



S.S. KHANNA GIRLS' DEGREE COLLEGE

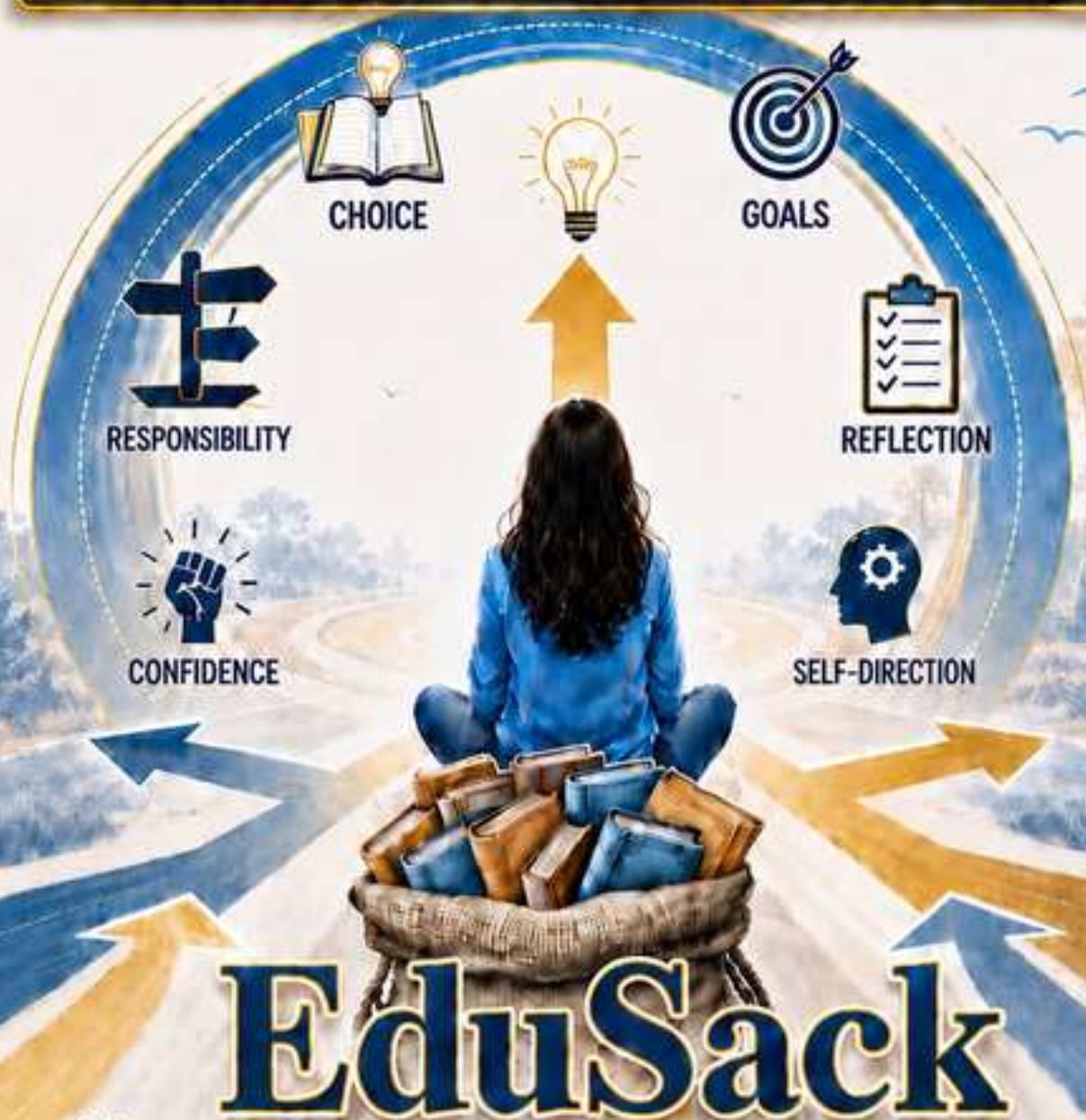
A Constituent College Of University Of Allahabad

*Awarded "A" Grade by NAAC, IIC 4 star by Ministry of Education
Supported by UGC CPE-II Phase, DBT Star & DST CURIE grant*



E-MAGAZINE
BILINGUAL
YEARLY

Dr. Madhu Tandon B.Ed. Faculty



EduSack

A Gateway To Infinite Learning

Understanding Learners Autonomy



Phone No. : 0532-2451791



Email: edusacksskgdc@gmail.com

Dr. Madhu Tandon B.Ed. Faculty

“Shaping Educators, Inspiring futures”

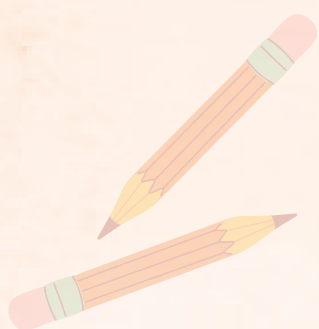
Established in 2004–05, Dr. Madhu Tandon B.Ed. Faculty delivers a four-semester CBCS curriculum alongside intensive school training to nurture highly skilled, compassionate educators. Known for strict discipline and high attendance, the college seamlessly blends academic rigour with vibrant co-curriculars, highlighted by its signature cultural festival, "Masti Ki Pathshala."

Students thrive on a tech-enabled campus featuring high-speed Wi-Fi, a rich library, and access to INFLIBNET and DELNET. Dedicated to student welfare, the institution offers financial scholarships, features a proactive Placement Cell, and boasts an elite alumni network in reputable schools.

In alignment with NEP 2020, the faculty now offers the prestigious four-year Integrated Teacher Education Programme (ITEP) B.A.-B.Ed. Dedicated exclusively to empowering women, this elite unit will welcome 50 female candidates. Admission to this premier flagship programme is strictly merit-based via the national-level NCET-2026 examination organized by the NTA.

For admissions, seminar enquiries, or collaborations.

Contact- b.ed.youthfestival2020@gmail.com.



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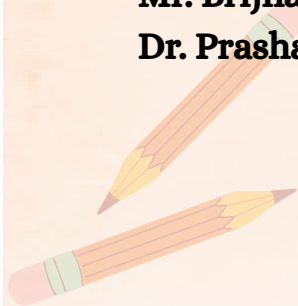
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PREFACE

EduSack is an educational e-magazine published by Dr. Madhu Tandon B.Ed. Faculty of S.S. Khanna Girls' Degree College. The magazine is a vibrant academic initiative dedicated to promoting independent learning, critical thinking, creativity and learner-centered educational practices.

This edition proudly brings together scholarly articles, research papers, reflective essays, poems, and creative contributions from educators, researchers, teacher trainees, and students from across India, a few valuable contributions from beyond national borders and other stakeholders. The diverse participation reflects the universal relevance of learner autonomy in contemporary education and highlights a rich exchange of ideas across cultures and educational systems.

The e-magazine provides a platform for voices from different academic backgrounds to explore innovative teaching methodologies, self-directed learning strategies, classroom experiences, educational technology, and the evolving role of educators in the 21st century. It encourages learners to become active participants in their educational journey and inspires teachers to act as facilitators, mentors, and guides.



THEME OF THE MAGAZINE

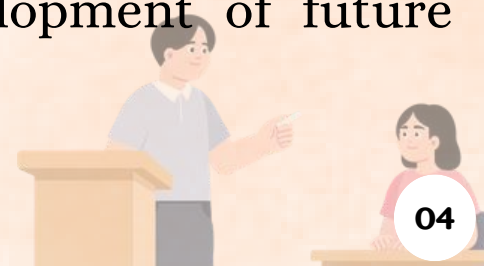
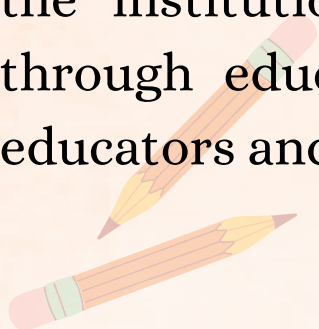
LEARNER'S AUTONOMY

Learner autonomy is a central theme in contemporary education, emphasizing the idea that students should be active agents in their own learning rather than passive recipients of knowledge. It refers to the ability of learners to set goals, make decisions, monitor their progress, and reflect critically on outcomes.

Sub-Themes :

- Motivation and learning
- Socio-cultural impact on educational accomplishments
- Challenges and barriers to learners autonomy
- Assessment and feedback for autonomous learning
- Enhancing the classroom environment through ICT approaches

Through its varied contributions and interdisciplinary perspectives, Learner Autonomy aims to foster intellectual growth, educational innovation, and meaningful dialogue among educators and learners. Under the visionary guidance of Dr. Madhu Tandon, the magazine reflects the commitment of the institution toward academic excellence, empowerment through education, and the holistic development of future educators and responsible citizens.



In Memoriam

Forever in our hearts



*In loving memory of Dr. Madhu Tandon
(1960-2001)*

A teacher's true legacy is found in the countless minds they inspire to learn, grow, and discover their own voice.

We fondly dedicate the second edition of EduSack to the cherished memory of Dr. Madhu Tandon, whose warmth, wisdom, and unwavering dedication to education continue to inspire us. She believed in nurturing not only minds, but also confidence, individuality, and the courage to think independently, values that beautifully resonate with this edition's theme, "Understanding Learners' Autonomy."

Her kindness, integrity, and gentle guidance left a lasting impression on everyone who had the privilege of knowing her. Though she is deeply missed, her legacy continues to live on through the countless lives she touched.



Mrs. Nirmala Tandon
Chairperson
Governing Body
S.S. Khanna Girls' Degree College

It gives me immense pleasure to share my reflections in the second issue of EduSack. As someone deeply engaged in the field of education and mental well-being, I see education not just as a system, but as a lived experience that shapes minds, emotions, and the very fabric of society. For me, education has always been about reaching every learner with dignity, understanding and purpose.

Through my experiences with students and young learners, I have come to realise that true transformation occurs when education becomes inclusive and responsive to individual needs. It is not only about academic growth, but about nurturing confidence, empathy and the ability to think independently. When learners feel valued and understood, they naturally evolve into thoughtful and responsible individuals.

I strongly believe that before designing or implementing any curriculum, we must clearly define our educational aims keeping in mind the diverse backgrounds of learners, the challenges of our society, and the demands of a rapidly changing global world. Such clarity ensures that education remains meaningful, equitable, and empowering for all.

The theme of this issue, Understanding Learner Autonomy, resonates closely with my own teaching philosophy. Encouraging self-driven learning, recognising socio-cultural influences, and addressing the barriers that limit independence are essential steps toward empowering learners. Integrating reflective practices and ICT-enabled classrooms can further create spaces where students take ownership of their learning journeys.

I truly appreciate EduSack for providing a platform to reflect upon and discuss these important educational concerns. It is my sincere hope that this issue will inspire learners to become confident, self-aware and compassionate contributors to society.

Warm Regards



Justice Arun Tandon (Retd.)
Member, Governing Body
S.S. Khanna Girls' Degree College

Education is the foundation upon which a progressive and enlightened society is built. At every stage, it is not merely the acquisition of knowledge, but the development of character, creativity, and critical thinking that truly defines quality education. In this journey, teachers play a pivotal role as mentors and role models, guiding students not only academically but also morally and socially.

I am pleased to see the initiative taken by the students and faculty members in bringing out the E-Magazine EduSack. Such platforms are essential in nurturing intellectual curiosity, creativity, and expression among learners. They provide an opportunity for individuals to articulate their thoughts, share innovative ideas, and develop confidence in their writing and analytical abilities.

EduSack is not just a magazine; it is a reflection of collective effort, talent, and vision. It encourages a culture of learning beyond classrooms and promotes holistic development by engaging students in meaningful academic and creative pursuits.

I extend my sincere appreciation to the editorial team, contributors, and faculty members whose dedication has made this initiative possible. I am confident that this magazine will continue to inspire many more students to participate, explore, and excel.

I convey my best wishes to everyone associated with EduSack. May your efforts continue to enrich minds and contribute positively to the academic community.



इलाहाबाद विश्वविद्यालय

UNIVERSITY OF ALLAHABAD

(A Central University)



Prof. Dhananjai Yadav
Head

Department of Education

E-mail: hodedu@alluniv.ac.in

Mobile : +91 9455888331

The Principal
S.S. Khanna Girls
Degree College,
Prayagraj. 211002.

Ref. No. : 21

Date : 21/5/26



MESSAGE

It gives me immense pleasure in presenting a forward message for second edition of e-magazine, "Edu Sack" being launched by Dr. Madhu Tandon B.Ed. faculty of S.S. Khanna Girls Degree college. I am still confident and futuristic about the magazine in fulfilling a vibrant media of showcasing the creative and original ideas of students, researchers and faculty members at large.

The themes and sub themes of this issue is again addressing the academic and professional challenges being faced by academia at large. The entries will again be stimulating the younger minds to think and explore novel areas of research and development in the field of Education and Teacher Education.

My best wishes to the entire team.

21/5/26

Prof. Dhananjai Yadav
Head
Department of Education



Prof. Lalima Singh
Principal
S.S. Khanna Girls' Degree College

It is with deep pride and a sense of purpose that I introduce this edition of EduSack, a magazine that stands as a testament to the spirit of inquiry and the courage of ideas. Education today stands at a defining crossroads. The National Education Policy 2020 has reminded us that the purpose of education is not to fill minds, but to ignite them. It calls upon us to move from a culture of instruction to a culture of inquiry, from teaching to learning, and from dependence to autonomy.

EduSackem bodies this very transition. It is not merely a collection of articles; it is a celebration of independent thinking, creative courage, and reflective practice. Within these pages, you will witness how our future teachers are not just preparing for classrooms, but reimagining them.

As a teacher education institution, our greatest responsibility is to nurture educators who do not just deliver the curriculum, but who design learning experiences with empathy, innovation, and integrity. Learner's autonomy is not a concept we teach rather it is a culture we live. When our B.Ed. students reflect on their teaching philosophy and share their insights, they are already practicing the classrooms of tomorrow.

I congratulate the Editorial Board, faculty mentors, and every student contributor of EduSack for creating a platform where voices are valued and ideas take flight. May this magazine continue to document, provoke, and inspire the shift from "trained teachers" to "thinking educators."

I invite the readers to engage with these pages not as spectators, but as co-travelers in this journey of educational transformation. Because the future of education will not be written in policy documents alone. It will be written by the teachers we prepare today. With best wishes for continued learning and leading.



Dr. Saumya Krishna
Coordinator

Dr. Madhu Tandon B.Ed. Faculty
S.S. Khanna Girls' Degree College

It gives me immense pleasure to present the second issue of EduSack based on the theme Understanding Learner Autonomy. This edition highlights the importance of self-directed learning, reflective practices, and inclusive educational approaches that empower learners to think independently and grow with confidence.

In today's rapidly changing educational landscape, it is essential to create learning environments that encourage curiosity, responsibility, and meaningful participation. The contributions in this issue thoughtfully explore the role of educators, socio-cultural influences, and ICT-enabled learning in nurturing autonomous learners.

I sincerely appreciate all contributors, faculty members, and the editorial team for their valuable efforts in making this publication meaningful and inspiring. I hope this issue encourages readers to engage in thoughtful learning and contribute positively to society.

Warm Regards



Teacher Editor

Dr. Mamta Bhatnagar

Assistant Professor

**Dr. Madhu Tandon B.Ed. Faculty
S.S. Khanna Girls' Degree College**

The mind is not a vessel to be filled, but a fire to be kindled.

— Plutarch

To the educator who has ever watched a student's eyes light up at the moment of discovery and thought: that is what matters — this edition of EduSack is for you.

There is a quiet magic in watching someone realize they can. A child who wrestles with a problem late into the evening, not because an assignment demands it, but because the question itself will not let them go. A teenager who revises an essay they were never asked to rewrite, simply because they want it to say exactly what they mean. These are not accidents of discipline. They are signs of something deeper stirring. That something is learner autonomy. We often speak of students as travelers and teachers as guides. But the truth is, a guide's highest calling is to make themselves unnecessary. The best classroom is not the one where every question is answered; it is the one where students leave with better questions than they arrived with. Autonomy is not a skill we teach in a single lesson. It is a culture we build, a seed we water daily, a trust we extend even when the outcome is uncertain.

This edition looks at learner autonomy not as a lofty educational theory but as a lived, messy, beautiful practice. What does it mean for a first-generation college-goer to navigate institutional systems alone? What does it look like when a shy student finds the courage to set their own learning goals? How do parents create homes where curiosity is safe? How do administrators design policies that trust students enough to let them lead? These are the questions we explore within these pages.

The shift is not easy. Letting go of control can feel like losing ground. But every time we hand the reins to a learner carefully, thoughtfully, with support nearby and we say to them: I believe in you more than I believe in the certainty of my own instructions. And that belief, more than any curriculum, is what shapes a lifelong learner. To our contributors, thank you for sharing your stories and your scholarship. To our readers, thank you for being the kind of educator who never stops asking how to do better.



Teacher Editor

Dr. Shalini Rastogi

Assistant Professor

**Dr. Madhu Tandon B.Ed. Faculty
S.S. Khanna Girls' Degree College**

"Reigniting the Spirit of Autonomous Learning"

Dear Readers,

In an attempt to rejuvenate the spirit of making true comrades of education, the second issue of EduSack the candle of learning is now on its march. This edition takes up the insightful topic of 'Autonomy in the student learning process' an effort to nurture learners who are both self-conscious and self-disciplined.

True autonomy in education does not mean doing as one pleases. It means developing the capacity to think critically, take responsibility for one's learning, and act with discipline and purpose. When students embrace this form of autonomy, they not only grow as individuals but also become responsible and worthy citizens of society. Our pupil teachers, who will shape the minds of tomorrow, must themselves embody this balance of freedom and responsibility. Only then can they inspire the next generation to learn not just for marks, but for meaning.

Our editorial board is grateful to all the people who've contributed in it, for they are the charming gardeners who have made EDUSACK blossom. May this issue of EduSack serve as a small but steady flame, encouraging all of us in education to value autonomy as the path to creativity, integrity, and social contribution.



Teacher Editor

सुश्री सत्यम स्वरूप
सहायक आचार्य

डा० मधु टण्डन बी०एड० फेकल्टी
सदनलाल सांवलदास खन्ना
महिला महाविद्यालय

"अधिगम स्वायत्तता" शिक्षा का अत्यंत महत्वपूर्ण आयाम है, परंतु यह केवल बाहरी स्वतंत्रता या मनमाने चयन का नाम नहीं है। स्वायत्तता तभी सार्थक है, जब वह सजगता, आत्मावलोकन और उत्तरदायित्व से जुड़ी हो। विवेकहीन स्वतंत्रता व्यक्ति और समाज—दोनों के लिए विनाशकारी होती है। आज जब विश्व जलवायु परिवर्तन, हिंसा, युद्ध एवं गहरे मानवीय संकटों का सामना कर रहा है, तब शिक्षा की भूमिका केवल कुशल मानव संसाधन तैयार करने तक सीमित नहीं रह सकती; उसे संवेदनशील, जागरूक और बोधवान मनुष्य के निर्माण की दिशा में कार्य करना होगा।

एक शिक्षक के रूप में मेरा विश्वास है कि वास्तविक अधिगम वहीं से प्रारम्भ होता है, जहाँ विद्यार्थी स्वयं को देखना, अपने विचारों, भय, महत्वाकांक्षाओं और अनुबंधनों को समझना शुरू करता है। आत्मावलोकन से उत्पन्न सीख ही व्यक्ति को अनुकरण से मुक्त कर स्वतंत्र एवं जिम्मेदार चिंतन की ओर ले जाती है। ऐसी स्वायत्तता अहंकार नहीं, बल्कि जागरूकता और सत्यनिष्ठा पर आधारित होती है। EduSack E-Magazine 2026 की थीम "अधिगम स्वायत्तता" इसी गहन शैक्षिक आवश्यकता की ओर संकेत करती है।

आशा है कि यह मंच विद्यार्थियों में आत्मप्रेरित अधिगम, वैचारिक प्रामाणिकता, संवेदनशीलता तथा मानव और प्रकृति के प्रति उत्तरदायी दृष्टि के विकास को प्रोत्साहित करेगा। इस महत्वपूर्ण पहल से जुड़े सभी विद्यार्थियों, हितधारकों, शिक्षकगण, एवं संपादकीय टीम को हार्दिक शुभकामनाएँ।

Teacher Editor



Dr. Deepika Ojha

Assistant Professor

**Dr. Madhu Tandon B.Ed. Faculty
S.S. Khanna Girls' Degree College**

Dear Readers,

Welcome to this edition of EduSack, a canvas where ideas, inquiry and imagination converge.

At Edusack we believe education extends far beyond textbooks and timetables. It is a living dialogue between curiosity and discovery, between tradition and innovation. As an editorial board, our endeavor is to curate voices that provoke thought, celebrate excellence, and illuminate pathways for learners and educators alike.

This issue reflects the transformative spirit of NEP 2020: breaking silos, fostering critical thinking and nurturing responsible citizenship. Within these pages you will find student reflections, teacher insights, creative expressions, and glimpses of initiatives that translate learning into meaningful action.

We extend our gratitude to every contributor whose words and vision have enriched this volume. To our readers, we invite you to engage deeply, question freely and carry these conversations beyond the magazine into your classrooms, homes, and communities. Because education is not confined to pages. It is carried forward by people and with EduSack we aspire to carry it forward together.

Student Editorial Team



It is a privilege to be a part of the technical team of EduSack. Contributing to the design, formatting, and overall digital presentation of this e-magazine has been a truly enriching experience. This edition on Learners' Autonomy thoughtfully showcases insightful contributions from educators, researchers, and students across India and beyond, highlighting diverse perspectives and innovative ideas in education.

I extend my sincere gratitude to the editorial board, respected faculty members, and all contributors for their constant guidance, encouragement, and cooperation throughout the process. I hope this edition inspires readers to embrace independent learning, creativity, and lifelong academic growth.

-Maurya Aanchal Yashraj
B.Ed. (2024-2026)

❖

"Technology and Creativity together inspire Innovation" I feel honored and grateful to be a part of the Student Editorial and Technical Team of EduStack, the e-magazine of Dr. Madhu Tandon B.Ed. Faculty. This journey has been filled with learning, creativity, and collaboration. Through this platform, I contributed towards designing and managing the technical presentation of the magazine, ensuring that every page reflects innovation, knowledge, and artistic expression. EduSack is not just an e-magazine; it is a space where ideas connect, voices are empowered, and education meets creativity. Working with such a dedicated team helped me enhance my technical skills, imagination, and teamwork while contributing to a meaningful educational initiative. I hope this magazine inspires readers to explore, learn, and dream beyond boundaries.

-Aishanya Agarwal
B.Ed. (2024-2026)



Student Editorial Team



The Editorial board of EduSack has been a great experience working upon. To be appointed by my respected teachers shows their trust and belief in me.

