to stress.
Transition Challenges: The transition from UG to PG studies introduces new challenges, including increased complexity of subjects, higher academic expectations, and the pressure to specialize. This transition can be particularly stressful for students.

2.2 Manifestations of Academic Stress

Physical Health Issues: Prolonged academic stress can manifest in physical health problems such as headaches, insomnia, and digestive issues. The toll on the body due to stress is a concerning aspect of academic pressure.
Mental Health Concerns: Anxiety, depression, and other mental health issues can be exacerbated by academic stress. The constant pressure to perform well academically can take a toll on students' mental well-being.
Social Withdrawal: Academic stress may lead students to withdraw from social activities as they prioritize their studies. This isolation can further exacerbate stress levels, creating a detrimental cycle.
Decreased Academic Performance: Paradoxically, excessive stress can lead to decreased academic performance. The pressure to excel may result in a fear of failure, hindering the very success students are striving for. The reduction of academic stress among undergraduate (UG) and postgraduate (PG) students in Telangana is a collective responsibility that involves the active participation of various stakeholders, including the government, academia, educational institutions, parents, and peer groups.

2.2.1 Government

Policy Formulation: The government can actively shape educational policies that promote a balanced and holistic approach to learning, discouraging an excessive focus on exams and grades.
Resource Allocation: Allocating funds for mental health initiatives within educational institutions ensures the availability of counseling services and support systems.
Regulation and Oversight: Implementing regulations that monitor and regulate workload, examination schedules, and grading systems can contribute to a healthier academic environment.

2.2.2 Academia

Innovative Teaching Methodologies: Encouraging faculty members to adopt teaching methods that prioritize critical thinking and application rather than rote memorization can reduce stress associated with exam-centric learning.
Counseling and Guidance: Integrating counseling services within academic departments can provide students with professional guidance and emotional support.
Flexible Curriculum: Developing a flexible curriculum that allows students to explore diverse subjects and tailor their academic journey to their interests can contribute to a more engaging and less stressful learning experience.

2.2.3 Educational Institutions

Stress Reduction Programs: Implementing stress reduction workshops and programs that focus on time management, study skills, and well-being can equip students with essential tools.
Inclusive Campus Culture: Cultivating a campus culture that values diversity, inclusivity, and mutual support fosters a sense of community and reduces the sense of isolation often associated with academic stress.

Student Support Services: Establishing dedicated support services within institutions, such as academic advisors and mental health counselors, ensures that students have access to resources that address their individual needs.

2.2.4 Parents

Setting Realistic Expectations: Encouraging parents to set realistic expectations and recognize the importance of holistic development over singular academic achievements helps reduce pressure on students.
Open Communication Channels: Promoting open communication channels between parents and students creates an environment where challenges can be discussed openly, fostering a sense of understanding and support.
Promoting Well-being: Emphasizing the importance of overall well-being over academic success helps shift the focus from grades to personal growth and development.

2.2.5 Peer Group

Collaborative Learning Environments: Promoting collaborative learning environments through study groups and group projects encourages a sense of community and shared responsibility.
Mentorship Programs: Establishing mentorship programs where senior students guide juniors provides valuable insights and support, reducing the sense of academic isolation.
Peer Counseling Initiatives: Creating platforms for peer counseling allows students to share experiences, seek advice, and build a supportive network within the student community.

In essence, each stakeholder has a specific role to play in creating a comprehensive framework for stress reduction, encompassing policy, resources, support services, and a cultural shift towards holistic education.

2.3 Addressing Academic Stress

Promoting Mental Health Awareness: Educational institutions in Telangana should prioritize mental health awareness programs to reduce the stigma associated with seeking help. Counseling services and support groups can provide valuable resources for students.
Balancing Workloads: Institutions can reassess and modify academic curricula to ensure a more balanced workload. Emphasizing quality over quantity in coursework and assessments can alleviate some of the pressure on students.
Encouraging a Healthy Work-Life Balance: Institutions and families alike should encourage students to maintain a healthy balance between academic pursuits and personal well-being. Adequate rest, recreation, and social interactions are vital for overall resilience.
Building a Supportive Environment: Establishing a supportive academic environment where students feel comfortable seeking help, discussing challenges, and expressing concerns is crucial. Faculty and peers can play pivotal roles in creating such an environment.

3. CONCLUSION

Addressing academic stress among UG and PG students in Telangana requires a comprehensive approach that involves educational institutions, families, and society at large. By fostering awareness, implementing supportive measures, and reevaluating academic structures, it is possible to create an environment where students can thrive academically while maintaining their mental and physical well-being. Ultimately, the goal should be to transform the academic journey into a positive and enriching experience for students in Telangana.

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Author Contributions Statement

Name of Author	C	M	So	Va	Fo	I	R	D	O	E	Vi	Su	P	Fu
Dr. S. Ramesh	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓

C : **C**onceptualization
M : **M**ethodology
So : **So**ftware
Va : **Va**lidation
Fo : **Fo**rmal analysis
I : **I**nvestigation
R : **R**esources
D : **D**ata Curation
O : Writing - **O**riginal Draft
E : Writing - Review & **E**diting
Vi : **Vi**sualization
Su : **Su**pervision
P : **P**roject administration
Fu : **Fu**nding acquisition

Conflict of Interest Statement

The authors declare that there are no conflicts of interest regarding the publication of this paper.

Informed Consent

All participants were informed about the purpose of the study, and their voluntary consent was obtained prior to data collection.

Ethical Approval

Not Applicable.

Data Availability

The data that support the findings of this study are available from the corresponding author upon reasonable request.

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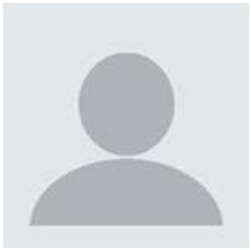
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BIOGRAPHIE OF AUTHOR



Dr. S. Ramesh, is an Assistant Professor of Commerce at SR & BGNR Government Arts & Science College (Autonomous) Khammam, Telangana India. The topics run from green commerce and environmental sustainability, to corporate social responsibility, green marketing, environmental literacy among students, healthcare management, tourism and community engagement, and yes even dance and society. Email: srameshmed@gmail.com