The magazine aims to inspire, motivate and encourage the ongoing generation to accomplish their goals and to be persistent enough. I am grateful for the working opportunity for EduSack. We by the contribution of our work wants to acquire the best skills possible and keep on moving on the trust of our respected teachers.

The EduSack have a welcoming door for innovative ideas, creativity, informative contents, motivational and inspiring stories and all the grace. I am a proud member of the Editorial team.

-Samriddhi Jha
B.Ed. (2024-2026)

❖
“A LITTLE PROGRESS EACH DAY ADDS UP TO GREAT RESULTS”

Being a member of the Editorial Team for EduSack has been a truly enriching experience in my academic journey. This opportunity allowed me to contribute towards editing and organising content, sharing creative ideas, and working collaboratively with the team to make this publication meaningful and engaging. It strengthened my confidence, creativity, and sense of responsibility.

I sincerely thank our Respected Teachers and fellow team members for their constant encouragement and support throughout this endeavour. I hope EduSack serves as a source of inspiration, knowledge, and positivity for all its readers.

“Together, Creativity and Dedication can turn ideas into achievements

Kaashmira Singh
B.Ed. (2024-2026)



Student Editorial Team



It is a matter of great pride and responsibility to be a part of the editorial board of EduSack Magazine. I feel extremely honored and proud to contribute to such a wonderful initiative. It gives me immense happiness to be involved in a platform where creativity, knowledge, and ideas come together so beautifully.

This platform not only showcases creativity and knowledge but also encourages students to express their ideas, thoughts, and talents. Through this magazine, we aim to bring forward innovative perspectives, informative content, and inspiring stories that motivate readers.

-Afreen Hafeez
B.Ed. (2024-2026)

"I am proud to be a member of the Editorial Board of EduSack, the official e-magazine of our B.Ed. faculty. Being selected for this role is truly an honor, as it reflects the trust and confidence my teachers have placed in me. I am deeply grateful for this recognition and feel motivated to contribute my best.

EduSack is a remarkable platform that beautifully blends knowledge and creativity, serving as a space where ideas flourish and voices are heard. Being part of this journey feels both inspiring and rewarding. I look forward to working alongside fellow board members to make this magazine an even greater source of learning, expression, and innovation for our academic community."

- Ayesha Sultan
B.Ed. (2024-2026)



Student Editorial Team



I feel honored to be a part of the technical team of EduSack. Contributing to the digital design and presentation of this e-magazine has been a meaningful experience that enhanced both my creativity and technical skills. This edition on Learners' Autonomy showcases valuable ideas and perspectives shared by contributors from different parts of India as well as beyond borders.

I extend my sincere thanks to, the editorial board, and all contributors for their constant support and encouragement. I hope this magazine motivates readers to embrace independent learning, innovation, and academic excellence.

-Nandini Kumari
B.Ed. (2024-2026)

“Creativity is seeing what others see and thinking what no one else has thought.” — Albert Einstein

Being a part of EduSack has been a journey of learning, creativity, and collaboration. This platform encourages innovative thinking, artistic expression, and teamwork through meaningful educational content and creative presentation. EduSack is not just an e-magazine; it is a platform where education meets creativity and ideas are expressed in unique ways. Being associated with this creative journey inspires learning, imagination, and confidence while encouraging readers to think beyond boundaries.



-Shreya Shukla
B.Ed. (2024-2026)

Student Editorial Team



हमारे महाविद्यालय के बी.एड. संकाय की प्रस्तावित "शैक्षिक-ई-पत्रिका" के इस संस्करण हेतु हिंदी संपादक के रूप में मुझे अपना सहयोग प्रदान करने में अति आनंद की अनुभूति हुई। आज के इस डिजिटल युग में ई-पत्रिका विद्यार्थियों को अपनी अभिव्यक्ति प्रस्तुत करने का एक सशक्त मंच प्रदान करती है।

इस पत्रिका के अंतर्गत हमने "शिक्षा में स्वायत्तता" पर विशेष बल दिया है, जिसके माध्यम से विद्यार्थियों में आत्मविश्वास, अनुशासन और नेतृत्व की भावना को प्रोत्साहित किया गया है। मैं सभी शिक्षकों एवं प्रतिभागियों को उनके महत्वपूर्ण योगदान के लिए बधाई देती हूँ।

आशा है कि यह ई-पत्रिका सभी पाठकों को प्रेरित करेगी तथा सीखने की नई दिशा प्रदान करेगी।

-अंजली सिंह

बी.एड. द्वितीय सेमेस्टर



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THE NEW EDUCATION: A NEW ATTITUDE

Prof. Prabhjot Kulkarni
Principal (Retired),
Maharishi Valmiki College of Education,
University Of Delhi



- The first principle of true teaching is that "nothing can be taught." It signifies that a child can learn many things on their own and does not need to be force-fed through imposition by adults or teachers. The teacher's stance should shift from a strict taskmaster to a helper and facilitator. Their task is to act as a guide and build an attitude of love and compassion, care and patience. The teacher's major task is to help the child build knowledge through their own inner resources, as knowledge already lies within the child which the teacher needs to take out. One of the teacher's roles is to help children develop various mental faculties like concentration, observation through the senses, memory and analysis, logic or reasoning, imagination, and intuition, etc at all stages of his own development. The training of different senses at an early stage must be strengthened.
- The second principle is "consulting the mind in its own growth." You will find all over the world the principal of constructivism is now being accepted fully and being applied in many progressive schools. Each individual is different in nature, capacity, and potential. Each person has their own Dharma—their own duty or destiny to shape through their life. No teacher or parent should impose their own desires or career aspirations onto a child. Each one of us has been sent to the earth to fulfil a goal which is already decided and set. This act of pushing the child according to teachers and parents' desire is barbarous and dangerous to the child's future. Many parents these days they arrange beforehand the career of their own choice, rather than leaving on the choice of the child's interest and inclination. Sri Aurobindo says "the chief aim of education should be to help the growing soul, to draw out that in itself which is best and make it perfect for noble use. "The adult, parents and teachers need to develop a good and thorough understanding of child nature. accordingly, he/she should be offered to choose his /her own subjects of interest, thereby career. The child should be given opportunities to explore, adventure, experiment and find his true nature to nurture his own interest of study. A free and natural growth are essential for the real growth and development of child's potential.
- The third principle is "working from the near to the far, from that which is, to that which shall be." Now each one of us has his own past, own heredity and the land where one lives, breaks and grows. the land which nurtures him/her and affects the development of body, mind and feelings. Each child has a life goal and it is god's own arrangement that he/she should belong to a particular nation and society.

Nothing foreign or alien to a child's immediate surroundings should be compelled to him to do or follow in early years. Let the child learn everything first from his own immediate surroundings and later can be offered all that is not local or immediate.

"THE PAST IS OUR FOUNDATION, THE PRESENT OUR MATERIAL, THE FUTURE OUR AIM AND SUMMIT EACH MUST HAVE IT DUE AND NATURAL PLACE IN A NATURAL SYSTEM OF EDUCATION."

-SRI AUROBINDO

Understanding Learner Autonomy

Empowering Students to Take Charge of Their Learning

Dr. Divya Bartaria,
Associate Professor Chemistry,
Dean Corporate and Industry Relations,
United Group of Institutions Prayagraj,
President - NHRDN Prayagraj Chapter



In today's rapidly evolving educational landscape, the role of the learner is undergoing a profound transformation. The traditional classroom model—where teachers impart knowledge and students passively receive it—is gradually giving way to a more dynamic and learner-centered approach.

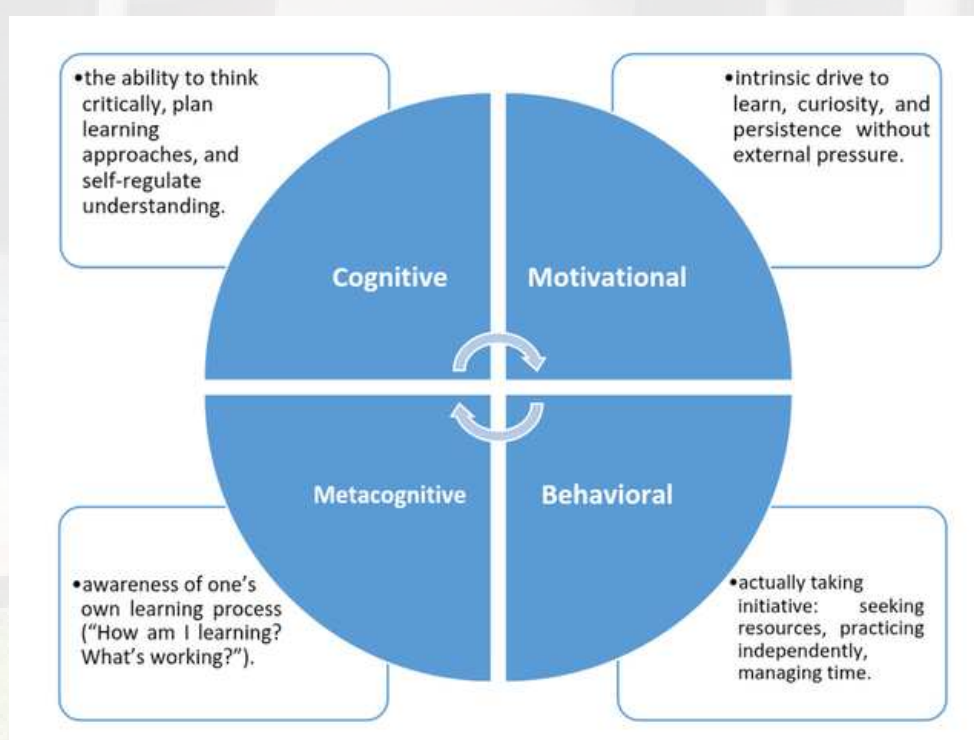
At the heart of this shift lies the concept of learner autonomy.

Learner autonomy is the capacity and willingness of individuals to take charge of their own learning. It involves developing the confidence, motivation, and skills necessary to make informed decisions about what, how, and why they learn. Autonomous learners are not dependent solely on teachers for knowledge; instead, they actively engage in setting goals, selecting strategies, monitoring progress, and evaluating outcomes.

Core idea: The learner moves from being a passive recipient of knowledge to an active agent in constructing it.

There are 4 Key Dimensions of a Learner's Autonomy:

1. Cognitive
2. Motivational
3. Behavioral
4. Metacognitive



Let us try to understand why Learner Autonomy is Important:-

Promotes Lifelong Learning In the age of information, knowledge is constantly changing. Autonomous learners develop the habit of continuous learning, enabling them to adapt to new technologies, careers, and societal demands throughout life.	Enhances Motivation and supports Personalized Learning When learners participate in decision-making, they feel more connected to the learning process, which increases intrinsic motivation and enthusiasm. Every learner is unique. Autonomy allows students to learn at their own pace and according to their interests, abilities, and preferred styles.
Builds Critical Thinking and Problem-Solving Skills Autonomous learners learn to question, analyze, and evaluate information independently. These skills are essential in academic, professional, and personal contexts.	Encourages Confidence and Responsibility Taking responsibility for learning fosters self-confidence. Learners become more resilient, self-aware, and accountable for their progress.

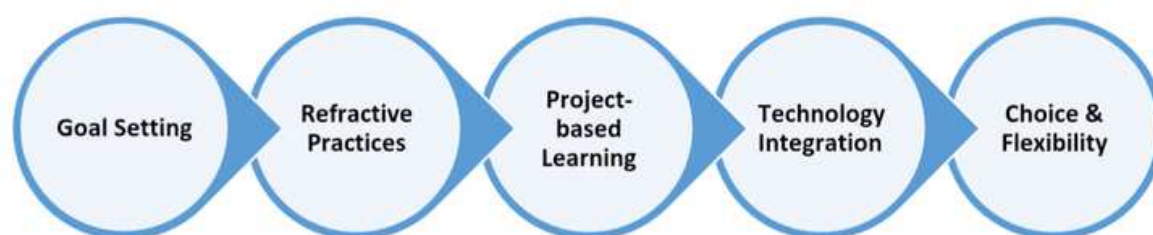
The Teacher's Role in Developing Autonomy

Contrary to common misconceptions, learner autonomy does not diminish the importance of teachers. Instead, the teacher's role evolves from being a sole knowledge provider to a facilitator, mentor, and guide. Teachers can promote autonomy by:

- Encouraging inquiry-based learning
- Providing choices in assignments and projects
- Teaching goal-setting and reflection strategies
- Using collaborative learning activities
- Integrating technology and self-access resources
- Offering constructive feedback rather than direct answers

Strategies to Foster Learner Autonomy

We as the teachers and mentors must encourage students to define short-term and long-term Learning goals helping them develop direction and purpose. Further Refractive Practices such as learning journals, self-assessment checklists, and reflection activities encourage students to evaluate their learning experiences critically. Projects promote independent research, creative decision-making. Digital platforms, online courses, educational apps, and open resources allow learners to access information anytime and anywhere. Giving learners choices in topics, methods, or assessment formats increases engagement and ownership.



Challenges in Promoting Learner Autonomy

Despite its benefits, implementing learner autonomy can be challenging. Some learners may initially struggle with responsibility due to dependency on traditional teacher-led methods. Similarly, rigid curricula, examination pressure, and lack of resources can limit opportunities for autonomous learning.

Teachers may also require training to effectively facilitate learner-centered environments. Therefore, educational institutions must support both educators and learners through appropriate Policies, resources, and professional development.

Learner Autonomy in the Digital Era

The digital revolution has significantly expanded opportunities for autonomous learning. Online learning platforms, virtual classrooms, podcasts, educational videos, and AI-powered tools enable learners to access knowledge independently.

However, digital autonomy also demands skills such as time management, information evaluation, and digital literacy. Therefore, learners must be guided not only in accessing information but also in using it responsibly and effectively.

Conclusion

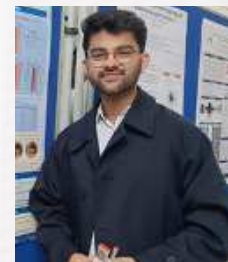
Learner autonomy is not merely an educational trend; it is a necessity for the 21st century. In a world driven by innovation, adaptability, and continuous learning, students must be empowered to become independent thinkers and lifelong learners.

By fostering autonomy, educators prepare learners not only for examinations but also for real- word challenges. When learners take ownership of their education, learning becomes more meaningful, engaging, and transformative.

Ultimately, the goal of education should not be simply to teach students what to think, but to help them learn how to think, explore, and grow independently.

Beyond Screens: What Studying Imaging in Extended Reality Taught Me About the Future of Education

Mr. Aryaman Sharma
Computer Vision Researcher,
Trust Stamp,
Malta, Europe.



When I first began my Erasmus Mundus master's program, Imaging and light in Extended Reality (IMLEX), I thought I was entering a highly technical field focused mainly on virtual reality, computer vision, and immersive technologies. What I did not fully realize at the time was how deeply Extended Reality (XR) could influence the future of education itself.

Studying across countries like Finland, France, and Japan exposed me not only to advanced research environments, but also to a different vision of learning, one where education becomes interactive, immersive, and experience-driven rather than limited to textbooks and traditional classrooms.

Today, technologies such as Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR), collectively known as XR, are gradually transforming how students learn, interact, and understand complex concepts. While XR is often associated with gaming or entertainment, its applications in education and science may become some of its most impactful contributions in the coming years.

One of the biggest limitations of traditional education is that many concepts remain abstract. Students are often expected to understand three-dimensional structures, scientific systems, or historical events through two-dimensional diagrams and static explanations. XR changes this completely by making learning spatial, visual, and interactive.

During my studies in Imaging in Extended Reality, I saw how immersive technologies could create environments where students do not simply observe information, but they experience it through live demos and self-guided projects. Imagine learning human anatomy by walking through a virtual human body. Imagine engineering students assembling machines in collaborative virtual spaces before touching real equipment. Imagine medical trainees practicing surgeries through realistic simulations without risks to patients. These experiences are far more engaging than passive memorization because they allow students to interact directly with knowledge.

This is where XR becomes powerful.

Human beings naturally learn better through experience and interaction. XR bridges the gap between theory and practical understanding by making invisible or complex systems easier to visualize. In scientific education, immersive learning can significantly improve comprehension and retention.

As someone working in computer graphics and 3D reconstruction research, I became increasingly

interested in how immersive visualization can help people understand complex information more intuitively. Scientific data, simulations, and spatial environments often become easier to analyze when viewed interactively in three dimensions rather than on flat screens.

Many international universities are already exploring these possibilities.



Fig 1: (a) Playing an open world game with rigid boundaries to learn about environmental safety in the real world is always an important and initial step in learning to navigate in the virtual world. (b) Motion Capture Suit with VR Headset to also capture fine body movements rather than relying on controller-based movements

Many institutes encourage students to play around with XR tools and understand the intricacies and challenges of a virtual/augmented world. In some research environments, students use VR simulations for collaborative learning, virtual prototyping, and interactive experimentation. Researchers use immersive visualization tools to better understand scientific data in fields such as medicine, robotics, climate science, and artificial intelligence. XR is becoming more than a display of technology; it is evolving into a learning and research interface.

One of the most interesting aspects of studying abroad was seeing how educational infrastructure supports experimentation with such technologies. Universities encouraged interdisciplinary collaboration between engineers, UX developers, and researchers. Students were not only taught how to use technology, but also how to question its purpose and societal impact.

This environment encourages creativity and independent thinking.

Unlike traditional systems that often focus heavily on examinations and theoretical performance, much international research-based programs encourage project-based learning. Students learn by building prototypes, testing ideas, and solving real-world problems. XR technologies fit naturally into this educational philosophy because they encourage exploration and interaction rather than passive observation.

At the same time, XR also presents important opportunities for countries like India.

India has one of the world's largest student populations and rapidly growing digital infrastructure. XR technologies could potentially improve accessibility and quality in education, especially in areas where physical resources are limited. Virtual laboratories, immersive science simulations, and interactive educational environments could help bridge gaps between urban and rural educational access.

For example, students without access to advanced laboratory equipment could still perform virtual experiments through immersive simulations. Medical students could learn anatomy interactively. Architecture students could explore full-scale 3D designs before construction. Historical education could become more engaging through reconstructed cultural environments and immersive storytelling.

The potential is enormous. However, technology alone is not enough. One important lesson I learned abroad is that educational innovation depends not only on devices and infrastructure, but also on mindset. Technology becomes meaningful only when it encourages curiosity, creativity, collaboration, and critical thinking. XR should not replace teachers or traditional learning completely. Instead, it should enhance education by making learning more engaging, accessible, and experiential. The goal is not simply digitalization, but deeper understanding.

There are also challenges that must be addressed.

XR systems can be expensive, and unequal access to advanced technologies may widen educational gaps if implementation is not inclusive. Teachers need proper training, and educational content must be designed thoughtfully rather than using technology only for novelty.

Still, the future remains exciting. As immersive technologies continue to evolve alongside artificial intelligence, computer vision, and interactive graphics, education itself may become more personalized and experience-driven than ever before. Students may increasingly learn through simulations, virtual collaboration spaces, and interactive digital environments that adapt to their needs.

For me, studying XR was not only about learning advanced technology. It was about understanding how technology can reshape human learning and communication. Perhaps the future classroom will no longer be defined by walls, blackboards, or even physical presence. It may become a space where students can step inside ideas, interact with knowledge directly, and learn through experience rather than memorization alone. And in many ways, that future has already begun.

Bio note: Aryaman Sharma is an early career XR Developer and Computer Vision Researcher with education from various European and Asian Institutes. His research includes 3D Reconstruction and rendering, and non generative Artificial Intelligence. He believed traditional methodology can always be complemented and improved with the help of modern tools, for example, Chalk and Blackboards with Smartboards.



Learning Across Borders: **How Moving Between Academic Cultures** **Builds and Tests Learner Autonomy**

Mr. Gowrish Ravindra Prabhu

Max Planck Institute of Geoanthropology, Jena, Germany,

University of Peloponnese, Kalamata, Greece



My grandfather used to tell a story about our ancestral home in Mangalore - a 300- year-old house beside a elevated patch that allegedly concealed a treasure hidden upon which a deity sits. As a child, with wild methodology, slightly chaotic, commitment that only a ten- year-old can sustain. I never succeeded in convincing others to dig it. But the story planted something else: What I found instead, years later and several thousand kilometers from home, was that the looking itself had been the point all along. I just needed three countries, two master's degrees, field and lab workouts and a rather argumentative seminar rooms to figure that out.

I realised that the search had never really ended. It had simply changed the understanding of it, to its true form, that is *(I'll let you know in the end)*

Coming to the theme of the magazine, as I have to throw some words related to that, otherwise might sound a bit like it's my eulogy.

So, learner autonomy is one of those phrases that educational theory wields with great confidence and occasional imprecision. In most classroom definitions, it means the ability to study independently, manage your own time, and take initiative with coursework which is straightforward enough, unremarkable enough to put on a motivational poster. But spend time in a foreign university system, far from the academic culture that trained you, and the definition expands dramatically. At its most foundational, it was defined by Henri Holec (1981) as "the ability to take charge of one's own learning" is a deceptively simple formulation that has anchored decades of pedagogical debate. Little (1991) extended this to encompass "a capacity for detachment, critical reflection, decision-making, and independent action," which begins to get closer to what the concept feels like in practice. In plain terms, it means not waiting to be told what to think, how to think it, or when to begin. It means taking epistemic ownership of a problem, sitting with uncertainty, making a judgment call, and living with the consequences of that call intellectually. Autonomy stops being a learning style and becomes a survival strategy and in the awkward, disorienting process, transforms into something far more powerful.

What neither definition quite captures, however, is this: learner autonomy is not distributed equally across all educational environments, and it is not a personality trait you either have or lack (can be, but far from only). It is situationally triggered. And one of the most powerful triggers, though rarely discussed in the literature, is the experience of moving between academic cultures entirely (Palfreyman & Smith, 2003). Or, to put it in the plainest possible terms: nothing teaches you to think for yourself quite like being dropped somewhere that has absolutely no idea what you are doing and neither do you.

The Classroom That Built the Foundation

My first five/six years of formal archaeology education happened at The Maharaja Sayajirao University of Baroda - one of India's most distinguished institutions (formerly), with a curriculum as wide as it is rigorous. The system was largely professor-anchored: lectures were authoritative, examinations comprehensive, and the path through a subject was, for the most part, pre-laid. This is the description that tends to attract the label "teacher-centred" in Western educational discourse, and with it, an implicit suggestion that students in such systems are somehow less autonomous. That suggestion is worth challenging or frankly, worth burying.

What the Baroda system gave me was not passive absorption. It was depth, patience, and the discipline of sustained engagement with a problem (maybe). Skills that do not announce themselves loudly in a seminar room but prove themselves quietly in a dissertation, I hope it still is the case with introduction of NEP and interesting committees in the top guiding what we learn. My BA and MA researches, being part of curriculum and focused us to think, did help getting up from the hopelessness trained until 12th. Did some scientific studies, though lot of mistakes, experimental limitations and graded **B**, today that exact projects have got me some things focusing on grade **A** straight forward topics might not have. Like my phosphorus analysis thesis on Shikarpur a Harappan site, required me to build a geochemical Methodology from constituent parts, across disciplines, without a single text that covered both the archaeological interpretation and the laboratory science simultaneously: (Prabhu et al, 202X) will publish soon, someday, wait for it. Nobody assigned that problem to me in convenient pieces. I had to hold the entire thing in my head and find a way through it. That is learner autonomy. It simply looked like quiet persistence rather than debate and it is no less, real and no less hard-won, for that.

Three Countries, Three Versions of Independence

The revelation came in stages and by "stages" I mean three distinct moments of walking into a room and realising the rules had completely changed without anyone sending me the update. When I arrived in Greece in 2023 to begin my MSc at the University of the Peloponnese, I encountered an academic culture that operated on a different set of assumptions, and they applied immediately, without warning or orientation-week caveat. European seminars do not wait for you to be called upon. Peers push back on your interpretations as a matter of course, not as a sign of hostility. On the contrary also, they also offer hands toward alternative prospects. Expressing uncertainty out loud is not an admission of failure, it is a methodological move. The autonomy demanded here was not the quiet persistence I had trained in Baroda. It was the audible, argumentative kind, and I had to learn it fast, midsentence, in a room full of people who had grown up doing exactly that, and found my hesitation mildly baffling: the idea that professors could be corrected, that you could speak your thoughts on your area of expertise in territory where they had none and not patronize you.

What I had to watch, though, was the flip side of that freedom. Classes were not mandatory, submissions could be pushed, teachers were kind but not micromanaging you - reasonably so, since many students worked part or full-time simultaneously. That leniency is worth naming as a genuine risk. Left unmanaged, it can quietly become a cancer to your career.

Defending your research to peers whose default posture is challenge: somewhat equally, though differently, in both India and Greece, forced me to justify not just my data but my interpretive choices at every turn. I was not less prepared than my European classmates. I was prepared differently.

Learning the difference, and then bridging it, was itself an act of intellectual self-direction that no course module had scheduled, no handbook will warn you about, and no motivational poster has ever covered. But it is a smooth process - no panic, no complaints, keep-calm mode. You can do it too, it is easy.

Germany introduced a third model altogether. At the Max Planck where I currently am an intern, the environment is built around researcher independence at a level that is, to put it plainly, quietly terrifying the first week and quietly exhilarating by the second. Once you discuss the work in a meeting, you are on your own or rather, you are supposed to be. You run your own analyses, manage your own data pipelines, and the interpretive work, well - perhaps that is partly my supervisors' territory anyway. The question the institute implicitly asks is not "did you complete what was assigned?" It is "what did you find and - what do you make of it?" The weight of that second question, the first time it lands, is considerable.

None of these three systems handed me learner autonomy on a plate. Each one demanded a different version of it, and quietly, sometimes painfully, delivered it anyway.

What the Movement Itself Teaches

There is something that happens when you move between academic cultures that no single institution, however excellent, can manufacture inside its own walls. You develop what cognitive scientists like Nguyen (2014) call metacognition, the ability to observe your own learning, to notice not just what you know but how you are coming to know it that; which is sometimes difficult to obtain in stagnant environment. When the rules for demonstrating competence keep changing around you, you are forced to locate your identity as a learner in something more portable than the customs of any one system. You stop being a student of a particular place. You become, somewhat reluctantly and then gratefully, simply someone who knows how to figure things out.

I have conducted fieldwork in Gujarat, Karnataka, Maharashtra, Andhra Pradesh, and in Greek sites both island and inland. Each site demanded that I read a new context, interpret ambiguous evidence, different methodology and acts without a script. The same was true in every seminar room I walked into on a new continent. In both cases, the trench or classroom - the skill being tested was identical: the capacity to reason carefully in the absence of certainty. Mobility does not just fill your CV with interesting stamps. It trains your mind in a way that stability, however comfortable, **simply cannot.**

What This Means for Every Learner

You do not need to cross a border to develop learner autonomy, but you do need productive disruption: moments where the framework does not provide a ready answer and the only option is to think your way through. As Palfreyman & Smith (2003) say - That discomfort is not a flaw in the system.

It is the system. It is also worth saying plainly I think: we the students from non-Western educational backgrounds are not passive learners. They are autonomous in ways that look different - through depth rather than debate, through endurance rather than argument, through the willingness to stay with a problem long after the seminar has moved on. The goal should not be to

replace one mode of independence with another. It should be to access both and to know, in any given moment, which one the situation requires.

The treasure my grandfather described was probably never in the floors or the walls of the house. It was in every question asked while looking for it, in every soil layer sampled, every ceramic sherd logged, every seminar room entered with slightly too much confidence and slightly too little context.

“The questions, not the answers, were the treasure”.

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End Credits



Image 1: Is treasure still there?



Image 2: Plato & Socrates judging my arrival!

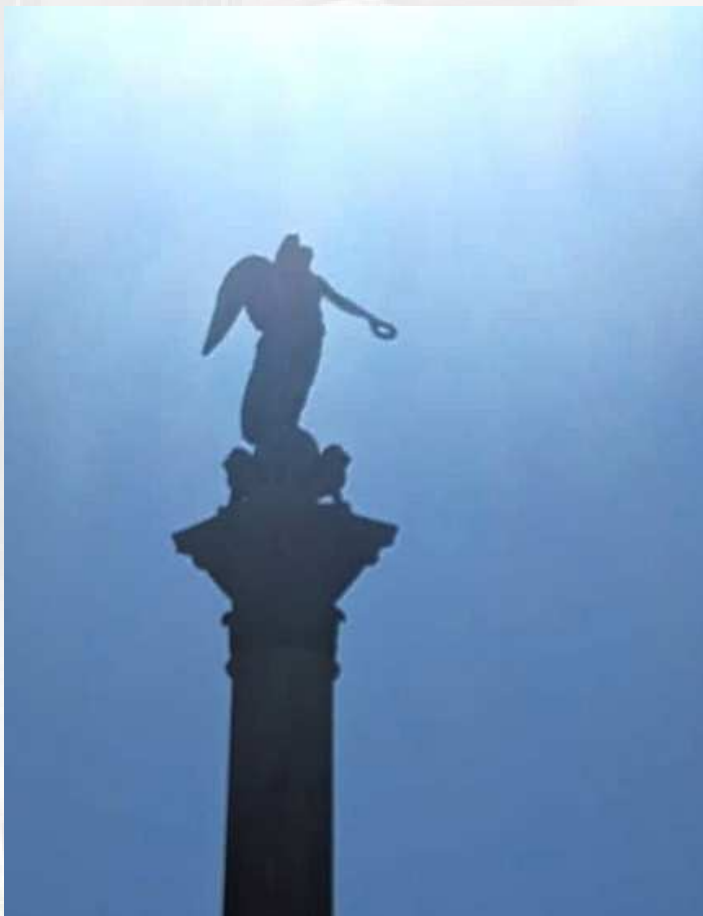


Image 3: Concordia showing me the way in Stuttgart



Image 4: The author alongside a long-term collaborator - previous treasure-seeker, comparing notes at MPI Lab, He found what he was looking for. I am still working on it.

Bio note: Gowrish is an archaeologist and archaeometrist currently completing an MSc in Archaeometry and Digital Archaeology at the University of the Peloponnese, Greece, and conducting a research internship at the Max Planck Institute of Geoanthropology under Dr. W. Christopher Carleton and Dr. Patrick Roberts.

ORCID: 0009-0005-2500-7414

Correspondence: gowrish2000@gmail.com



The Museum as a Laboratory for Learner Autonomy

Ms. Ramyani Sengupta
Consultant Researcher And Archivist,
IMPACT (The MAP Academy)



A choice between an audio guide and a human guide brings a visitor to a familiar threshold. Although it might seem like a small decision, almost trivial, yet in that moment, a whole philosophy of learning is quietly at work. How you might think? One option offers pace, privacy, and self-direction; the other offers conversation, responsiveness, and the warmth of another mind, most importantly for many. A museum, is never only about objects. Yes, you read it right. It is about how people come to know those objects, and what happens to them in the process.

As a museologist, I have often observed visitors move through galleries as if they were only looking. But looking is never only observing. It is choosing, comparing, hesitating, returning, and sometimes being changed. In this context, museum education is not an ornamental addition to formal learning rather a teaching method in its own right. One that's significantly effective outside the classroom, but never outside the act of education. It teaches through engagement, through interpretation, and through the quiet but powerful freedom to think for oneself.

Museum Education beyond the classroom

The museum does something far more unruly than the classroom. Rather organizing learning through sequence, explanation, and assessment, it places the learner in front of traces, fragments, objects, and spaces without a single correct answer attached. The visitor must do some of the work. Notice. Infer. Ask.

This specifically ignites the beginning of the learner autonomy. It is neither isolation nor abandonment, but guided independence. The museum supports the visitor's mind by providing a framework- labels, guides, layouts, sounds, digital tools and leaves it up to the visitor to construct meaning. Distinguishing this as the Museum Education, an important informal teaching method. The learner here is not a container to be filled, but a mind already capable of making interpretation.

Curiosity as the first spark

Autonomous learning should not be associated with discipline alone, rather with curiosity. An unfamiliar object, an abrupt silence, an alarming image, these create the curiosity gap, the trivial but enticing distance between what a person perceives and what they want to comprehend. I am sure every museologist/ museum educator has that one memory that refuses to file itself away, and for me, that exact moment arrived at Smritivan Earthquake Memorial and Museum in Bhuj, Gujarat.



Fig 1: Internal Architectural Elements (left); Fig 2: Sneak peek of gallery (right)

At Smritivan, that gap felt nearly physically. The 5D simulator throws visitors off guard; the reaction is immediate, visible, an emotional. Expressions change. Bodies stiffen. Attention sharpens. Before visitors have time to intellectualize the experience, the museum has already done something important: it has made learning felt. The visitor isn't present anymore rather involved.

The galleries continue this process in a more sobering register. One of the most striking is the gallery that depicts the devastating aftermath of the earthquake — the shattered landscape, the bodies piled up, the buildings reduced to something almost unrecognizable. It is not an easy scene, nor should it be. A museum dealing with disaster must resist the temptation to beautify suffering or reduce it to spectacle. Smritivan's strength lies in its ability to confront the visitor with devastation while still inviting reflection rather than collapse into voyeurism.



Figure 3&4: Shattered Landscape, the bodies and the buildings reduced to almost unrecognizable.

Smritivan and the work of meaning

Smritivan cannot be described as a conventional museum because it is a memorial landscape, a sensitive atmosphere, and an educational space shaped by architecture as much as by its displays. Its thematic galleries sectioned as — Rebirth, Rediscover, Restore, Rebuild, Rethink, Relive, and Renew, propose a journey, but they also suggest a pedagogy. They guide the visitor through layers of memory, responsibility, and interpretation.

The very moment where the museum becomes a laboratory. Not a laboratory in the scientific logic of monitored experimentation, but in the deeper sense of testing how meaning is created, a statement engraved in the minds of the visitors. The museum makes sure that the visitors move through, feel, interpret through their own background, age, memory, and emotional readiness instead of simply receiving an earthquake's story.

Museum theory often states of visitor identity and meaning-making. Visitors from diverse background, age, memory, and professions enter with different assumptions and different perceptions. With the motive of making each perception unique and important enough to be heard, museums make room for them than moulding it into one making autonomy real: not uniformity, but interpretive agency.

The hidden curriculum of museum space

Can you imagine teaching without speaking? That's what museums do! If I may say, the "hidden curriculum" of a museum space exists in the light, the elevation of a pedestal, the ergonomics of a display, the tone of a label, the presence of a museum signages. These details may seem inconsequential, but they convey a powerful psychological message. These elements direct the visitor's thoughts to the kind of behaviour that is expected, who is imagined as the ideal audience, and whether independent thinking is genuinely welcomed.

The museum space performs an educational text of its own. Does it invite curiosity, or does it quietly enforce compliance? Does it make the visitor feel capable, or merely controlled? These are not only design questions. They are questions about pedagogy and authority.

In a memorial museum such as Smritivan, the hidden curriculum is especially momentous. The space asks for reverence, but reverence need not mean passivity. A well-designed memorial museum can encourage reflection without shutting down thought. The visitor should feel the gravity of the place, but also the legitimacy of their own interpretive response. This balance is delicate, but crucial.

ICT and the human touch

Digital tools, audio guides, apps, augmented reality, interactive displays, all of these can deepen autonomy by allowing visitors to move at their own pace, revisit information, and choose their own level of engagement. For some visitors, that privacy is a need than a gift. It offers self- authority without awkwardness, especially when the content is emotionally challenging or intellectually unfamiliar.

But technology can also become a barrier if it draws attention away from the object rather than towards it. The best digital mediation does not trap the visitor in the screen. It enriches the encounter and then quietly steps aside. A successful digital guide is one the visitor eventually feels comfortable putting in their pocket.



Fig 5&6: Audio Guide and digital tools both narrating the object's context and assisting the visitor.

The human guide, meanwhile, offers a different kind of freedom. That social dimension matters because learning is never purely individual. Even autonomy is shaped in relation to others. The strongest museum experiences often happen when ICT and human mediation work together rather than compete.

Assessment as meaning-making

Meaning- making is directly related to the assessment procedure in museum spaces. In memory, in conversation, and in coming back. Did it evoke new question in the visitors? Were they able to make a connection? Are they carrying something back with them beyond facts?

That is the museum's feedback loop. Learning shows up in a dinner-table conversation, a sudden recollection, or a transformed way of looking at an object or event. In this regard, assessments in museum education are less about modification and more about acknowledgement. An interpretation may be private, emotional, or unfinished. Visitors are not always wrong when they interpret differently. Sometimes it is needed as they are bringing different perspectives and lives into one room.

Inclusion and Universal design

Learner autonomy cannot be meaningful if access is unequal. A visitor cannot learn independently if the museum speaks only one language, assumes one kind of body, or offers only one mode of engagement. That is why inclusion must be central to museum education, not added on later as a courtesy.

Thoughtful usage of universal design and ICT can expand autonomy like multilingual interpretation, audio support, tactile cues, accessible interfaces, captions, and flexible pathways allow more minds to partake as independent learners. Accessibility is not a technical feature. It is an ethical one.

Closing Reflection

My takeaway from Smritivan was how it shows us that a museum can be emotionally arresting without being manipulative, and intellectually serious without becoming restricted. It reminds us that gaining knowledge is not only about remembering facts. It is about engaging and interpreting with the world in its own way.

That is the quiet power of museum education. It does not dictate the visitors about their actions and thoughts. It provides them with enough to think with, and then trusts them to begin. In that trust lies autonomy. In that autonomy lies learning. And in that learning, perhaps, lies the deepest promise of the museum.

Bio note: Ramyani Sengupta is a museologist and museum educator who thinks of galleries as quiet classrooms without timetables. Trained in Archaeology and Museology, she has worked with collections, education, and outreach in Indian museums, experimenting with ways to make visitors not just look at objects, but think with them. Her research interests include material culture, cultural memory, and inclusive learning in museums.



Learner Autonomy as a Social Process: The Interplay of Family, Community, and Learners in shaping the Understanding of Cultural Heritage in India

Mr. Ankit Chanchal
PhD Scholar in Heritage Studies,
School of Heritage Research and Management,
Dr. B.R. Ambedkar University Delhi



Abstract

In contemporary educational discourse, “learner autonomy” has emerged as a central objective, emphasizing the development of individuals capable of self-directed learning, critical thinking, and independent decision-making. Although institutional frameworks and pedagogical strategies have been extensively examined, the influence of family and community environments, which are equally significant, has received relatively less research attention. This article explores how family structures, socio-cultural environments, and community networks contribute to shaping autonomous learners. Drawing upon socio-cultural theory, ecological systems theory, and contemporary educational research, this study argues that learner autonomy is not merely an individual cognitive achievement but a socially mediated process. Furthermore, the article investigates the extent to which disparities in socio-economic conditions and cultural capital impact the development of autonomy, while also underscoring the need for inclusive and context-sensitive educational policies. The paper further explores how learner autonomy within family and community structures help to understand cultural heritage landscape.

Introduction

The concept of learner autonomy has gained prominence in educational theory, particularly in the contexts of lifelong learning and knowledge-based societies. A comprehensive interpretation of learner autonomy was first provided by Henri Holec (1981), who described it as “learner control”. In other words, learner autonomy entails assisting learners in taking responsibility for their own learning processes. He broadly defined it as “the capacity to take charge of one’s own learning” (Holec, 1981:3); this encompasses skills such as self-regulation, goal-setting, and critical thinking. Although schools and teachers play a crucial role in fostering these capabilities, learners do not exist in complete isolation. They are deeply embedded within their families and communities, which significantly influence their perspectives, motivations, and opportunities for independent learning. According to Benson (2001), learner autonomy implies exercising control over the management of learning, cognitive processes, and learning content. While control over the management of learning refers to the behaviors learners employ for planning, control over cognitive processes relates to the psychology of learning.

Furthermore, control over learning content pertains to the freedom learners possess to determine their own goals and objectives. Little (1991) argues that learner autonomy “is essentially a matter of the learner’s psychological relation to the process and content of learning a capacity that involves skills of detachment, critical reflection, decision-making, and independent action”(Little 1991:4). Learners are capable of acting independently within their learning processes. In other words, a certain degree of freedom is essential for the development of learner autonomy. Dickinson (1987) describes autonomy as “a situation in which the learner is entirely responsible for all the decisions concerning his learning and the implementation of those decisions” (Dickinson 1987:11). Traditional educational paradigms often view autonomy as an individual trait, focusing their attention solely on the cognitive development that occurs within the classroom environment. However, this perspective overlooks the broader socio-cultural influences that shape learning experiences. The family environment, parental involvement, and community engagement collectively create conditions under which autonomy is either fully fostered or inhibited. Therefore, it is essential to adopt a holistic approach to understanding learner autonomy, one that encompasses these external influences as well. In other words, the concept of learner autonomy is deeply intertwined with the idea that one of the primary objectives of (adult) education is to empower learners to play an active role in a participatory democracy (Little 1991:1).

In the Indian context, the concept of learner autonomy finds expression even within classical Sanskrit literature. The Sanskrit term *svādhyāya* literally translates to “self-study,” and it primarily refers to the recitation of texts. It has manifold applications; for instance, it is enumerated as the fifth of the six *niyamas* (observances) in classical Yoga (YS 2.32). In that context, it is stated that this practice connects the individual with their chosen *Iṣṭa-devatā* (personal deity) (*Svādhyāyād iṣṭa-devatā-samprayogaḥ*; ŚS 2.44) (Killingley 2014). The first mention of *svādhyāya* in the *Manusmṛti* appears as an incidental reference within the second chapter. This chapter primarily concerns the transmission of the Vedas and the ritualistic processes employed to preserve them a scope that includes *brahmacharya*, a disciplined (celibate) lifestyle deemed essential for a Vedic student. *Svādhyāya* is a compound word composed of two constituent parts: *sva* and *adhyāya*. *Sva* signifies “self,” while *adhyāya* denotes “inquiry” or “exploration.” Thus, the term and concept of *svādhyāya* carries a dual significance: study by the self (self-study) and study of the self. The dimension of “study by the self” as traditionally understood pertains to the recitation or study of the Vedas, scriptures, and other sacred texts; conversely, “study of the self” is interpreted as encompassing self-analysis, introspection, self-reflection, an examination of one’s own thought processes, and the observation of one’s behavior and actions culminating, ultimately, in self-control and the mastery of one’s own capabilities (Grover 2015). Drawing upon established theoretical frameworks and empirical research, this article examines the pivotal role played by the family and the community in the cultivation of autonomous learners.

It seeks to find answers to the following key questions: How do family practices influence the development of autonomy? What role do community networks play in reinforcing or hindering the process of independent learning? And how do socio-economic and cultural factors mediate these processes? Finally, this article aims to explore how learner autonomy helps us understand the landscape of cultural heritage, and how significant it is for Heritage Studies.

Theoretical Framework

Sociocultural Theory: Sociocultural theory, primarily associated with Vygotsky (1978), emphasizes that learning is inherently a social process. Cognitive development occurs through interactions with individuals who are more knowledgeable including parents, peers, and community members. The concept of the 'Zone of Proximal Development' (ZPD) highlights how learners acquire new skills with guidance and subsequently internalize them into their independent behavior. This framework underscores the significance of the family and community as mediating agents in the development of autonomy.

Ecological Systems Theory: Bronfenbrenner's (1979) ecological systems theory offers a comprehensive perspective for understanding how various environmental systems influence human development. The microsystem (family, school), mesosystem (interactions between these entities), and ecosystem (community structures), all contribute to shaping the learner's behavior. In this context, autonomy is not merely an individual outcome but rather the result of the interactions occurring among these interconnected systems.

Cultural Capital and Habitus: Bourdieu's (1986) concept of 'cultural capital' further elucidates how family background influences educational outcomes. Cultural capital encompasses linguistic competencies, educational resources, and dispositions that facilitate academic success. Families possessing greater cultural capital are better positioned to nurture autonomy by providing a supportive environment and access to resources.

The Family as the Primary Context for Learning

Parental Involvement and Support: The family constitutes the earliest and most influential context in which the learning process begins. Parental involvement has been consistently linked to improved academic performance and increased learner autonomy (Epstein, 2018). Supportive parenting practices such as encouraging curiosity, fostering problem-solving skills, and allowing children to make decisions help in developing independence. Epstein describes the following types of parental involvement in the learning process:

1.Parenting: Families create a supportive home environment that promotes learning through health, safety, nutrition, and positive parenting practices. Schools assist in this through parent education, family services, and home visits; however, reaching every family can be a challenging task.

2.Communication: Effective two-way communication between the school and the home ensures that parents remain informed about the curriculum, activities, and student progress. This is facilitated through methods such as meetings, report cards, phone calls, and messages, enabling parents to provide feedback on various issues and stay connected with teachers.

3.Volunteering: Parents actively participate in various school activities such as assisting with classroom tasks, attending various events, and supporting administrative functions. This strengthens the bond between the school and the community, although scheduling and recruiting a large number of participants can be difficult.

4.Learning at Home: Parents support their children's education through homework assistance, reading, and conversation. Schools provide guidance and resources to help parents understand their child's learning style though consistently implementing this is often the most challenging aspect.

5.Decision-Making: Parents participate in school operations, policy formulation, and improvement initiatives. This fosters a sense of belonging among them, strengthens their networks, and ensures that families' voices are heard in decisions that impact their children.

6.Collaborating with the Community: Schools partner with community agencies and organizations to enhance educational programs and deliver services. Such collaborative efforts benefit the children, their families, and the community as a whole. Conversely, an overly controlling or authoritarian parenting style can stifle children's autonomy, as it limits their opportunities for independent learning. Research indicates that autonomy- supportive parenting which involves encouragement and emotional support is more effective in cultivating habits of independent learning in children (Deci and Ryan, 2000).

The Home Learning Environment: The home environment plays a pivotal role in shaping a child's attitude toward education. Access to books, digital resources, and intellectually stimulating activities fosters the development of independent learning habits in children. Families that prioritize education create a home environment where learning is valued, thereby inspiring children to take their own initiative. However, due to disparities in socioeconomic status, access to such resources is often not equitable for everyone. Children from disadvantaged backgrounds may lack the necessary support, which can limit their capacity for independent action.



Parenting Styles and the Development of Autonomy

Baumrind's (1991) typology of parenting styles authoritative, authoritarian, permissive, and neglectful sheds light on how family dynamics influence autonomy. Authoritative parenting, which strikes a balance between guidance and independence, is most conducive to fostering autonomous learners. Conversely, authoritarian approaches may cultivate mere obedience rather than independence.

The Community's Influence on Independent Learning

Social Networks and Peer Interaction: Communities provide a broader social context in which learners interact with their peers and other role models. Within communities, learning from peers, mentorship, and collaborative activities contribute to the development of autonomy by exposing learners to diverse perspectives. Community-based learning initiatives such as local libraries, youth clubs, and cultural organizations offer opportunities for experiential learning that extend beyond formal education systems. These spaces encourage exploration and self-directed engagement.

Cultural Norms and Values: Cultural expectations significantly shape perceptions of autonomy. In some societies, collectivistic values prioritize interdependence over individual independence, thereby determining how autonomy is understood and practiced. This does not necessarily hinder autonomy; rather, it redefines it within a relational framework. For instance, in societies with a collectivistic culture, learners may demonstrate autonomy through responsible participation in group activities rather than solely through individual decision-making. Understanding these cultural nuances is essential for developing inclusive educational approaches.

Community Resources and Infrastructure: Access to community resources such as libraries, technology centers, and extracurricular programs plays a crucial role in supporting independent learning. Communities that invest in educational infrastructure provide learners with opportunities to explore their interests and independently develop skills. However, disparities in the distribution of resources often create barriers. Rural and marginalized communities may lack access to such facilities, thereby limiting the scope for autonomous learning.

Socio-economic Factors and Inequality

The Impact of Socio-economic Status: Socio-economic status (SES) is a significant determinant of educational outcomes. Families with higher SES are more likely to provide a supportive learning environment, access to quality education, and exposure to enriching experiences. These advantages contribute to the development of autonomy. Conversely, lower SES is often associated with limited resources, financial stress, and reduced parental involvement due to work obligations. These factors can hinder the development of independent learning skills.

The Digital Divide and Access to Information: In the digital age, access to technology has become essential for autonomous learning. The digital divide further exacerbates existing inequalities, as learners without access to digital tools face disadvantages in developing self-directed learning capabilities. Efforts to bridge this gap through community initiatives and government policies are crucial to ensuring equal opportunities for all.

Interplay Among Family, Community, and School

The relationship between the family, the community, and the school forms a dynamic ecosystem that shapes a learner's autonomy. Effective collaboration among all these stakeholders enhances the learning experience. Schools that involve families and communities in educational processes create a supportive environment that reinforces autonomy. Programs that promote parental involvement, community engagement, and culturally responsive teaching methods have been shown to improve learner outcomes. This integrated approach acknowledges that autonomy is not an isolated skill, but rather a collective achievement.

Implications for Educational Policy and Practice

Promoting Family Involvement: Educational policies should prioritize family involvement by providing resources and support to parents. Workshops, community outreach programs, and inclusive communication strategies can empower families to contribute effectively to their children's learning process.

Strengthening Community-Based Learning: Investment in community resources such as libraries and digital learning centers is essential for fostering autonomy. Collaborative initiatives between schools and community organizations can create rich learning environments.

Addressing Inequality: Policies must address socio-economic disparities by ensuring equitable access to educational resources. Targeted interventions for disadvantaged communities can help bridge gaps and promote autonomy among all learners.

Discussion: Learner Autonomy and Heritage Understanding

Learner autonomy is a multifaceted concept shaped by the complex interplay of individual, familial, and community factors. Although educational institutions play a significant role, the influence of family and community contexts cannot be overlooked. Supportive parenting practices, resource-rich home environments, and engaged communities create the necessary conditions for the development of independent learners. Furthermore, socio-economic disparities and cultural differences underscore the need for context-sensitive approaches to fostering autonomy. Recognizing learner autonomy as a socially mediated process enables educators and policymakers to formulate more inclusive and effective strategies. Ultimately, shaping independent learners requires a collaborative effort that extends beyond the confines of formal education, integrating the contributions of families, communities, and broader social structures.

In the Indian context, autonomous learning is deeply embedded within social and cultural structures particularly those shaped by the family and the community. In contrast to purely institutional models of education, learning in India often takes place through lived experiences, oral traditions, and collective practices. This becomes particularly significant in understanding cultural heritage landscapes; in India, these landscapes are not merely physical sites, but complex, living environments where history, belief systems, and daily life intersect. Therefore, families and communities play a central role in nurturing autonomous learners who can meaningfully engage with and interpret these landscapes within the framework of "Heritage Studies."

In India, the family serves as a primary medium for the transmission of cultural knowledge. Through practices such as storytelling, religious rituals, festivals, and linguistic traditions, individuals are introduced from a young age to the meanings and values embedded within their cultural heritage. For instance, participating in festivals like Diwali, Eid, Pongal, or Bihu is not limited merely to celebration; it also entails learning about historical narratives, ecological cycles, and regional identities. Such participation fosters curiosity and encourages learners to independently question, interpret, and internalize cultural meanings. This early exposure nurtures a sense of autonomy by enabling individuals to connect their personal experiences with broader cultural frameworks. There are numerous local and family-centric rituals, traditions, and festivities that are shaped entirely by community and family structures practices that hold profound influence and significance within the broader cultural context. Consequently, when a student enters an organized academic framework having already acquired knowledge through this autonomous process they are better equipped to comprehend India's values based on their own lived experiences. Furthermore, Indian families often maintain strong ties to their ancestral places whether these be villages, pilgrimage routes, or traditional neighborhoods. These locations serve as landscapes of cultural heritage, where knowledge is not formally taught but rather experienced. Visiting ancestral homes, participating in rituals at local temples or sacred sites, or engaging in agricultural activities enables learners to develop a tangible understanding of their heritage. This experiential learning strengthens their capacity to interpret landscapes viewing them not merely as static monuments, but as dynamic entities shaped by human interaction. The community extends this learning process by situating individuals within a broader socio-cultural environment. In India, communities play a pivotal role in sustaining heritage through collective practices such as community fairs, craft traditions, oral histories, and local governance systems. The maintenance of heritage landscapes such as ghats, stepwells, sacred groves, and historic urban settlements is undertaken not only by government institutions but also through community participation. Engagement with such sites allows learners to observe and participate in the ongoing processes that shape heritage, thereby fostering independent inquiry and deep reflection. For instance, community involvement in the conservation of traditional water systems such as stepwells or temple tanks offers learners insights into indigenous knowledge systems and sustainable practices. Similarly, participation in local craft traditions such as weaving, pottery, or folk performances enables learners to comprehend the socio-economic and cultural dimensions of heritage. These interactions encourage autonomous learning by allowing individuals to explore knowledge beyond the confines of textbooks and formal courses. An India-centric understanding of autonomous learning also underscores the significance of pluralism and diversity. India's cultural landscape is characterized by the coexistence of multiple languages, religions, and traditions within a single shared space. The environment of the family and community exposes learners to this diversity, enabling them to appreciate varied perspectives and fostering the development of critical thinking skills. Autonomous learners raised in such environments are better equipped to analyze how heritage is constructed, represented, and at times contested within academic and public discourse. In the field of Heritage Studies, the approach of autonomous learning is particularly valuable; it shifts the focus of study away from a narrow concentration solely on monuments toward a more inclusive understanding of heritage, one in which heritage is viewed as a living and participatory process. Autonomous learners, shaped by their family and community environments, are more inclined to question prevailing norms, recognize marginalized voices, and advocate for community-based heritage management. This aligns with contemporary approaches to heritage studies that emphasize sustainability, inclusivity, and the integration of local knowledge systems.

Furthermore, in an era characterized by rapid urbanization and globalization, families and communities play a pivotal role in maintaining cultural continuity. As traditional customs and landscapes face increasing threats, fostering a spirit of independent learning within these contexts ensures that individuals can adapt to changing circumstances and reinterpret their heritage. Learners who are deeply rooted in their cultural environments are more likely to engage in heritage conservation efforts and contribute to the preservation of India's diverse cultural landscapes. In conclusion, the role of families and communities is fundamental in shaping independent learners in India particularly within the context of landscapes intertwined with cultural heritage. By laying the foundation of cultural knowledge, facilitating experiential learning, and encouraging engagement with critical thinking, they enhance the understanding and significance of heritage within the field of "Heritage Studies". This integrated approach not only enriches academic research but also fosters sustainable and inclusive heritage-related practices within the Indian context.

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Bio Note: I am a doctoral candidate at the School of Heritage, Ambedkar University Delhi. My research is centered on Gender and Child Archaeology in India, with additional interests in the archaeology of North India, the urban archaeology of Delhi, Fashion in Ancient India, Museography Heritage Management, and Temple Art and Architecture. I have received training in History (D.U) Archaeology (A.S.I), Heritage Management (AUD), Sanskrit, and Translation Studies (D.U), and have been involved in significant excavations at Purana Qila (Delhi) and Rajgir (Bihar). I have published works on Delhi Archaeology and History, Gendered Material Culture, Museology, and Colonial Interaction with Indian Architecture and have presented research papers at both national and international conferences. Additionally, I have given talks at the Archaeological Survey of India and participated in academic forums alongside international scholars (University of Kent, U.K).



शिक्षार्थी की स्वायत्तता के लिए चुनौतियाँ और बाधाएँ

Dr. Km. Shakuntala

Assistant Professor

MJ College (An Autonomous PG College),

Kohka, Junwani Road, Bhilai. Chhatisgarh



शिक्षार्थी स्वायत्तता आधुनिक शिक्षा का एक महत्वपूर्ण सिद्धांत है, इसमें शिक्षार्थी सीखने की प्रक्रिया को स्वयं नियन्त्रित रखते हैं। इसका अर्थ है कि शिक्षार्थी अपने लक्ष्य स्वयं निर्धारित करते हैं, अपने सीखने के तरीके का चयन करते हैं, अपनी प्रगति का मूल्यांकन करते हैं और अपने अध्ययन की जिम्मेदारी स्वयं लेते हैं। शिक्षार्थी के स्वायत्तता से तात्पर्य क्षमता से है जिसके द्वारा शिक्षार्थी अपने सीखने को स्वयं संचालित करता है। साल के साल शिक्षक पर निर्भर नहीं रहता सीखने में भाग लेता है और स्वयं निर्णय लेता है।

शिक्षार्थी स्वायत्तता की प्रमुख विशेषताएँ :

- स्व-निर्देशन (Self-direction) – शिक्षार्थी स्वयं पहल करता है।
- जिम्मेदारी (Responsibility) – अपनी सफलता और अफलता की जिम्मेदारी लेता है।
- निर्णय लेने की क्षमता (Decision-making) – क्या, कैसे और कब सीखना है, यह तय करता है।
- स्व-मूल्यांकन (Self-assessment) – अपनी प्रगति का आकलन करता है।
- आंतरिक प्रेरणा (Intrinsic Motivation) – बाहरी दबाव की अपेक्षा आंतरिक इच्छा रखता है।

शिक्षार्थी स्वायत्तता का महत्व:

- आजीवन सीखने (Lifelong Learning) की क्षमता विकसित करता है।
- शिक्षार्थी में आत्मविश्वास बढ़ाता है।
- समस्या समाधान और चिंतनशीलता को प्रोत्साहित करता है। बदलते देश के अनुकूल बनने में सहायता करता है। सीखने की गुणवत्ता और तकनीकी में सुधार लाता है।

शिक्षक की भूमिका

- स्वायत्त शिक्षण में शिक्षक कार्य केवल ज्ञान देना ही नहीं बल्कि मार्गदर्शन करना होता है।
- शिक्षक आवश्यक संसाधन उपलब्ध कराते हैं।
- शिक्षार्थी को स्वतन्त्र रूप से सोचने के लिए प्रेरित करते हैं। अनुभव प्रदान करते हैं। लक्ष्य निर्धारण में सहायता करते हैं।

शिक्षार्थी स्वायत्तता को बढ़ावा देने की रणनीतियाँ

- लक्ष्य निर्धारण: शिक्षार्थी को लक्ष्य निर्धारित करने के लिए प्रेरित करे।
- प्रोजेक्ट आधारित शिक्षण: स्वतंत्र रूप से अध्ययन को बढ़ावा दे।
- चिंतनशील गतिविधियाँ: चर्चा के माध्यम से आत्मविश्वास व आत्म मूल्यांकन को बढ़ायें।
- विविकल्प व शोध आधारित असाइनमेंट दें।
- सूचना एवं संचार प्रौद्योगिकी का प्रयोग: इसके माध्यम से स्व- अध्ययन को प्रोत्साहित करें।

चुनौतियाँ

- शिक्षार्थी में प्रेरणा का आभाव
- पारंपरिक शिक्षक- केंद्रित शिक्षण पर बल।
- संसाधनों का आभाव
- आत्मविश्वास में कमी
- असफलता का भय

निष्कर्ष: शिक्षार्थी स्वायत्तता शिक्षार्थी को आत्मविश्वासी, आत्मवलोकन करने वाला, आत्मनिर्भर व आजीवन सीखने वाला बनाती है। यह शिक्षा को रटने के बजाय समझने पर अधिक बल देती है। यह व्यक्ति की समझ विकसित करती है तथा एक ऐसे वातावरण का निर्माण करती है, जो स्वतंत्र शिक्षा और जिम्मेदारी को प्रोत्साहित करती है।

Socio-Cultural Impact on Educational Accomplishment

Ms Shaheen Begum
Assistant Professor
MJ College (An Autonomous PG College),
Kohka, Junwani Road, Bhilai. Chhatisgarh



INTRODUCTION:

Education is not only influenced by intelligence or school quality but is deeply shaped by socio-cultural factors. These factors include family background, cultural values, social environment, language, traditions, and community attitudes. Together, they play a significant role in determining a Student's Educational Achievement.

1. Family Background and Socio-Economic Status:

One of the most important Socio-Cultural Influences is the family environment. Parents' education, occupation, and income level directly affect a child's academic success. Children from educated families often receive better guidance, resources, and motivation for learning. Research shows that socio-economic and cultural status significantly impacts student performance and can create inequalities in educational outcomes.



2. Cultural Capital and Learning Environment:

Cultural capital refers to knowledge, skills, language, and values that children inherit from their families. Students who grow up in environments rich in books, discussions, and learning opportunities tend to perform better academically. Studies indicate that cultural capital has a strong and positive influence on students' academic achievement and development.

3. Parental Attitudes and Involvement:

Parents' attitudes toward education greatly influence children's interest and performance in school. When parents value education and actively participate in their child's learning, students are more likely to succeed. On the other hand, lack of parental support can negatively affect motivation and achievement.

4. Social Environment and Peer Influence:

The community and peer group also shape educational outcomes. Students who are surrounded by supportive peers and positive role models tend to perform better. However, negative peer pressure or an unsupportive social environment can lead to poor academic performance.

5. Language and Communication:

Language plays a crucial role in education. Students who are taught in a language different from their home language may face difficulties in understanding concepts, which can affect their achievement. Effective communication between teachers and students is essential for better learning outcomes.

6. Traditions, Beliefs, and Gender Roles:

Cultural beliefs and traditions sometimes influence educational opportunities, especially for girls in certain societies. In some communities, gender roles or traditional practices may limit access to education, affecting overall accomplishment.

**7. School Culture and Inclusivity:**

An inclusive and culturally responsive school environment promotes equality and better learning. Schools that respect diversity and include students from different backgrounds help improve engagement, confidence, and academic success.

8. Motivation and Expectations:

Socio-cultural factors also influence students' motivation and aspirations. When society and family have high expectations, students are more likely to work hard and achieve better results.

Conclusion:

In conclusion, socio-cultural factors have a profound impact on educational accomplishment. While schools provide formal education, the family, culture, and society shape the overall learning experience. To improve educational outcomes, it is important to reduce socio-cultural inequalities, promote inclusive education, and create supportive environments for all learners.

Learner Autonomy: Reimagining the Role of the Learner in Higher Education

Dr. Rashmi Singh
Assistant Professor,
Department of Education,
S.S. Khanna Girls' Degree College



Abstract

Learner autonomy refers to the ability of students to take responsibility for their own learning. It involves self-regulation, critical thinking, and reflective engagement. Introduced by Henri Holec (1981), this concept has become central to modern higher education. In higher education, learner autonomy enables students to engage in independent research, develop academic skills, and actively construct knowledge rather than passively receive it. With the rise of digital learning, autonomy is becoming even more important. Students now have access to online resources, flexible learning paths, and personalized education systems. However, challenges such as lack of preparedness, digital divide, and exam-oriented systems remain. Therefore, autonomy must be guided and nurtured. In conclusion, learner autonomy is not just an academic concept but a lifelong skill essential for success in the modern world.

Key words-

learner autonomy, self-regulation, critical thinking, reflective engagement, and personalized education system.



Introduction

In contemporary higher education, the focus is gradually shifting from teaching to learning. Because teaching is nothing until it culminates in learning. Universities/ Higher educational institutions are no longer seen merely as spaces where knowledge is transmitted, but as environments where learners actively construct knowledge. At the heart of this transformation lies the concept of learner autonomy—hence it must be a crucial attribute for students at the undergraduate and postgraduate levels in our country.

Learner autonomy refers to the capacity of learners to take informed responsibility for their own learning. It involves not only independence but also self-regulation, critical awareness, and reflective thinking. The term was systematically articulated by Henri Holec, who defined it as “the ability to take charge of one’s own learning.” At the higher education level, this responsibility extends to designing learning pathways, engaging critically with knowledge, and reflecting on one’s cognitive growth.

In the contemporary digital era, this concept becomes more significant as here higher education students seem to follow heutagogy, i.e., self-directed learning. Historical Emergence and Theoretical Roots- The idea of learner autonomy emerged in the late 20th century, particularly within European educational discourse. In 1981, Henri Holec introduced the concept in the context of language education. But later due to its wide coverage, this concept has gained attention in other subjects as well. The concept is grounded in three basic philosophies, Pragmatism (learning by doing, focuses on practical application) Constructivism (learning as active knowledge construction and learner as active knowledge constructor), Humanistic education (focus on holistic development of the individual- emotionally, intellectually and socially), Existentialism (stresses individual freedom, choice and responsibility), and Lifelong learning paradigm (learning is now a continuous lifelong process, especially in a knowledge society). These theoretical foundations make learner autonomy especially relevant for higher education learners.

Relevant for Contemporary Education System- At the undergraduate and postgraduate levels, learner autonomy becomes essential because research is the most important function of higher education and learner autonomy hones research skills to support formulation of felt research problem and selection of best methodology. It creates scope for academic inquiry as well as discovery learning to encourage critical thinking and independent exploration. Learner autonomy has significant alignment with NEP 2020 in the form of opportunities for skill development to enhance communication, analytical ability, and digital literacy. And last but not the least it has scope for realization of curriculum flexibility as it aligns with choice-based and outcome-based education, where learner can choose, subjects of any combination as suited to his/her interest, aptitude, attitude, and intelligence. Autonomous learners move beyond passive learning to become active knowledge creators.

Practicing Learner Autonomy- Students can develop autonomy through daily writing in reflective journals to reflect upon their learning process. They must develop independent reading and research, to showcase their autonomy as well as uniqueness. They must participate in academic discussions to promote their communication skills. Assessment is the most crucial part of learner autonomy. There must be scope/opportunity for self-assessment and peer evaluation. Students must have the habit of goal setting and time management to practice learner autonomy.

Future of Learner Autonomy- The future of learner autonomy is deeply connected with current paradigm shift in education like emergence and integration of digital learning environments (personalized and self-paced learning), changed role of teachers (teachers as facilitators and mentors instead of mere instructors), revival of concept of lifelong learning (continuous lifelong opportunities for skill development beyond formal education) and policy support (latest new education policy 2020 has put strong emphasis on holistic and flexible learning systems which has ample scope for learner autonomy in terms of multiple entry, multiple exit, CBCS, ABC etc.).

Challenges- Like any other change, the integration of learner autonomy in traditional educational system has several challenges, like lack of preparedness/self motivation for independent learning, exam-oriented system, gendered digital divide (large gap between haves and have not's) and Indian perspective to seek continuous guidance on the part of students from their teachers or mentors. Thus, learner autonomy must be carefully nurtured within our structured academic environments.

Conclusion- Learner autonomy represents a significant shift in higher education—from dependency to self-direction, from passive reception to active engagement. For higher education students, it is not only an academic requirement but also a lifelong competency essential for navigating complex and evolving knowledge systems which is prevalent today.



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उच्च शिक्षा में शिक्षार्थी स्वायत्तता की पुनः अवधारणा: एक सामाजिक-सांस्कृतिक दृष्टिकोण

डॉ विनीता मिश्रा
असिस्टेंट प्रोफेसर,
मध्यकालीन / आधुनिक इतिहास विभाग,
सदनलाल सांवलदास खन्ना महिला महाविद्यालय



उच्च शिक्षा के वर्तमान विमर्श में शिक्षार्थी स्वायत्तता को एक महत्वपूर्ण शैक्षिक उद्देश्य के रूप में देखा जा रहा है, किंतु इसकी अवधारणा का विकास स्वयं एक ऐतिहासिक प्रक्रिया का परिणाम है। यदि हम शिक्षा के इतिहास की ओर दृष्टि डालें, तो स्पष्ट होता है कि विभिन्न कालखंडों में ज्ञान, शिक्षण-पद्धति और शिक्षार्थी की भूमिका के स्वरूप में निरंतर परिवर्तन हुआ है। पारंपरिक शिक्षा प्रणालियों में, चाहे वह प्राचीन गुरुकुल व्यवस्था हो या औपनिवेशिक काल की औपचारिक शिक्षा, शिक्षण की प्रकृति मुख्यतः शिक्षक-केंद्रित रही, जिसमें शिक्षार्थी की भूमिका सीमित और अनुयायी के रूप में परिभाषित की जाती थी।

औपनिवेशिक काल में स्थापित शिक्षा प्रणालियों ने विशेष रूप से एक ऐसी संरचना को जन्म दिया, जिसमें ज्ञान का संप्रेषण एकतरफा था और अनुशासन तथा नियंत्रण पर अधिक बल दिया जाता था। इस संदर्भ में शिक्षार्थी स्वायत्तता की अवधारणा लगभग अनुपस्थित थी। शिक्षार्थी को एक ऐसे इकाई के रूप में देखा जाता था जिसे निर्धारित पाठ्यक्रम के अनुसार ढाला जाना है। स्वतंत्र चिंतन और आलोचनात्मक दृष्टिकोण के लिए बहुत कम स्थान था। स्वतंत्रता के पश्चात भारतीय उच्च शिक्षा में धीरे-धीरे परिवर्तन प्रारंभ हुए, जिनमें शिक्षण-पद्धतियों में कुछ लचीलापन और संवाद की संभावनाएँ उभरने लगीं। तथापि, औपनिवेशिक विरासत के प्रभाव अब भी शैक्षणिक संरचनाओं में दिखाई देते हैं।



परीक्षा-केंद्रित प्रणाली, पाठ्यक्रम की कठोरता और शिक्षक-केंद्रित कक्षा-संस्कृति आज भी अनेक संस्थानों में विद्यमान है। ऐसे परिवेश में शिक्षार्थी स्वायत्तता का विकास स्वाभाविक रूप से सीमित हो जाता है। इतिहास के अध्ययन की प्रकृति स्वयं शिक्षार्थी स्वायत्तता के प्रश्न को एक विशेष महत्व प्रदान करती है। इतिहास केवल तथ्यों का संकलन नहीं है, बल्कि यह व्याख्या, विश्लेषण और दृष्टिकोण का विषय है। किसी भी ऐतिहासिक घटना या स्रोत को समझने के लिए शिक्षार्थी को प्रश्न पूछने, स्रोतों की विश्वसनीयता का मूल्यांकन करने और विभिन्न दृष्टिकोणों की तुलना करने की आवश्यकता होती है। इस प्रक्रिया में स्वायत्तता केवल एक कौशल नहीं, बल्कि एक बौद्धिक आवश्यकता बन जाती है।

सामाजिक-सांस्कृतिक दृष्टिकोण इस संदर्भ में एक महत्वपूर्ण विश्लेषणात्मक आधार प्रदान करता है। इसके अनुसार अधिगम को एक सामाजिक प्रक्रिया के रूप में देखा जाता है, जो संवाद, सहभागिता और सांस्कृतिक संदर्भों के माध्यम से विकसित होती है। इतिहास के अध्ययन में यह विशेष रूप से स्पष्ट होता है, जहाँ शिक्षार्थी न केवल पाठ्य सामग्री के साथ, बल्कि विभिन्न ऐतिहासिक स्रोतों, व्याख्याओं और विमर्शों के साथ अंतःक्रिया करता है। इस प्रकार, उसकी समझ सामाजिक और बौद्धिक संवाद के माध्यम से निर्मित होती है।

इस परिप्रेक्ष्य में शिक्षार्थी स्वायत्तता को एक स्थिर या पूर्णतः व्यक्तिगत गुण के रूप में नहीं, बल्कि एक ऐतिहासिक और सामाजिक रूप से निर्मित प्रक्रिया के रूप में देखा जाना चाहिए। शिक्षार्थी अपनी स्वायत्तता का विकास एक क्रमिक प्रक्रिया के माध्यम से करता है, जिसमें प्रारंभिक स्तर पर उसे मार्गदर्शन और संरचना की आवश्यकता होती है, किंतु धीरे-धीरे वह स्वतंत्र विश्लेषण और आलोचनात्मक चिंतन की ओर अग्रसर होता है।

भाषा और स्रोतों की विविधता भी इतिहास के अध्ययन में स्वायत्तता को प्रभावित करती है। अनेक ऐतिहासिक स्रोत विभिन्न भाषाओं में उपलब्ध होते हैं, और उनके अध्ययन के लिए भाषाई दक्षता आवश्यक होती है। यदि शिक्षार्थी इस विविधता के साथ सहज नहीं है, तो उसकी भागीदारी और आत्मविश्वास प्रभावित हो सकता है। अतः इतिहास शिक्षण में यह आवश्यक है कि भाषाई विविधता को ध्यान में रखते हुए ऐसे वातावरण का निर्माण किया जाए जो शिक्षार्थियों को सक्रिय रूप से भाग लेने के लिए प्रेरित करे। संस्थागत स्तर पर भी इतिहास शिक्षण में कई चुनौतियाँ विद्यमान हैं। कई बार पाठ्यक्रम इस प्रकार संरचित होते हैं कि वे तथ्यों के अधिग्रहण पर अधिक बल देते हैं, जबकि विश्लेषणात्मक और आलोचनात्मक दृष्टिकोण को पर्याप्त स्थान नहीं मिल पाता। इसके अतिरिक्त, समय-सीमित परीक्षा प्रणाली शिक्षार्थियों को गहन अध्ययन और स्वतंत्र चिंतन के अवसरों से वंचित कर देती है।



इन परिस्थितियों में यह आवश्यक हो जाता है कि इतिहास शिक्षण की पद्धतियों में परिवर्तन किया जाए। शिक्षार्थियों को केवल तथ्यों के उपभोक्ता के रूप में नहीं, बल्कि ज्ञान-निर्माण की प्रक्रिया के सक्रिय भागीदार के रूप में देखा जाना चाहिए। इसके लिए स्रोत-आधारित अधिगम, चर्चा-आधारित कक्षाएँ और परियोजना-आधारित कार्य अत्यंत उपयोगी सिद्ध हो सकते हैं। इस प्रकार के प्रयास शिक्षार्थियों को न केवल विषय की गहराई को समझने में सहायता करते हैं, बल्कि उन्हें अपनी सोच विकसित करने और उसे अभिव्यक्त करने के लिए भी प्रेरित करते हैं।

डिजिटल माध्यमों ने इतिहास के अध्ययन को भी नए आयाम प्रदान किए हैं। अभिलेखागारों का डिजिटलीकरण, ऑनलाइन स्रोतों की उपलब्धता और वर्चुअल शिक्षण मंचों के माध्यम से शिक्षार्थी अब विविध ऐतिहासिक सामग्री तक पहुँच बना सकते हैं। इससे स्वायत्त अधिगम की संभावनाएँ बढ़ी हैं, किंतु इसके साथ ही यह आवश्यक है कि शिक्षार्थी स्रोतों की प्रामाणिकता का मूल्यांकन करने की क्षमता भी विकसित करें। अंततः यह कहा जा सकता है कि शिक्षार्थी स्वायत्तता को इतिहास के अध्ययन के संदर्भ में केवल एक शैक्षिक लक्ष्य के रूप में नहीं, बल्कि एक बौद्धिक आवश्यकता के रूप में समझा जाना चाहिए। यह एक ऐसी प्रक्रिया है जो ऐतिहासिक, सामाजिक और सांस्कृतिक संदर्भों में विकसित होती है और जो शिक्षार्थी को केवल ज्ञान ग्रहण करने वाला नहीं, बल्कि ज्ञान का विश्लेषक और सृजक बनने की दिशा में अग्रसर करती है। उच्च शिक्षा में यदि इतिहास के अध्ययन को सार्थक बनाना है, तो आवश्यक है कि शिक्षण को इस प्रकार पुनर्गठित किया जाए कि वह शिक्षार्थियों की स्वायत्तता, आलोचनात्मकता और ऐतिहासिक समझ को सुदृढ़ कर सके।

Innovative ICT Approaches for Enhancing Classroom Teaching - Learning Environment

Dr. Neeta Sahu
Assistant Professor,
Department of Education,
S.S. Khanna Girls' Degree College, Prayagraj
Email Id- aruneeta80@gmail.com



Introduction

Present era is digital era where technology has pierced in every field of our life and now it is becoming impossible to live without miracles of technology. In educational field Information and Communication Technology (ICT) has transformed complete education system by making teaching and learning more interactive, learner-centered, inclusive and effective. ICT encompasses digital tools and technologies, hardware like such as computers, smart boards, projectors, mobile devices, the internet, educational software, networks and services. The integration of ICT in classrooms helps creating an engaging teaching learning environment that enhances communication, collaboration, creativity, and critical thinking among students. An improved classroom environment is one where teacher is not the sole owner of the knowledge and dominating personality but in an enhanced classroom students actively participate in learning, feel motivated, and achieve better academic, social outcomes and better opportunities. Innovative ICT approaches contribute significantly toward achieving these goals by incorporating innovative teaching methods and facilitating meaningful learning experiences. Present articles tries to drag the attention towards prominent innovative ICT approaches which are being used to improve the effectiveness of the classroom environment and ultimately teaching learning process.

ICT in Education and Its Need

ICT in education refers to the use of all digital technologies, tools, devices, networks, services and digital resources used to create, store process, transmit and share information. It enhances teaching, learning, assessment, and classroom management and also enables teachers to present information in multiple formats and help students to access knowledge via multiple channels. Students of present time are born in digital age and are called as 'Digital Natives'. They are comfortable with digital language of the computers, internet, digital devices and latest gadgets. Hence innovative ICT approaches will enable the learners to better communicate and transmit the knowledge effectively with peers also.

Prominent ICT Approaches for Enhanced Classroom Environment

Following are few ICT approaches which are being discussed here—

Flipped Classroom Approach- In the flipped classroom approach, students study learning materials such as videos or presentations at home, while classroom time is used for discussion, problem-solving, and practical activities. In this approach students are aware of the content which has to be taught in the classroom they go through the content in advance and discuss with their teacher thus they study the material twice.

This approach encourages active learning, independent learning habits and classroom interaction. It also allows personalized guidance. This approach shifts the focus from teacher-centered instruction to learner-centered participation. Thus students are not solely dependent on the teacher but they are motivated to study in advance.

Multimedia-Based Teaching- Multimedia teaching includes text, graphics, audio, video, and animation into classroom instruction. This approach enhances learners' understanding and retention and makes lessons more interesting because multimedia make the learners to be stucked with the content. Multimedia presentations help students visualize complex topics and increase classroom interaction. Through any video or live activity students learn better.



Collaborative Learning using ICT- ICT tools such as shared documents, discussion forums, and virtual classrooms encourage collaborative learning among students. Nowadays cooperative learning and collaborative approach is being preferred and technology has made it more possible. Collaborative features of Google Docs, excel sheets, presentation software etc. have given opportunities to the learners to work collaboratively on the same project at their own speed time, space and interest. It promotes teamwork, communication skills, problem solving abilities in the students and helps in creating an inclusive classroom environment.

Smart Classroom Approach- Smart classrooms use digital devices such as smart panels, interactive whiteboards, projectors, tablets, and multimedia presentations to make teaching more dynamic and engaging. These gadgets and technology helps in making abstract concepts which improves students' attention and interest also. Science concepts can be explained through animations and simulations, making learning more effective.

E-Learning and Online Learning Platforms-Online platforms provide access to digital content, recorded lectures, quizzes, assignments, and virtual discussions. Teachers can use learning management systems to organize classroom activities. Virtual classroom have become the part of new normal and these classrooms provide many facilities to the teachers and students to enable learning anytime and anywhere at their pace. Virtual classroom and online learning supports continuity of education during emergencies and hence has made education more accessible and flexible for students.

Virtual and Augmented Reality-Virtual Reality (VR) and Augmented Reality (AR) create immersive learning experiences by simulating real-world environments. Students can virtually explore historical sites or scientific laboratories. It enhances experiential learning and students' engagement. With the help of virtual reality complex operation and hazardous experiments can be understood well by the learners.

Digital Assessment and Feedback-ICT enables online tests, quizzes, automated grading, and instant feedback systems which saves the time and energy of the faculty members and provides immediate feedback to students. This feedback helps the learners to track their learning progress and improve their performance. Quick assessment also helps teachers identify learning gaps and plan remedial instruction.



Conclusion

ICT approaches have revolutionized classroom teaching and learning by making education interactive, inclusive, and student-centered. The use of smart classrooms, multimedia tools, online platforms, collaborative learning, and digital assessments contributes to an improved classroom environment that enhances both academic achievement and learner engagement. Although challenges exist, effective planning and proper implementation can maximize the benefits of ICT in education. Therefore, ICT should be integrated thoughtfully to create innovative and effective learning environments for the future.

Artificial Intelligence: The Technology of Tomorrow

Dr. Harish Kumar Singh
 Assistant Professor,
 Department of Education,
 S.S. Khanna Girls' Degree College,
 University of Allahabad
 Mobile: 9935615078
 Email: harishparihar29@gmail.com



We are living in the computer age, and the most exciting discovery of this era is Artificial Intelligence or AI. In simple words, AI gives machines the power to think, learn, and make decisions like humans.

How Does AI Work?

Let's understand with the diagram below:

Input → Processing → Output → Learning

Step | What Happens | Example

1. Input | Collecting data | Photos, voice, text
2. Processing | Understanding data | Recognizing a face
3. Output | Giving a response | "This is Ramesh"
4. Learning | Improving from mistakes | Faster recognition next time

DATA



RESULT + Improves Every Time

This cycle continues. The more data AI gets, the smarter it becomes. This is why your phone's keyboard starts predicting the exact word you want to type.

Where Do We See AI Around Us?

AI is no longer science fiction. It is part of our daily life:

1. Google Maps:

Analyzes live traffic and suggests the fastest route to school.

2. YouTube & Netflix:

3. Recommends videos and movies based on what you like to watch.

4. Smart Assistants:

Siri, Alexa, and Google Assistant answer questions and set alarms using voice commands.

5. Social Media:

Snapchat and Instagram filters perfectly place dog ears on your head by detecting your face.

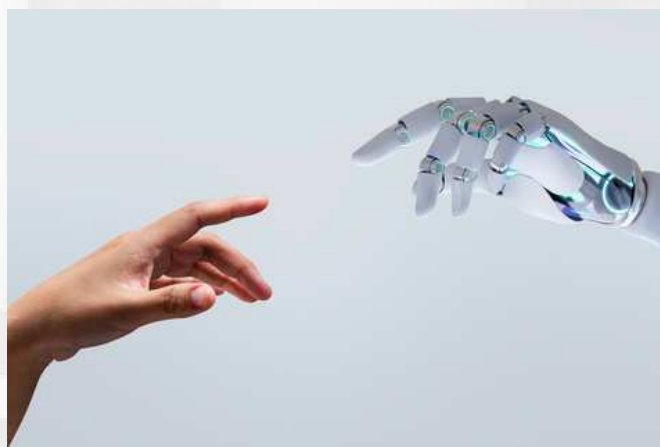
6.Chatbots like ChatGPT and Meta AI:

Help students solve doubts, write essays, and learn new concepts instantly.

The Real-World Impact of AI

Advantages :

1. Healthcare: AI can detect diseases like cancer in X-rays faster than human eyes. It helps doctors save lives.
2. Education: AI tutors give students personal attention 24/7. They explain tough math problems step by step.
3. Agriculture: Farmers use AI to check soil health and predict pest attacks before crops are damaged.
4. Safety: AI in CCTV cameras can spot accidents or suspicious activity and alert police immediately.



Disadvantages:

- 1.Job Loss: Machines may replace repetitive jobs like data entry or toll collection.
- 2.Wrong Decisions: If AI is trained on biased or wrong data, it can make unfair decisions.
- 3.Privacy Risk: AI needs huge amounts of data. Our personal photos and chats can be misused if not protected.
- 4.Over-Dependence: Relying too much on AI can reduce our own thinking and problem-solving skills.

AI and Students: What Should We Do?

AI will not replace humans, but humans who use AI will replace those who don't. So as students, we must:

1.Learn the Basics:

Understand coding and how AI tools work.

Use Ethically: Don't use AI to cheat in exams. Use it to learn better.

2.Stay Creative:

AI can write a poem, but only you can add feelings to it. Keep your creativity alive.

Conclusion

AI is like a knife. You can use it to cut vegetables or to hurt someone. The choice is ours. If we use AI wisely, it will become humanity's best friend. It will solve problems that we couldn't solve alone. We should not be afraid of AI. We should be ready to learn it, control it, and grow with it. "AI is not our future, AI is our present"

Socio-Cultural Impact on Educational Accomplishments: **Understanding Learner Autonomy**

Dr. Jyoti Baijal
Assistant Professor,
Department of Education,
S.S. Khanna Girls' Degree College



In contemporary education, academic success is no longer viewed merely as the outcome of intellectual ability or institutional quality. Instead, it is increasingly understood as a complex interplay of socio-cultural influences and individual agency. Among the emerging paradigms shaping this discourse, learner autonomy has gained significant prominence. To fully appreciate its role in educational accomplishment, it is essential to examine how socio-cultural contexts both enable and constrain the development of autonomous learners.



Understanding Learner Autonomy

Learner autonomy refers to the capacity of students to take charge of their own learning. This includes setting goals, selecting strategies, monitoring progress, and evaluating outcomes. Autonomous learners are self-directed, reflective, and motivated, capable of navigating learning beyond the confines of formal instruction.

However, autonomy does not develop in isolation. It is deeply embedded within the socio-cultural environment in which the learner is situated.

Socio-Cultural Contexts and Their Influence

Socio-cultural factors encompass family background, cultural norms, societal expectations, language, economic conditions, and educational traditions. These elements significantly influence learners' attitudes, aspirations, and approaches to education.

Family and Socialization Practices

Families play a foundational role in shaping learners' dispositions. In environments where questioning, exploration, and independent thinking are encouraged, children are more likely to develop autonomy. Conversely, highly authoritative or exam-oriented family cultures may prioritize compliance over independent learning.

Cultural Values and Educational Norms

In many collectivist societies, education is often associated with respect for authority, memorization, and adherence to prescribed curricula. While these values foster discipline, they may sometimes limit opportunities for self-directed learning. On the other hand, cultures that emphasize individualism tend to promote critical thinking and autonomy.

Language and Communication Patterns

The medium of instruction and linguistic environment influence learners' confidence and participation. Students studying in a second language may struggle to express independent ideas, thereby affecting their autonomy.

Socio-Economic Factors

Access to resources such as technology, books, and supportive learning environments plays a crucial role. Learners from disadvantaged backgrounds may face constraints that limit their ability to explore and engage independently, despite possessing intrinsic motivation.

Institutional and Pedagogical Practices

Traditional teacher-centered approaches often position students as passive recipients of knowledge. In contrast, learner-centered pedagogies—such as experiential learning, collaborative projects, and inquiry-based approaches—actively promote autonomy by involving students in decision-making processes.

Learner Autonomy and Educational Accomplishment

Educational accomplishment is significantly enhanced when learners develop autonomy. Autonomous learners tend to:

- Exhibit higher intrinsic motivation
- Demonstrate better problem-solving and critical thinking skills
- Adapt more effectively to diverse learning contexts
- Engage in lifelong learning

Importantly, autonomy fosters not just academic success but also personal growth, resilience, and self-efficacy—qualities essential in the rapidly changing global landscape.

Bridging the Gap: Cultivating Autonomy within Socio-Cultural Realities

Recognizing the socio-cultural constraints is not a call to abandon tradition but an invitation to integrate autonomy within existing frameworks.

Culturally Responsive Pedagogy: Educators can design learning experiences that respect cultural values while encouraging independent thinking.

Parental Engagement: Awareness programs can help families understand the importance of autonomy in modern education.

Flexible Curriculum Design: Incorporating choice, creativity, and interdisciplinary learning can empower students.

Use of Technology: Digital tools can democratize access to knowledge and support self-directed learning.

Teacher as Facilitator: Shifting from authority figure to mentor enables students to take ownership of their learning journey.



Conclusion

Learner autonomy is not merely an individual trait but a socio-culturally mediated construct. Educational accomplishments are profoundly shaped by the environment in which learners grow and learn. Therefore, fostering autonomy requires a nuanced understanding of socio-cultural dynamics and a deliberate effort to create enabling conditions.

In reimagining education for the 21st century, the goal should not be to replace cultural traditions but to harmonize them with pedagogical practices that empower learners. When socio-cultural contexts support autonomy, education transcends rote achievement and becomes a transformative process—cultivating individuals who are not only knowledgeable but also self-aware, responsible, and capable of shaping their own futures.

THE FRAGRANCE OF AUTONOMY IN STUDENT LIFE

Dr. Shalini Rastogi
Assistant Professor,
Dr. Madhu Tandon B.Ed. Faculty,
S.S. Khanna Girls' Degree College



The most liberal and independent concepts have always been attached to the most responsible and dutiful existences. The same applies to the term autonomy and when we talk of STUDENT AUTONOMY, this realization becomes more intense.

Autonomy is not license to do as one pleases. True autonomy is paired with responsibility, discipline, and self-consciousness. Life itself is synonymous with fullness, abundance, the blessings of nature, and an endless scope for creativity and growth. But if one approaches it as a chaotic anarchist, not self-conscious and not disciplined, the spell of this richness, abundance, and blessing evaporates with the blink of an eye.

This becomes especially relevant in the context of student life. As the saying goes, “You reap what you sow” because results only come through effort and discipline. Autonomy that is enlightened autonomy takes you intensely near to beauty of life. Students learn to make themselves decent and sophisticated citizens of society, making them think for others first before thinking for themselves. Here develops a healthy social environment with enormous humanity, respect for each other, and softness of feeling in the surroundings. Where there are daily blooming flowers of varied colors of such autonomy, there comes healing for everyone — mental, emotional, and social.

Creativity, Autonomy, and Scholarly Perspectives

DAVID LITTLE (1991) described it as “A capacity for detachment, critical reflection, decision-making, and independent action.”

Autonomous learners remain psychologically independent while still able to collaborate. Here rhythm and relief tune the heartbeats for some magic/spell. It is the point where creativity takes place. All the most beautiful creations are born of this mental solace only.

Hence, if students have to be creative, innovative, and spontaneous in their knowledge, they have to be beautifully autonomous. And when we talk of pupil-teachers, whose hands and guidance are going to shape many such innocent and raw existences of tender age in the schools, their own make-up of mental and philosophical self must also be intellectually autonomous and disciplined.

HENRI HOLEC (1981) defined autonomy as “The ability to take charge of one’s own learning.” This includes setting objectives, choosing methods, monitoring progress, and evaluating outcomes.

Path of liberation

PAULO FREIRE framed education as liberation, where learners become critical agents of their own development rather than passive recipients. Student autonomy, when paired with discipline, becomes the foundation for creativity, responsibility, and social contribution. It is not isolation, but interdependence through independence. When freedom and responsibility meet, learning becomes both powerful and humane, making life calm and serene.

**Foot Notes:**

1. David Little

Irish philosopher who expanded the concept of learner autonomy and described it as “capacity for detachment, critical reflection, decision-making, and independent action.”

2. Henri Holec

Often called the “father of learner autonomy” defined autonomy as “the ability to take charge of one’s own learning.”

3. Paulo Freire

Brazilian educator and philosopher known for Pedagogy of the Oppressed. His work links autonomy to social consciousness and empowerment.

शिक्षार्थी स्वायत्तता (Learner Autonomy) की समझ

Dr. Manju Mishra
Assistant Professor,
Dr. Madhu Tandon B.Ed. Faculty,
S.S. Khanna Girls' Degree College



शिक्षार्थी स्वायत्तता आधुनिक शिक्षा का एक महत्वपूर्ण सिद्धांत है, जिसमें विद्यार्थी अपने सीखने की प्रक्रिया पर स्वयं नियंत्रण रखते हैं। इसका अर्थ है कि विद्यार्थी अपने लक्ष्य निर्धारित करते हैं, सीखने के तरीकों का चयन करते हैं, अपनी प्रगति का मूल्यांकन करते हैं और अपने अध्ययन की जिम्मेदारी स्वयं लेते हैं।

शिक्षार्थी स्वायत्तता का अर्थ

शिक्षार्थी स्वायत्तता से तात्पर्य उस क्षमता से है जिसके द्वारा विद्यार्थी अपने सीखने को स्वयं संचालित करता है। वह केवल शिक्षक पर निर्भर नहीं रहता, बल्कि सक्रिय रूप से सीखने में भाग लेता है और स्वयं निर्णय लेता है।

शिक्षार्थी स्वायत्तता की प्रमुख विशेषताएँ

- स्व-निर्देशन (Self-direction) – विद्यार्थी स्वयं पहल करता है।
- जिम्मेदारी (Responsibility) – अपनी सफलता और असफलता की जिम्मेदारी लेता है।
- निर्णय लेने की क्षमता (Decision-making) – क्या, कैसे और कब सीखना है, यह तय करता है।
- स्व-मूल्यांकन (Self-assessment) – अपनी प्रगति का आकलन करता है।
- आंतरिक प्रेरणा (Intrinsic Motivation) – बाहरी दबाव के बजाय अंदर से सीखने की इच्छा रखता है।

शिक्षार्थी स्वायत्तता का महत्व

यह आजीवन सीखने (Lifelong Learning) की क्षमता विकसित करता है।

विद्यार्थियों में आत्मविश्वास और आत्मनिर्भरता बढ़ाता है। समस्या समाधान और चिंतनशील सोच को प्रोत्साहित करता है। बदलते परिवेश के अनुकूल बनने में सहायता करता है। सीखने की गुणवत्ता और परिणामों में सुधार लाता है।

शिक्षक की भूमिका स्वायत्त शिक्षण में

शिक्षक का कार्य केवल ज्ञान देना नहीं, बल्कि मार्गदर्शक बनना होता है। शिक्षक: आवश्यक संसाधन उपलब्ध कराते हैं। विद्यार्थियों को स्वतंत्र रूप से सोचने के लिए प्रेरित करते हैं। सीखने के अवसर प्रदान करते हैं। लक्ष्य निर्धारण में सहायता करते हैं।

शिक्षार्थी स्वायत्तता को बढ़ावा देने की रणनीतियाँ

- लक्ष्य निर्धारण: विद्यार्थियों को अपने लक्ष्य तय करने के लिए प्रेरित करें।
- प्रोजेक्ट आधारित शिक्षण: स्वतंत्र खोज और अध्ययन को बढ़ावा दें।
- चिंतन गतिविधियाँ: डायरी या चर्चा के माध्यम से आत्म-मूल्यांकन कराएँ।
- विकल्प देना: असाइनमेंट और विषयों में चयन का अवसर दें।
- प्रौद्योगिकी का उपयोग: डिजिटल माध्यमों से स्व-अध्ययन को प्रोत्साहित करें।

चुनौतियाँ

- विद्यार्थियों में प्रेरणा की कमी।
- पारंपरिक शिक्षक-केंद्रित शिक्षा पर अधिक निर्भरता।
- संसाधनों की कमी।
- असफलता का डर या आत्मविश्वास की कमी।

निष्कर्ष

शिक्षार्थी स्वायत्तता विद्यार्थियों को आत्मनिर्भर, जिम्मेदार और आजीवन सीखने वाला बनाती है। यह शिक्षा को रटने से आगे बढ़ाकर समझ और व्यक्तिगत विकास की दिशा में ले जाती है। इसलिए शिक्षकों और विद्यार्थियों दोनों को मिलकर ऐसा वातावरण बनाना चाहिए जो स्वतंत्रता, जिज्ञासा और जिम्मेदारी को प्रोत्साहित करे।

शिक्षार्थी स्वायत्तता: एक अवलोकन

डॉ. अरुणा त्रिपाठी
असिस्टेंट प्रोफेसर, बी. एड. संकाय,
एस. एस. खन्ना महिला महाविद्यालय प्रयागराज



शिक्षार्थी स्वायत्तता का विचार नया विचार नहीं है। प्राचीन काल में जब गुरुकुल प्रणाली प्रचलित थी, शिक्षार्थी प्रकृति की गोद में रहकर स्वाध्याय, चिंतन एवं व्यावहारिक अनुभव के अध्ययन से ज्ञान प्राप्त करते थे। वहां शिक्षार्थी स्वरुचि एवं स्वगति से सीखते थे। 1960 और 1970 के दशक में इस अवधारणा का उदय भाषा- शिक्षा के क्षेत्र में हुआ। 1980-81 के दशक में शिक्षा-विशेषज्ञ हेनरी हार्लोक ने शिक्षार्थी स्वायत्तता शब्द को औपचारिक रूप में परिभाषित किया। हरलोक ने इसे शिक्षार्थी की अपनी अधिगम प्रक्रिया की जिम्मेदारी स्वयं लेने की क्षमता के रूप में व्याख्यायित किया।

शिक्षार्थी स्वायत्तता का अर्थ है सीखने सीखने की प्रक्रिया और नियंत्रण की जिम्मेदारी शिक्षार्थी का होना। इसमें छात्र शिक्षक के ऊपर निर्भर नहीं रहते हैं, वरन् वे स्वयं सीखते हैं, अपने लक्ष्य का निर्धारण स्वयं ही करते हैं और अपनी प्रगति का मूल्यांकन भी स्वयं ही करते हैं। हेनरी हरलोक को शिक्षार्थी स्वायत्तता का जनक माना जाता है उनके अनुसार स्वायत्तता अपनी स्वयं की सीखने की प्रक्रिया का प्रभार लेने की क्षमता है। शिक्षा में लेस्ली डिकिंसन के अनुसार शिक्षार्थी स्वायत्तता वह स्थिति है जिसमें शिक्षार्थी अपने सीखने से संबंधित सभी निर्णय एवं उन्हें लागू करने के लिए पूर्ण रूपेण जिम्मेदार होता है। शिक्षार्थी स्वायत्तता में छात्र क्या सीख रहे हैं, कैसे सीख रहे हैं इस बारे में वे स्वयं ही निर्णय लेते हैं और अपनी प्रगति की जिम्मेदारी भी स्वयं ही लेते हैं, अर्थात् उनकी प्रगति की जिम्मेदारी भी उनकी स्वयं की ही होती है।



- शिक्षार्थी स्वायत्तता की आवश्यकता वर्तमान में शिक्षार्थियों को स्व - अधिगम के लिए स्वायत्तता की अत्यंत आवश्यकता है। आज की युवा पीढ़ी, पर-निर्भरता को छोड़कर स्वयं से अपना कार्य करने की इच्छा रखते हैं।
- स्वायत्तता से शिक्षार्थी के आत्मविश्वास में वृद्धि होती है तथा उन्हें सकारात्मक दृष्टिकोण का विकास होता है।
- शिक्षार्थी स्वायत्तता छात्रों को ज्ञान का निर्माता बनाती है तथा समस्याओं का समाधान करने योग्य बनाती है। स्वायत्तता से छात्र अपनी गति एवं प्राथमिकताओं के अनुरूप सीखते हैं।
- शिक्षार्थी स्वायत्तता शिक्षार्थियों को अपने लक्ष्यों को निर्धारित करने और उन्हें प्राप्त करने के लिए रणनीतियां बनाने में सक्षम बनाती है।

- शिक्षार्थी जब स्वती एवं स्वरूप से सीखते हैं तो वह अधिक परिश्रम करते हैं और विषय में उनकी समझ और अधिक बेहतर होती है।
- शिक्षार्थी स्वायत्तता में शिक्षार्थी केवल निष्क्रिय श्रोता बनने के स्थान पर सक्रिय रूप से ज्ञान के निर्माण में भी अपनी भागीदारी को सुनिश्चित करता है।
- शिक्षार्थी स्वायत्तता के मुख्य घटक शिक्षार्थी स्वायत्तता में शिक्षार्थी अपने अधिगम प्रक्रिया की जिम्मेदारी जब स्वयं लेता है तब वह निष्क्रिय गृहशीलता से भिन्न अधिगम के लक्ष्यों, रणनीतियों और मूल्यांकन पर सक्रिय हो जाता है। स्वायत्तता होने पर शिक्षार्थी इस बात पर सक्रिय हो जाता है कि वह ज्ञानार्जन कब और कैसे प्राप्त करेगा साथ ही अपने आजीवन अधिगम को किस प्रकार से बढ़ाएगा।

शिक्षार्थी स्वायत्तता के मुख्य घटक निम्नलिखित हैं—

- शिक्षार्थी अपने लक्ष्यों का निर्धारण स्वयं तथा अधिगम सामग्री का चयन की स्वयं करते हैं शिक्षार्थियों पर शिक्षक की निर्भरता नहीं रहती है।
- शिक्षार्थी अपने प्रगति की निगरानी स्वयं करता है तथा सीखने के प्रयासों के परिणाम का मूल्यांकन स्वयं ही करता है।
- शिक्षार्थी स्वास्थ्य चिकित्सा यात्रा की जिम्मेदारी को महसूस करता है तथा स्वाध्यगम की रणनीतियों को भी स्वयं ही समझता है।
- शिक्षार्थी सहायता में शिक्षार्थी एकांत में अधिगम का आयोजन नहीं करता। वह सक्रिय सहयोग चाहता है तथा संसाधनों की खोज करता है, जिससे अधिगम में किसी प्रकार की भी कोई बाधा न उत्पन्न हो। शिक्षार्थी स्वायत्तता से लाभ वर्तमान में प्रचलित शिक्षा प्रणाली में केवल आश्रित शिक्षार्थी ही तैयार हो रहे हैं। स्वयं से अधिगम करना और अनिश्चित का सामना करने के लिए सक्षम बना अत्यंत आवश्यक है।

शिक्षार्थी स्वायत्तता से अनेको लाभ है—

- सक्रिय भागीदारी शिक्षार्थी केवल जानकारी ही नहीं प्राप्त करते वरन् वह सक्रिय ज्ञान का निर्माता बन जाते हैं।
- व्यक्तिगत शिक्षण कौशल में वृद्धि शिक्षार्थी अपनी रुचि आवश्यकताओं और अधिगम गति के अनुरूप शिक्षण कार्य करते हैं।
- आत्मविश्वास एवं आलोचनात्मक सोच शिक्षार्थी स्वायत्तता से छात्रों में आप विश्वास एवं आलोचनात्मक सोच को बढ़ावा मिलता है शिक्षार्थी स्वयं पर विश्वास करने लग जाते हैं तथा तर्क-पूर्ण ढंग से चिंतन करने लगते हैं। शिक्षार्थी स्वायत्तता बढ़ाने में शिक्षक की भूमिका शिक्षार्थी स्वायत्तता को बढ़ाने के लिए शिक्षक की भूमिका पारंपरिक ज्ञान प्रदाता के स्थान पर एक मार्गदर्शक और उत्प्रेरक की हो जाती है। शिक्षक शिक्षार्थियों को स्वयं से सीखने अपना लक्ष्य निर्धारित करने और स्वयं मूल्यांकन करने के योग्य बनाता है।

शिक्षार्थी स्वायत्तता बढ़ाने में शिक्षक की भूमिका निम्नवत हो सकती है —

- शिक्षक अपने शिक्षार्थियों को सही अध्ययन रणनीतियां, समय प्रबंधन तथा संसाधनों की खोज करने में सहायता प्रदान करें।
- शिक्षक कक्षा में ऐसा वातावरण बनाएं कि शिक्षार्थी बिना किसी झिझक, बिना संकोच एवं बिना डर के अपने जिज्ञासाओं को शांत कर सकें।

- शिक्षार्थियों को अपना निर्णय लेने की स्वतंत्रता प्रदान करें जैसे प्रोजेक्ट के टॉपिक का चयन करने की स्वतंत्रता देना।
- शिक्षक अपने शिक्षार्थियों को उनकी कमियों और उनकी प्रगति का मूल्यांकन करने के लिए प्रोत्साहित करें।
- शिक्षक अपने शिक्षार्थियों को स्व-अध्ययन हेतु स्वयं की समय सारणी बनाने के लिए प्रोत्साहित करें, जिससे वे अध्ययन, चिंतन तथा अवकाश के लिए उचित समय का निर्धारण कर सकें।
- शिक्षक अपने शिक्षार्थियों को इस योग्य बनाएं कि वह अपने शिक्षकों या पुस्तकों पर ही निर्भर ना रहकर दृश्य यात्रा के उपकरणों जैसे इंटरनेट शैक्षिक टेलीविजन, शैक्षिक रेडियो और पुस्तकालयों का भी उपयोग करें।
- विषय सामग्री को समझने के लिए शिक्षार्थी स्वयं प्रश्न बैंक का निर्माण करें तथा उनके उत्तर को स्वयं ही ढूंढें।



निष्कर्षतः यह कहा जा सकता है कि शिक्षार्थी स्वायत्तता वर्तमान में प्रभावी शिक्षण हेतु आवश्यक है। स्वायत्तता से शिक्षार्थियों में स्वयं करके सीखने से आत्मनिर्भरता का विकास होगा। छात्र सदैव समस्याओं का समाधान स्वयं ढूंढते हैं और आजीवन सीखते रहते हैं। जब छात्र स्वरुचि एवं स्व-प्रेरणा से सीखते हैं, तब उनमें सीखने के प्रति गहरी आस्था जागृत होती है। जब छात्रों में आत्मविश्वास बढ़ता है तब शैक्षिक परिणाम में सुधार होता है। आधुनिक युग बदलाव का युग है तथा छात्रों में भी स्व निर्णय लेने की क्षमता का विकास हो रहा है परंतु इसका अर्थ यह नहीं है कि सीखने के लिए शिक्षकों की आवश्यकता ही नहीं होगी शिक्षक की भूमिका एक मार्गदर्शक के रूप में रहेगी, जो सदैव अपने छात्रों का मार्गदर्शन करते रहेगे और उन्हें प्रेरित करते रहेंगे।

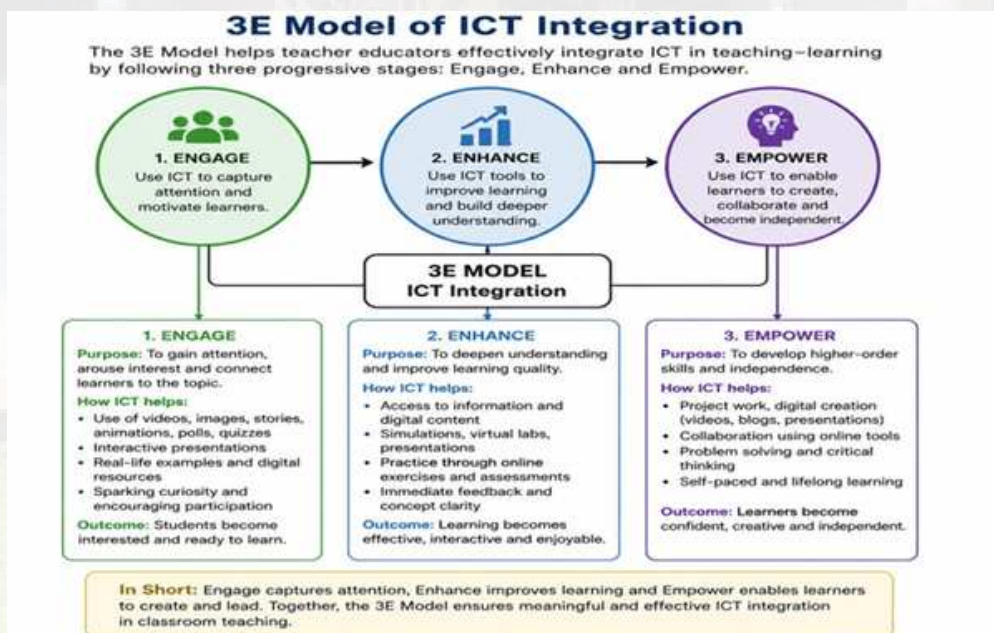
Teacher Educators' Role in Interactive Classroom Teaching through ICT and the Triple E Framework

Dr. Priyanka Sharma
Assistant Professor,
Department of Education,
Rajarshi Tandon Mahila Mahavidyalaya,
University of Allahabad



Teacher educators play an important role in making classroom teaching more effective, interactive and learner-centred. They use different teaching techniques such as group discussions, group work, activity-based learning and problem-solving approaches to increase student participation. By integrating ICT tools like smart boards, presentations, videos and online resources, they create an engaging and learner-friendly classroom environment. A teacher also plays the role of a magician who brings spark and curiosity among students and motivates them to actively participate in the teaching-learning process. Their guidance helps develop confidence, communication skills and critical thinking among learners. Teacher educators promote collaborative and learner-centred learning, making education more meaningful and enjoyable.

The effective use of ICT in teaching can be understood through the Triple E Framework, also known as the 3E Model of ICT Integration, developed by Dr. Liz Kolb. This framework explains how technology should be used purposefully to support meaningful learning. The Triple E Framework includes three important stages: Engage, Enhance and Empower (or Extend in the original framework). In the Engage stage, ICT is used to capture students' attention and create interest in learning through videos, pictures, animations, quizzes and presentations. In the Enhance stage, ICT improves understanding by using smart boards, online resources, simulations and educational applications that make learning deeper and more effective. In the Empower/Extend stage, ICT helps students become creative, confident and independent learners through projects, presentations, collaboration and self-learning activities.



Thus, technology alone is not enough for effective teaching; its success depends on how teachers use it to support learning. By following the Triple E Framework of Dr. Liz Kolb, teacher educators can create an interactive, creative and meaningful classroom environment where students actively participate and learn with confidence and curiosity.



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शिक्षार्थी स्वायत्तता की चुनौतियाँ और बाधाएँ:- एक समकालीन और दार्शनिक दृष्टिकोण

Dr. Sameer Kumar
Assistant Professor,
Department of Philosophy,
S.S. Khanna Girls' Degree College



शिक्षार्थी स्वायत्तता से आशय विद्यार्थी की उस क्षमता से है जिसके द्वारा वह अपने सीखने की प्रक्रिया की जिम्मेदारी स्वयं ग्रहण करता है। इसका अर्थ है कि विद्यार्थी केवल जानकारी प्राप्त करने तक सीमित न रहकर समझ के साथ सीखता है, प्रश्न पूछता है, विकल्पों का चयन करता है और अपनी बौद्धिक क्षमता का विकास करता है। एक स्वायत्त शिक्षार्थी जिज्ञासु, आत्मविश्वासी और खोजपरक होता है तथा वह पाठ्यपुस्तकों की सीमाओं से आगे बढ़कर ज्ञान के विविध स्रोतों की तलाश करता है। दार्शनिक दृष्टिकोण से देखा जाए तो शिक्षा का वास्तविक उद्देश्य केवल सूचना का संचय नहीं है, बल्कि स्वतंत्र चिंतन की क्षमता का विकास करना है। प्राचीन यूनानी दार्शनिक सुकरात का मत था कि ज्ञान का उद्भव प्रश्नों और संवाद के माध्यम से होता है। उनकी द्वन्द्वात्मक पद्धति (Dialectical Method) में शिक्षक सीधे उत्तर देने के बजाय प्रश्नों के माध्यम से विद्यार्थियों को सोचने के लिए प्रेरित करता है। इस प्रक्रिया में विद्यार्थी स्वयं अपने विचारों का निर्माण करता है और सत्य का खोज में सक्रिय भूमिका निभाता है। इस दृष्टि से देखा जाए तो शिक्षार्थी स्वायत्तता का विचार सुकरात की शिक्षण पद्धति से गहराई से जुड़ा हुआ है। यद्यपि यह विचार आदर्श प्रतीत होता है, परंतु वर्तमान शिक्षा व्यवस्था में अनेक विद्यार्थी स्वतंत्र शिक्षार्थी नहीं बन पाते। इसका एक प्रमुख कारण पारंपरिक शिक्षण पद्धति है जिसमें शिक्षक को ज्ञान का मुख्य स्रोत माना जाता है और विद्यार्थियों से अपेक्षा की जाती है कि वे केवल सुनें और निर्देशों का पालन करें। ऐसी व्यवस्था में संवाद, तर्क और स्वतंत्र विचार के अवसर सीमित हो जाते हैं। इसके विपरीत यदि सुकरात की संवादात्मक पद्धति को अपनाया जाए तो कक्षा में प्रश्नोत्तर और विचार-विमर्श के माध्यम से विद्यार्थियों की सक्रिय भागीदारी सुनिश्चित की जा सकती है। शिक्षा के नैतिक और बौद्धिक आयाम को समझाने के लिए प्लेटो ने चार प्रमुख सद्गुणों का उल्लेख किया—प्रज्ञा, साहस, संयम और न्याय। ये सद्गुण शिक्षार्थी स्वायत्तता के विकास में भी अत्यंत महत्वपूर्ण हैं। प्रज्ञा विद्यार्थी को विवेकपूर्ण निर्णय लेने की क्षमता प्रदान करती है, साहस उसे अपने विचार व्यक्त करने का आत्मविश्वास देता है, संयम उसे तकनीक और संसाधनों का संतुलित उपयोग करना सिखाता है, और न्याय का गुण सहयोग एवं पारस्परिक सम्मान की भावना को विकसित करता है। यदि शिक्षा व्यवस्था इन सद्गुणों को प्रोत्साहित करे तो विद्यार्थी न केवल ज्ञान प्राप्त करेंगे बल्कि नैतिक रूप से भी परिपक्व बनेंगे।

एक अन्य महत्वपूर्ण बाधा परीक्षा-केन्द्रित शिक्षा प्रणाली है। वर्तमान व्यवस्था में सीखने की प्रक्रिया की अपेक्षा अंकों को अधिक महत्व दिया जाता है। विद्यार्थी अक्सर विषय को समझने के बजाय केवल परीक्षा में अच्छे अंक प्राप्त करने के लिए अध्ययन करते हैं। इस प्रवृत्ति से रचनात्मकता और समालोचनात्मक सोच का विकास बाधित होता है। इस संदर्भ में रेने देकार्त (René Descartes) की पद्धति विशेष रूप से प्रासंगिक है। देकार्त ने ज्ञान प्राप्ति के लिए पद्धतिगत संशय (Methodical Doubt) का सिद्धांत प्रस्तुत किया और यह कहा कि किसी भी विचार को तब तक स्वीकार नहीं करना चाहिए जब तक वह स्पष्ट और तर्कसंगत न हो। उनकी गणितीय पद्धति का उद्देश्य ज्ञान को क्रमबद्ध और तार्किक आधार पर स्थापित करना था। यदि विद्यार्थी इस दृष्टिकोण को अपनाएँ तो वे रटने के बजाय तर्क और प्रमाण के आधार पर ज्ञान अर्जित करेंगे, जिससे उनकी बौद्धिक स्वायत्तता का विकास होगा। सामाजिक अपेक्षाएँ भी शिक्षार्थी स्वायत्तता को सीमित करती हैं। अनेक विद्यार्थियों पर परिवार और समाज का दबाव होता है कि वे ऐसे करियर का चयन करें जिसे सुरक्षित या प्रतिष्ठित माना जाता है। परिणामस्वरूप वे अपनी रुचियों और क्षमताओं को नजरअंदाज कर देते हैं।

यहाँ नीत्शे (Nietzsche) का दृष्टिकोण उल्लेखनीय है। नीत्शे ने पारंपरिक नैतिक मूल्यों की आलोचना करते हुए मूल्यों के पुनर्मूल्यांकन (Transvaluation of Values) की आवश्यकता पर बल दिया। उनके अनुसार मनुष्य को स्थापित मान्यताओं को अंधाधुंध स्वीकार करने के बजाय उन्हें पुनः परखना चाहिए और अपने लिए नए मूल्य निर्मित करने चाहिए। शिक्षा के क्षेत्र में यह विचार विद्यार्थियों को स्वतंत्र रूप से सोचने और अपने जीवन के निर्णय स्वयं लेने के लिए प्रेरित करता है। आधुनिक युग में प्रौद्योगिकी ने शिक्षण प्रक्रिया को नई संभावनाएँ प्रदान की हैं। इंटरनेट और डिजिटल संसाधनों के माध्यम से विद्यार्थी असीमित जानकारी तक पहुँच सकते हैं। वे ऑनलाइन व्याख्यान देख सकते हैं, शोध लेख पढ़ सकते हैं और विभिन्न कौशल सीख सकते हैं। परंतु इसके साथ-साथ तकनीक ध्यान भंग का कारण भी बन सकती है। सोशल मीडिया और मनोरंजन संबंधी सामग्री अक्सर विद्यार्थियों की एकाग्रता को कम कर देती है। इसलिए तकनीक का प्रभावी उपयोग तभी संभव है जब विद्यार्थियों में आत्म-अनुशासन और विवेक का विकास हो।

इस संदर्भ में जॉन ड्यूई (John Dewey) का अनुभवात्मक शिक्षण सिद्धांत अत्यंत महत्वपूर्ण है। ड्यूई के अनुसार शिक्षा का आधार अनुभव और सक्रिय भागीदारी होना चाहिए। जब विद्यार्थी परियोजना कार्य, प्रयोग और समस्या-समाधान जैसी गतिविधियों में भाग लेते हैं, तब वे केवल जानकारी प्राप्त नहीं करते बल्कि वास्तविक जीवन से जुड़ी समझ विकसित करते हैं। यह प्रक्रिया शिक्षार्थी स्वायत्तता को सुदृढ़ बनाती है। भाषा भी स्वायत्तता को प्रभावित करने वाला एक महत्वपूर्ण कारक है। अनेक बार विद्यार्थियों को ऐसी भाषा में पढ़ाया जाता है जिसमें वे पूरी तरह सहज नहीं होते। इससे वे अपने विचारों को स्पष्ट रूप से व्यक्त नहीं कर पाते और चर्चा में भाग लेने से हिचकते हैं। परिणामस्वरूप उनकी सीखने की स्वतंत्रता प्रभावित होती है।



मनोवैज्ञानिक बाधाएँ भी उतनी ही महत्वपूर्ण हैं। अनेक विद्यार्थियों में आत्मविश्वास की कमी होती है और वे गलती करने से डरते हैं। असफलता का भय उन्हें नए प्रयोग करने से रोकता है। जबकि सीखने की प्रक्रिया में गलतियाँ करना स्वाभाविक है और यही अनुभव आगे के ज्ञान का आधार बनता है। इस संदर्भ में इममनुअल कांट (Immanuel Kant) का स्वायत्तता सिद्धांत उल्लेखनीय है। कांट के अनुसार मनुष्य की वास्तविक स्वतंत्रता तब होती है जब वह अपने विवेक और तर्क के आधार पर निर्णय लेने में सक्षम हो। शिक्षा का उद्देश्य भी यही होना चाहिए कि विद्यार्थी बाहरी दबावों के बजाय अपने विवेक से सोचने और निर्णय लेने की क्षमता विकसित करें। शिक्षकों को भी कई व्यावहारिक चुनौतियों का सामना करना पड़ता है। बड़ी कक्षाएँ, सीमित समय और पाठ्यक्रम पूरा करने का दबाव उन्हें प्रत्येक विद्यार्थी की व्यक्तिगत आवश्यकता पर ध्यान देने से रोकता है। कभी-कभी अनुशासन बनाए रखने के लिए शिक्षक नियंत्रित वातावरण को प्राथमिकता देते हैं, जिससे विद्यार्थियों की सक्रिय भागीदारी कम हो जाती है।

इन चुनौतियों के बावजूद सचेत प्रयासों के माध्यम से शिक्षार्थी स्वायत्तता को विकसित किया जा सकता है। शिक्षक ऐसा कक्षात्मक वातावरण बना सकते हैं जिसमें विद्यार्थी अपने विचार साझा करने में सहज महसूस करें। संवाद, परियोजना कार्य, समूह चर्चा और प्रस्तुतियाँ जैसी गतिविधियाँ विद्यार्थियों की सक्रिय भागीदारी को प्रोत्साहित करती हैं। विद्यार्थियों की भी महत्वपूर्ण भूमिका होती है। उन्हें स्वतंत्र रूप से सीखने की दिशा में छोटे-छोटे कदम उठाने चाहिए—जैसे व्यक्तिगत लक्ष्य निर्धारित करना, प्रश्न पूछना, नए विषयों का अध्ययन करना और समय का उचित प्रबंधन करना। अभिभावक भी बच्चों को स्वतंत्र रूप से सोचने के लिए प्रोत्साहित करके और उनके निर्णयों का सम्मान करके इस प्रक्रिया में योगदान दे सकते हैं। अंततः यह कहा जा सकता है कि शिक्षार्थी स्वायत्तता सार्थक शिक्षा की आधारशिला है। यह केवल शैक्षणिक उपलब्धि को ही नहीं बढ़ाती बल्कि विद्यार्थियों को विचारशील, जिम्मेदार और आत्मनिर्भर नागरिक बनने में भी सहायता करती है। सुकरात की संवादात्मक पद्धति, प्लेटो के नैतिक सद्गुण, देकार्त की तार्किकता, नीत्शे का मूल्य-पुनर्मूल्यांकन, ड्यूई का अनुभवात्मक शिक्षण और कांट का स्वायत्तता सिद्धांत—इन सभी दार्शनिक दृष्टिकोणों को शिक्षा में समाहित करके हम ऐसी शिक्षण व्यवस्था विकसित कर सकते हैं जो विद्यार्थियों को केवल ज्ञान देने के बजाय उन्हें स्वतंत्र चिंतन और आत्मनिर्भरता की दिशा में अग्रसर करे।

सूचना एवं संचार प्रौद्योगिकी (ICT) पद्धतियों के माध्यम से कक्षा के वातावरण को बेहतर बनाना

Mr. Tanmay Kumar Gupta
 Assistant Professor,
 Dr. Madhu Tandon B.Ed. Faculty,
 S.S. Khanna Girls' Degree College



आज विका सशील देशों में नई-नई पद्धतियों का विकास दिन-प्रति दिन बढ़ता चला जा रहा है। ये पद्धति यां विज्ञान के नवीन आविष्कारों पर केंद्रित हो ती हैं। आज विभिन्न प्रकार के साधनों का प्रयोग हो रहा है, जैसे- कंप्यूटर, चलचित्र, टेपरिकॉर्डर, स्मार्टफोन, पेनड्राइव तथा प्रोजेक्टर का प्रयोग करके विद्यार्थी स्वयं सीख रहे हैं। आज देश के कोने कोने में बैठा विद्यार्थी अपने घर पर बैठकर विभिन्न प्रकार की तकनी की के माध्यम से को चिंगवलास कर रहे हैं। आज जिस प्रकार से विद्यार्थी, शिक्षा में तकनी की साधनों का प्रयोग कर रहे हैं उसी प्रकार से उनके पाठ्यक्रम में भी परि वर्तन ला या जा रहा है। जिससे छात्र तकनी की के क्षेत्र में और भी ज्यादा आगे बढ़ रहे हैं। तकनी की विकास पर केंद्रित शैक्षिक पद्धति यां सिखने वाले विद्यार्थियों को अधिक स्वायत्त तथा आत्मनिर्भर बना देती हैं।

वर्तमान समय विज्ञान और तकनी की का युग है। शिक्षा के क्षेत्र में सूचना एवं संचार प्रौद्योगिकी की (ICT) का महत्व निरंतर बढ़ता जा रहा है। शिक्षा में ICT के प्रयोग से कक्षा का वातावरण अधिक आकर्षक, प्रभावशाली, सक्रिय तथा छात्र-केंद्रित बन गया है। पहले कक्षा शिक्षण केवल पुस्तक, ब्लैकबोर्ड और व्याख्यान पद्धति तक सीमित था, जिससे कई बार विद्यार्थियों में रुचि की कमी दिखाई देती थी। किंतु आज कंप्यूटर, स्मार्ट बोर्ड, प्रोजेक्टर, इंटरनेट, मोबाइल, टैबलेट, शैक्षिक एप्स तथा डिजिटल सामग्री के प्रयोग से शिक्षण प्रक्रिया रोचक और सरल हो गई है। विद्यार्थी चित्र, वीडियो, एनीमेशन तथा ऑडियो के माध्यम से कठिन विषयों को भी आसानी से समझ पाते हैं। ICT के माध्यम से कक्षा का वातावरण अधिक सहभागितापूर्ण बनता है। विद्यार्थी केवल सुनने वाले नहीं रहते, बल्कि वे प्रश्न पूछते हैं, प्रस्तुति यां देते हैं, ऑनलाइन गतिविधियों में भाग लेते हैं तथा समूह चर्चा करते हैं। इससे विद्यार्थियों में आत्मविश्वास और संचार कौशल का विकास होता है।

स्मार्ट कक्षाओं में शिक्षक विभिन्न प्रकार के डिजिटल साधनों का उपयोग करके पाठ को जीवंत बना देते हैं। उदाहरण के लिए, इतिहास के पाठ में ऐतिहासिक घटनाओं की वीडियो दिखाना, भूगोल में मानचित्र एवं पृथ्वी की संरचना को एनीमेशन के माध्यम से समझाना तथा विज्ञान में प्रयोगों को डिजिटल रूप से प्रदर्शित करना विद्यार्थियों की जिज्ञासा को बढ़ाता है। इससे सीखना अधिक स्थायी और प्रभावशाली बनता है। ICT विद्यार्थियों की व्यक्तिगत भिन्नताओं को ध्यान में रखने में भी सहायक है। प्रत्येक छात्र अपनी गति और क्षमता के अनुसार सीख सकता है। कमजोर विद्यार्थी पुनः वीडियो देखकर विषय को समझ सकते हैं, जबकि प्रतिभाशाली विद्यार्थी अतिरिक्त जानकारी प्राप्त कर सकते हैं।

इससे कक्षा में समान अवसर की भावना विकसित होती है। इसके अतिरिक्त, ICT के प्रयोग से शिक्षक कक्षा प्रबंधन को भी अधिक व्यवस्थित बना सकते हैं। ऑनलाइन उपस्थिति, गृहकार्य, परीक्षा एवं मूल्यांकन की प्रक्रिया सरल होजाती है। डिजिटल रिकॉर्ड सुरक्षित रहते हैं तथा समय की बचत होती है। ICT के माध्यम से विद्यार्थियों में रचनात्मकता और नवाचार की भावना का भी विकास होता है। वे प्रोजेक्ट, प्रस्तुति, पोस्टर, ई-पत्रिका तथा डिजिटल

सामग्री तैयार करके अपनी प्रतिभा का प्रदर्शन करते हैं। इससे उनमें आत्मनिर्भरता और तकनीकी दक्षता विकसित होती है। हालांकि ICT के अनेक लाभ हैं, फिर भी इसका संतुलित उपयोग आवश्यक है। अत्यधिक मोबाइल और इंटरनेट के प्रयोग से विद्यार्थियों का ध्यान भटक सकता है तथा स्वास्थ्य संबंधी समस्याएं भी उत्पन्न हो सकती हैं। इसलिए शिक्षक और अभिभावकों को विद्यार्थियों को तकनीक के उचित एवं नैतिक उपयोग के लिए मार्गदर्शन देना चाहिए।

अंततः कहा जा सकता है कि सूचना एवं संचार प्रौद्योगिकी की (ICT) ने शिक्षा के क्षेत्र में कक्षा के वातावरण को अधिक प्रभावशाली, रोचक और शिक्षार्थी-केंद्रित बना दिया है। इसके माध्यम से विद्यार्थियों में ज्ञान, कौशल और रचनात्मकता का विकास होता है। यदि ICT का सही दिशा में उपयोग किया जाए, तो यह शिक्षा की गुणवत्ता को नई ऊंचाइयों तक पहुंचाने में अत्यंत सहायक सिद्ध हो सकता है।

Enhancing the Classroom Environment through Learner Autonomy

Ms. Mohini Shukla,
Assistant Professor,
Department of Law,
S.S. Khanna Girls' Degree College



In traditional classrooms, students often remain passive recipients of knowledge, leading to disengagement and limited skill development. Learner autonomy offers a powerful solution by empowering students to take responsibility for their own learning.

Learner autonomy refers to the ability of students to set goals, choose learning strategies, monitor progress, and evaluate their outcomes. The teacher's role shifts from being the sole authority to a facilitator or "guide on the side."

This approach significantly enhances the classroom environment in several ways. It boosts student motivation and engagement by giving them ownership and choice in their learning. It develops critical thinking, problem-solving, and self-regulation skills. Personalized learning pathways cater to individual needs, reducing frustration and learning gaps. Additionally, it fosters better teacher-student and peer relationships, creating a more positive and collaborative classroom climate. Ultimately, it prepares students for real-world success by building essential 21st-century skills.



Educators can promote autonomy through practical strategies such as student goal-setting journals, choice-based assignments, learning contracts, peer teaching, and technology-enabled self-paced activities. Metacognitive training and flexible grouping also play a vital role. While challenges like initial student resistance, teacher workload, and equity concerns exist, they can be addressed through gradual implementation, clear expectations, and proper scaffolding.

In conclusion, fostering learner autonomy transforms classrooms into dynamic, student-centered spaces filled with curiosity and creativity. By empowering students to become active participants in their education, we prepare them not just to succeed academically, but to thrive as independent, lifelong learners.

Reels Over Rote:
Gen Z's Visual-Digital Learning Styles and the Collapse of
India's Colonial-Era Education System;
Forging Financial Independence Through Content Creation

Dr. Riya Sinha,
Assistant Professor,
Department of Law,
S.S. Khanna Girls' Degree College



In small towns across India, 20-year-old Rashi from Azamgarh no longer dreams of a government job after college. Instead, she films short reels on her phone on cooking local recipes, sharing fashion tips in Hindi, and teaching simple photography tricks. In just a year, her content has brought her ₹50,000 a month and a sense of freedom. Rashi is part of a quiet revolution. India's Gen Z is choosing reels, photography, and short videos over rote learning and outdated degrees.

India's education system, which is rooted in colonial times, still pushes memorisation, long lectures, and high-stakes exams like NEET or JEE. Students spend years "byhearting" textbooks, but when they graduate, reality hits hard. Nearly 40% of graduates aged 15 to 25 are unemployed, according to recent reports. Many feel the system teaches nothing practical; no real skills for today's world. It leaves them unprepared for jobs that actually exist.



Gen Z learns differently. Being born into the era of smartphones and fast internet, they love visual, quick, and interactive content. They prefer watching short videos, trying things hands-on, and learning at their own pace over sitting in boring classrooms. Studies show they thrive on YouTube tutorials, and creative projects, and not on endless notes. Traditional schools feel slow and disconnected from their fast, digital lives.

As a result, they are creating their own path. A 2024 YouTube India-SmithGeiger report (TOI Tech Desk, 2025) found that 83% of Indian Gen Z now see themselves as content creators. About 75% call it a real career, not just a hobby. More than 55% have gained financial independence through platforms like Instagram Reels, YouTube Shorts, and photography gigs. Women creators have grown by 40% in two years, and the boom is strongest in Tier-2 and Tier-3 cities. Many earn more than entry-level office jobs, sometimes lakhs per month from brand deals and views.

This shift is smart as cheap data and phones have made it possible for anyone to start. Creators preserve local culture, build communities, and even buy homes early. The government's 2026 Budget push for the "Orange Economy" (creative industries like content and AVGC) shows it recognises this new reality. (VisionIAS, 2026)

Of course, not every reel-maker succeeds and issues of unstable income remain for some. However, for many Gen Z youth, this is empowerment. Reels are not "timepass," rather they are a rebellion against a broken system. As India's education catches up, these young creators are proving that not just certificates can build real futures. They are already proving that creativity can beat the old rote-learning system. The message is clear: in 2026, the future belongs to those who create, not just memorise.



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The Concept of learner autonomy has been central to the Council of Europe's thinking

Mr. Abhishek Singh,
Regional Youth Welfare Officer,
Uttar Pradesh



The concept of learner autonomy has been central to the Council of Europe's thinking about language teaching and learning since 1979, when Henri Holec wrote *Autonomy and foreign language learning* (cited here as Holec 1981). Holec began by defining learner autonomy as the "ability to take charge of one's own learning", noting that this ability "is not inborn but must be acquired either by 'natural' means or (as most often happens) by formal learning, i.e. in a systematic, deliberate way", and pointing out that "To take charge of one's learning is to have [...] the responsibility for all the decisions concerning all aspects of this learning [...]" (Holec 1981, p.3).

Holec's report was a contribution to the Council of Europe's work in adult education, which sought to promote the learner's freedom "by developing those abilities which will enable him to act more responsibly in running the affairs of the society in which he lives" (ibid., p.1). When learner autonomy is one of its defining goals, adult education

becomes an instrument for arousing an increasing sense of awareness and liberation in man, and, in some cases, an instrument for changing the environment itself. From the idea of man "product of his society", one moves to the idea of man "producer of his society". (Janne 1977. p.3: cit. Holec 1981. p.1) Learner autonomy, in other words, belongs together with the idea that one of the functions of (adult) education is to equip learners to play an active role in participatory democracy. That is why it remains central to the Council of Europe's educational concerns.



Implications of this definition of learner autonomy

We take our first step towards developing the ability to take charge of our own learning when we accept full responsibility for the learning process, acknowledging that success in learning depends crucially on ourselves rather than on other people. This acceptance of responsibility entails that we set out to learn, "in a systematic, deliberate way", the skills of reflection and analysis that enable us to plan, monitor and evaluate our learning. But accepting responsibility for our own learning is not only a matter of gradually developing metacognitive mastery of the learning process. It has an equally important affective dimension: in their commitment to self-management and their generally proactive approach, autonomous learners are motivated learners. What is more, Holec's definition entails that autonomous learners can freely apply their knowledge and skills outside the immediate context of learning.

Socio-Cultural Impacts on Educational Accomplishments

Ms. Nandita Bose,
M.Ed. III Semester,
University Of Allahabad



“The function of education is to teach one to think intensively and to think critically.”

—Martin Luther King Jr.

Society and culture play a significant role in shaping values, attitudes, and expectations toward education. Supportive socio-cultural environments can encourage motivation, confidence, and achievement, whereas social inequalities, discrimination, poverty, and cultural restrictions may hinder educational progress. In diverse societies, differences in social class, caste, ethnicity, and gender often create unequal educational outcomes among learners.

“Learning is deeply rooted in culture and social interaction.”

Education is not merely an individual process of acquiring knowledge; it is deeply influenced by the social and cultural environment in which a learner grows and develops. A child's educational accomplishment is shaped not only by intelligence and personal effort but also by factors such as family background, socio-economic status, caste, gender, language, religion, peer groups, and community culture. These socio-cultural conditions determine access to educational opportunities, learning experiences, aspirations, and academic performance.

The term socio-cultural impacts refers to the influence of social and cultural conditions on human behaviour, identity formation, and institutional functioning. In the context of education, these impacts determine who gains access to quality education, how knowledge is communicated, which cultural values are legitimized, and whose voices remain marginalized. Factors such as language, caste, class, gender, religion, ethnicity, and cultural capital shape the educational experiences of learners in both direct and indirect ways. Educational systems often reproduce existing social inequalities rather than eliminating them, thereby creating unequal learning opportunities among different groups. Lev Vygotsky emphasized the importance of society and culture in the learning process through his Socio-Cultural Theory. According to Vygotsky, cognitive development occurs through social interaction and participation in cultural activities. He argued that learning is not an individual process alone but develops through interaction with parents, teachers, peers, and society. Language, communication, and cultural tools play a central role in shaping thought and understanding.

Sociologists of education such as Pierre Bourdieu, Paulo Freire, and Louis Althusser emphasized that education is closely connected with power relations and social structures. Bourdieu argued that schools reward the cultural practices of dominant groups, while Freire viewed education as either a tool of liberation or an instrument of oppression. Similarly, Althusser described schools as ideological institutions that reproduce dominant ideologies and social hierarchies. These perspectives reveal how socio-cultural conditions influence educational experiences and outcomes.

In multicultural and diverse societies like India, socio-cultural impacts on education become even more visible. Learners from marginalized castes, minority linguistic backgrounds, rural communities, and patriarchal families often encounter barriers that affect their educational participation and achievement. Communication difficulties, caste discrimination, and gender inequalities continue to shape the educational landscape despite constitutional guarantees of equality and inclusion.

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Caste Dynamics and Social Stratification:

Caste is one of the oldest and most rigid systems of social stratification in Indian society. It divides people into hierarchical groups based on birth, occupation, ritual purity, and social status. The caste system historically determined access to education, resources, power, and social mobility. Although modern constitutional provisions prohibit caste discrimination, its influence continues to shape educational experiences and opportunities.

Social stratification refers to the structured inequality that exists between different social groups in terms of wealth, power, prestige, and opportunities. Education often reflects and reproduces these social inequalities rather than eliminating them.

The denial of education served as a mechanism of social control. By preventing marginalized communities from acquiring knowledge, dominant groups maintained their economic and political power. The historical legacy of educational exclusion has created deep structural inequalities that persist even today.

Caste Discrimination in Educational Institutions:

Caste discrimination remains a major socio-cultural challenge within schools and universities. Students from Scheduled Castes, Scheduled Tribes, and other marginalized communities often experience humiliation, exclusion, and prejudice such as - segregation in seating arrangements, teacher bias and low expectations, peer bullying and social exclusion, stereotyping of intellectual abilities, and unequal participation in school activities.

Students from marginalized castes may internalize feelings of inferiority due to repeated experiences of discrimination. Such psychological effects negatively influence academic motivation and self-esteem.

- **Cultural Capital and Educational Inequality:**

Pierre Bourdieu (1930–2002) was a French sociologist, anthropologist, and public intellectual whose theories reshaped the study of social life. He argued that schools reward the cultural practices and values of dominant social groups. Upper-caste families often possess greater educational resources, literacy traditions, social networks, and familiarity with institutional culture. These forms of cultural capital provide academic advantages to privileged students. Economic deprivation combined with social discrimination creates multiple barriers to educational success.

The curriculum itself may reflect dominant caste perspectives while ignoring the histories, struggles, and contributions of marginalized communities. Such exclusion reinforces symbolic domination and limits the development of inclusive knowledge systems.

- Symbolic Interactionist Perspective on Caste and Educational Experiences:

The theory of Symbolic Interactionism, developed by George Herbert Mead and later expanded by Herbert Blumer, explains how social identities and meanings are formed through everyday interactions. According to Mead, individuals develop their sense of self through communication and interaction with others. Social behaviour is therefore shaped by symbols, language, gestures, and shared meanings. Students from marginalized castes may experience labelling, exclusion, or humiliation within schools. Teachers and peers sometimes associate lower caste identities with inferiority, low intelligence, or poor capability. Such labels influence students' self-perception and academic confidence.

The concept of the self-fulfilling prophecy is especially relevant here. When teachers hold low expectations toward marginalized students, learners may internalize those expectations and underperform academically. Thus, classroom interactions contribute to the reproduction of caste inequality. Symbolic interactionism also highlights the role of language, gestures, seating arrangements, and social behaviour in maintaining caste hierarchies.



- Max Weber on Social Stratification:

Weber argued that society is structured through three interconnected dimensions:

Class – economic position and access to resources

Status – social prestige and honour

Power – ability to influence decisions and control institutions.

Weber believed that status groups maintain social closure by restricting opportunities to others. Educational institutions can become mechanisms of social closure when dominant groups monopolize access to quality education, professional networks, and cultural capital. Weber's perspective explains why educational inequality persists even when legal equality exists. Social prestige, discrimination, and institutional power continue to shape access to educational success.

- Pierre Bourdieu and Social Reproduction:

Pierre Bourdieu argued that schools reproduce existing social inequalities through cultural capital and symbolic violence. Dominant caste and class groups possess linguistic styles, cultural knowledge, and social behaviours valued by educational institutions. Marginalized students often feel culturally alienated because the curriculum and institutional norms reflect dominant social values. This process of symbolic domination reinforces caste-based inequality across generations.

Education must function as an instrument of social transformation rather than social reproduction. Inclusive educational practices can challenge caste hierarchies and promote democratic citizenship.

Communication and Language Barriers: Linguistic and Sociolinguistic Perspectives:

Language is one of the most powerful tools of communication and learning. It serves as a medium through which knowledge is transmitted, ideas are expressed, and cultural identities are preserved. In educational settings, language plays a central role in teaching, classroom interaction, comprehension, and cognitive development. However, linguistic diversity and unequal language recognition often create barriers that hinder effective learning and participation. Communication barriers arise when students are unable to understand or effectively use the language of instruction. These barriers may emerge due to differences in mother tongue, dialect, pronunciation, vocabulary, or communication style. In multilingual societies, students frequently enter schools where the medium of instruction differs from the language spoken at home. Such situations create difficulties in comprehension, self-expression, classroom participation, and academic performance. In countries with linguistic diversity, educational systems often privilege dominant or official languages over local or indigenous languages. Students belonging to minority linguistic communities may experience alienation and exclusion when their home language is ignored or devalued within educational institutions.



Communication Styles and Classroom Interaction:

Communication barriers are not limited to language differences alone. Cultural variations in communication styles also affect educational experiences. Different communities may follow distinct norms regarding eye contact, questioning authority, speaking in groups, or interacting with elders.

- Rama Kant Agnihotri and Multilingualism in Education:

Indian linguist Rama Kant Agnihotri strongly advocated multilingualism and linguistic democracy in education. According to Agnihotri, every child enters school with rich linguistic competence acquired from family and community interactions. However, formal educational institutions often devalue local dialects and regional languages by privileging standardized or elite languages such as English.

Agnihotri criticized the rigid “one language-one identity” approach in education and argued that multilingual classrooms should be viewed as educational resources rather than problems. He believed that children learn more effectively when their mother tongue and lived linguistic experiences are respected within classrooms. Excluding students’ home languages creates alienation, low participation, and cognitive barriers.

- **Lev Vygotsky and Social Interaction:**

Lev Vygotsky emphasized that language develops through social interaction. His concept of the Zone of Proximal Development (ZPD) explains that learners acquire knowledge through guided communication and collaborative learning. Language barriers therefore disrupt not only communication but also cognitive development and social participation. If students cannot comfortably interact in classroom discourse, their educational growth becomes restricted. Vygotsky's perspective reinforces the importance of supportive and culturally responsive communication in educational settings.

Educational institutions must adopt inclusive linguistic practices to ensure equitable learning opportunities:

- Multilingual education should be promoted, especially at the primary level.
- Mother tongue instruction can enhance comprehension and emotional connection with learning.
- Teachers should receive training in culturally responsive pedagogy.

By valuing students' linguistic identities and promoting inclusive communication, education can become more democratic and accessible.

Gender Roles and Patriarchy:

Understanding Gender and Patriarchy:

Gender refers to the socially constructed roles, expectations, behaviors, and identities associated with men and women. Unlike biological sex, gender is shaped by cultural norms and socialization processes. Patriarchy is a social system in which men hold dominant power and authority in political, economic, cultural, and familial institutions.

Patriarchal societies assign different roles and responsibilities to males and females. Men are often associated with leadership, rationality, and public life, whereas women are linked with domesticity, care work, obedience, and emotional labour. These gender norms significantly influence educational opportunities and experiences.

Feminist scholars such as Simone de Beauvoir argued that "One is not born, but rather becomes, a woman," emphasizing that gender identities are socially constructed. Patriarchal socialization therefore shapes educational expectations, aspirations, and participation patterns from early childhood. In many communities, girls' education is considered less important than boys' education. Families may prioritize sons' schooling while expecting daughters to contribute to unpaid domestic labour or marry early. As a result, girls frequently face interruptions in education, lower enrolment rates, and reduced educational opportunities.

Patriarchy and Educational Access:

Patriarchal norms create structural barriers that restrict girls' educational participation. These barriers include: early marriage, domestic responsibilities, safety concerns, gender discrimination, poverty and son preference, and lack of sanitation facilities in school. In rural and conservative settings, girls may be discouraged from pursuing higher education due to concerns regarding honour, mobility, or traditional gender expectations. Educational institutions themselves may reproduce patriarchal attitudes through curriculum content, teacher behaviour, and institutional policies.

Gender Bias in Curriculum and Classroom Practices:

Schools are not neutral institutions; they often reinforce gender stereotypes through textbooks, teaching practices, and hidden curriculum. Textbooks may portray men as leaders, scientists, and professionals, while women are depicted as mothers, homemakers, or supportive figures.

The hidden curriculum — the implicit values and norms transmitted through educational practices — reinforces patriarchal beliefs regarding gender roles and authority. Girls may internalize feelings of inferiority, whereas boys may develop attitudes of dominance and entitlement.

- **Sylvia Walby and Structures of Patriarchy:**

Sylvia Walby developed a comprehensive theory of patriarchy that explains how male dominance operates through multiple social structures. According to Walby, patriarchy is not limited to family relations but exists across institutions such as education, employment, religion, media, and the state. Walby identified six major structures of patriarchy:

- Household production
- Paid work
- The state
- Male violence
- Sexuality
- Cultural institution

Walby's theory further highlights how educational institutions themselves reproduce patriarchal ideology through curriculum, classroom interaction, and hidden curriculum. Textbooks often portray men as scientists, leaders, and decision-makers, while women are represented in nurturing or domestic roles.

In the context of socio-cultural impacts on education, Walby's theory explains how patriarchal values become deeply embedded in educational systems and influence the academic experiences and accomplishments of learners. From early childhood, boys and girls are socialized differently according to culturally constructed gender roles. Girls are often encouraged to be obedient, passive, and domestic, whereas boys are associated with leadership, rationality, and independence. These socio-cultural expectations significantly affect educational participation, confidence, subject choices, and career aspirations. Walby's perspective demonstrates that educational inequality is not merely an individual issue but a structural problem rooted in broader socio-cultural systems of patriarchy.

Gender-sensitive pedagogy, inclusive curriculum, equal educational opportunities, and empowerment-oriented education are essential for creating educational environments where all learners can achieve their full potential irrespective of gender.

- **Iris Marion Young's Feminist Perspective:**

Iris Marion Young's feminist theory provides a significant framework for understanding the socio-cultural impacts on educational accomplishments. Young's concept of the Five Faces of Oppression — exploitation, marginalization, powerlessness, cultural imperialism, and violence — helps explain how socio-cultural structures create unequal educational conditions. These forms of oppression operate simultaneously within educational institutions and affect students' participation, confidence, performance, and access to opportunities.

Educational accomplishments cannot be understood solely through individual merit or intelligence because social power relations shape learning opportunities, institutional treatment, and self-perception. Students from marginalized genders or social groups often struggle not because of lack of ability, but because socio-cultural systems restrict their participation and recognition.

- **Feminist Pedagogy and Gender Justice:**

Feminist scholars advocate educational practices that challenge patriarchal power relations and promote equality. Feminist pedagogy emphasizes:

- Equal participation in classrooms
- Recognition of women's experiences
- Critical thinking about gender norms
- Democratic teacher-student relationships
- Inclusive curriculum development

Education becomes a means of empowerment when it encourages students to critically question social inequalities and oppressive structures.



Conclusion:

Socio-cultural factors deeply shape educational structures, opportunities, and outcomes. Communication and language barriers, caste and social stratification, and gender roles and patriarchy significantly influence learners' experiences within educational institutions. These factors determine who participates confidently in classrooms, who gains access to quality education, and whose identities are recognized or marginalized.

Language barriers create unequal learning conditions by privileging dominant linguistic groups and excluding minority learners. Caste and social stratification reproduce historical inequalities through discrimination, unequal resources, and restricted opportunities. Patriarchal gender norms continue to limit girls' educational participation, aspirations, and empowerment. s Paulo Freire stated, education should enable individuals to critically understand and transform their social realities. A truly inclusive educational system must empower marginalized voices, challenge oppressive structures, and promote dignity, equality, and human development for all learners.

Understanding Learner Autonomy

Ms. Hera Samdhani,
Alumnus, B.Ed. Faculty,
Dr. Madhu Tandon B.Ed. Faculty



In today's evolving education system, the concept of learner autonomy has gained significant importance as it shifts the focus from teacher-centered instruction to student-driven learning, where learners gradually take responsibility for their own progress and development. This growth is deeply influenced by motivation, as interested and curious students naturally engage more actively, explore ideas beyond textbooks, and develop a genuine love for learning, while their socio-cultural background, including family support, environment, and access to resources, plays a crucial role in shaping their attitudes and opportunities in education. At the same time, the journey towards autonomy is not without challenges, as many learners struggle with dependence on teachers, fear of failure, lack of confidence, and limited exposure to independent learning strategies, which makes the role of educators even more essential in guiding, supporting, and creating a safe space for gradual independence. In this process, assessment and feedback should go beyond mere grading and instead focus on constructive insights that help students reflect, identify their strengths and areas for improvement, and take meaningful steps towards self-improvement.



Furthermore, the integration of ICT in the classroom significantly enhances this experience by providing interactive, engaging, and flexible learning opportunities that allow students to learn at their own pace and access a wider range of knowledge. Altogether, when motivation, supportive environments, thoughtful feedback, and effective use of technology come together, they create a strong foundation for learner autonomy, ultimately preparing students to become confident, responsible, and lifelong learners.

Challenges and Barriers to Learner Autonomy

Ms. Raziya Haider,
B.Ed. 4th Semester,
Dr. Madhu Tandon B.Ed. Faculty
2024-2026.



(A Story of My Learning Journey)

A Small Beginning (Story Introduction)

It is early morning. I wake up with a plan in my mind—to complete my targets for the day. My books are ready, my schedule is written, and my goal is clear. But as I sit to study, my mind is not as calm as I expected.

Thoughts begin to appear—

“Will I be able to complete everything?”

“Am I doing enough for my future?”

Even before starting, I feel a kind of pressure. This is not just my story; it is the story of many students who are trying to become independent learners but are silently fighting their own challenges.

What Learner Autonomy Means to Me

For me, learner autonomy is not just a concept from books. It means:

Studying on my own for my goals

Managing my time between college and self-study

Staying motivated without depending on others

As a student preparing for competitive exams along with my college, I am constantly trying to become an independent learner. But this journey is not as smooth as it looks.

The Challenges I Faced

When Thoughts Become a Barrier

Many times, I sit with my books, but my mind is full of worries. I think about my syllabus, my preparation, and my future. This overthinking creates anxiety, and instead of focusing on studies, I feel mentally tired.

Sometimes, this stress even affects my body. I feel uncomfortable and restless, which makes studying even harder. I realize that learning is not only about books, but also about managing emotions.

When Time Feels Less

My day is divided between college, self-study, and responsibilities at home. I try to follow a proper timetable, but not every day goes as planned.

When I am unable to complete my targets, I feel guilty. It feels like I am falling behind, even when I am trying my best. This pressure sometimes reduces my motivation instead of increasing it.

The Voice of Self-Doubt

There are moments when I question myself—
“Am I capable of achieving my dream?”

Seeing others doing well sometimes creates pressure. Even though I work hard, these thoughts make me doubt my abilities. I have learned that self-confidence is very important, but building it is not always easy.



When Learning Becomes Difficult

There are times when I do not understand certain subjects or concepts clearly. When teaching methods or language become a barrier, I feel dependent on others.

At such moments, I feel that my independence as a learner is affected. It reminds me that clarity and understanding are essential for true learning.

Responsibilities Beyond Studies

My learning journey is not limited to books. I also have responsibilities at home, like helping in daily tasks and supporting my family.

While these responsibilities are important, they also take time and energy. After managing everything, I often feel tired, which affects my ability to study with full focus.

When Mind and Body Need Rest

There are days when I want to study, but I feel physically and mentally exhausted. Continuous pressure and lack of rest reduce my efficiency.

Through this, I have understood that rest is not a waste of time—it is necessary for better learning.

What This Journey Is Teaching Me

Despite all these challenges, I have not stopped trying. Slowly, I am learning:

- To accept that not every day will be perfect
- To focus on small goals instead of everything at once
- To be patient with myself
- To keep going even when things feel difficult

I have realized that learner autonomy is not about being perfect—it is about being consistent.

Conclusion

Learner autonomy is a powerful idea, but in reality, it comes with many challenges. Anxiety, time pressure, self-doubt, and responsibilities all act as barriers in this journey.

Through my personal experiences, I have understood that these challenges are a natural part of learning. What matters is not avoiding them, but learning how to face them.

Final Reflection

“Every day I struggle, but every day I also grow. Maybe that is what true learning really means.”

Assessment and Feedback for Autonomous Learning

Ms. Dipali Kesarwani,
B.Ed. 4th Semester,
Dr. Madhu Tandon B.Ed. Faculty
2024-2026.



“Independent learning creates strong minds.” Autonomous learning means students take responsibility for their own learning. In this process, assessment and feedback play an important role. Assessment is not only about exams, but also about understanding how much a student has learned. Self- assessment and peer assessment help students identify their strengths and weaknesses. It makes them more confident and independent. Feedback helps students improve their performance. It should be clear, positive, and given on time. Good feedback guides students on what they are doing well and what needs improvement.

INDEPENDENT LEARNING CREATES STRONG MINDS

Assessment and feedback are the keys to autonomous learning.

AUTONOMOUS LEARNING



Students take responsibility for their own learning. They set goals, plan, monitor progress and reflect on their learning.

ASSESSMENT IS MORE THAN EXAMS

Assessment is not only about exams, but also about understanding how much a student has learned.



- Measures progress
- Identifies strengths and weaknesses
- Helps in improvement

SELF-ASSESSMENT

Helps students identify their strengths and weaknesses.



WHERE AM I?

- ✓ What I did well
- What I need to improve
- My next steps

PEER ASSESSMENT

Encourages students to learn from each other and build confidence.



FEEDBACK HELPS IMPROVE

Feedback guides students on what they are doing well and what needs improvement.

GOOD FEEDBACK IS:

- ✓ Clear
- ✓ Positive
- ✓ Specific
- ✓ Timely



IN CONCLUSION

Assessment and feedback support autonomous learning by making students active, responsible, and lifelong learners.



Active



Responsible



Lifelong Learners

In conclusion, assessment and feedback support autonomous learning by making students active, responsible, and lifelong learners.

Take Charge of Your Learning: The Power of Learner's Autonomy

Ms. Tanu Modanwal,
B.Ed. 4th Semester,
Dr. Madhu Tandon B.Ed. Faculty
2024-2026.



“Learner autonomy is the power of a learner to take charge of their own learning journey with confidence and responsibility.” In today’s time, learning is not just about memorizing books or completing homework. I believe true learning starts when a student takes responsibility for their own studies. This idea is called learner’s autonomy. Learner’s autonomy can be simply defined as the ability of a student to manage their own learning. In other words, it means learning by choice, interest, and self-effort rather than only following instructions. Some people also define it as a process where students become independent thinkers and active learners. According to me, learner’s autonomy means that a student does not depend only on teachers. Instead, they try to understand things on their own, ask questions, and explore new ideas. When students become active in their learning, they start enjoying the process more. For example, if I don’t understand a topic in class, I try to read it again, search for it, or discuss it with my friends. This helps me learn better and builds confidence. Slowly, I feel more independent in my studies. Learner’s autonomy also helps in developing important skills like decision-making, self-discipline, and critical thinking. These skills are not only useful in studies but also in real life. In conclusion, I think every student should try to become an independent learner.



Teachers can guide us, but the real effort should come from us. When we take charge of our own learning, we grow not only as students but also as responsible

SOCIO- CULTURAL IMPACT ON EDUCATIONAL ACCOMPLISHMENTS

Ms. Samriddhi Jha,
B.Ed. 4th Semester,
Dr. Madhu Tandon B.Ed. Faculty
2024-2026.



School isn't just a place where kids sit for a few hours and go home. How students do there ties straight back to everything happening in their lives—their family background, culture, what they value, how much money they have, what language they speak at home, the kind of tech and gadgets around, and what everyone expects from them. All these pieces shape curiosity or frustration, what chances kids get, how they see themselves, and whether they keep trying or just give up. It's no wonder two students sitting side by side can walk away with completely different experiences from the same classroom.

When people talk about a student's "socio-cultural environment," they're really getting at all the social and cultural forces that shape our daily lives and how we think. In school, these things color what knowledge looks like, who feels comfortable talking to teachers, and what goals seem reachable. If students feel supported, you'll notice it—they're curious, confident, willing to try new things. Without that backing, even bright or hard-working kids can feel stuck or discouraged. Success isn't just about smarts or effort. It's also about who's in your corner.

For most kids, everything starts at home. Parents are the first teachers, showing what matters just through everyday moments. When learning's important to a family, you see it—maybe in how people talk over dinner or which things they celebrate. Parents' own education counts, too. Just chatting about school or the future can give kids a boost. But sometimes parents can't get involved, or don't know how, and kids lose that drive or end up slipping between the cracks.

Money changes the game in a big way. Families with enough income usually have extra books, better schools, faster internet, after-school clubs, tutoring—the works. For families just scraping by, it's a struggle. Some kids work outside school or miss out on all sorts of things other kids take for granted.

Language and culture shape every classroom. Not speaking the main language can make everything ten times harder. On the flip side, a mix of cultures can bring classrooms to life, as long as teachers know how to bring everyone in and help them shine.

Friends and community matter more than people realize. The right peer group encourages you, helps you keep going, makes you feel like you belong. But a tough crowd can drag you down fast. When schools link arms with families and the community, students feel safer and more connected. Then there's technology. The right devices and access open up worlds way beyond textbooks. But if you're stuck with no decent Wi-Fi or no computer at home, you just get left out. Way too many kids miss out for that exact reason. Put together, all these social and cultural factors build real walls uneven opportunities, old stereotypes, shaky access to tech, language barriers, and families that want to help but just can't. Fixing things takes effort from everyone: teachers, parents, community leaders the whole team. Real change takes real action. Schools need parents involved. Kids who need extra support should get it whether it's tutoring, scholarships, or just someone cheering them on. Every student should feel like they belong, no matter what. Tech has to be there for everyone. And the school and community can't just sit back—they have to work together. In the end, education just mirrors the world outside. When we push for real fairness, we aren't just helping kids get by—we're raising people who can step up, meet challenges head-on, and actually change things.

Empowering the Modern Student: The Journey Toward Learner Autonomy

Ms. Aisha Faheem,
B.Ed. 4th Semester,
Dr. Madhu Tandon B.Ed. Faculty
2024-26.



In the evolving landscape of 21st-century education, the traditional "chalk and talk" method is rapidly giving way to a more dynamic, student-centered approach. At the heart of this shift lies Learner Autonomy—the ability of a student to take charge of their own learning process. It is not just about studying alone; it is about developing the mindset to set goals, choose resources, and self-reflect on progress.

As we look toward the next academic year, understanding and implementing learner autonomy will be our primary mission. Here is a breakdown of the key pillars that will define this journey.

1. The Spark: Motivation and Learning

Autonomy and motivation are two sides of the same coin. When students are given a choice in how they learn, their intrinsic motivation skyrockets. Instead of learning to pass a test, they learn because they are genuinely curious. Our goal is to move from "I have to learn" to "I want to learn."

2. The Context: Socio-Cultural Impacts

Learning does not happen in a vacuum. A student's background, community, and culture deeply influence their educational accomplishments. By recognizing these diverse perspectives, we can create an inclusive environment where autonomy is encouraged across all social strata, ensuring that every learner feels empowered regardless of their starting point.



3. The Hurdles: Overcoming Challenges and Barriers

The path to independence isn't always smooth. Many students face barriers such as a lack of self-confidence, rigid curriculum structures, or a fear of making mistakes. Transitioning from a dependent learner to an autonomous one requires patience. Teachers must act as "facilitators" rather than "dictators," guiding students through these initial frustrations.

4. The Compass: Assessment and Feedback

In an autonomous setup, assessment isn't just a grade at the end of a semester. It is a continuous process of Feedback for Learning. We are moving toward self-assessment and peer-review systems where students learn to critique their own work. This helps them identify their strengths and weaknesses, turning every mistake into a stepping stone for growth.

5. The Catalyst: ICT Approaches in the Classroom

Information and Communication Technology (ICT) is the ultimate tool for the autonomous learner. With digital libraries, interactive simulations, and AI- driven platforms, the classroom is no longer confined to four walls. ICT allows students to learn at their own pace, explore topics beyond the textbook, and collaborate with peers globally.



Conclusion:

Learner autonomy is more than an educational trend; it is a life skill. By fostering an environment that prioritizes motivation, cultural awareness, and technological integration, we are not just preparing students for exams —we are preparing them for life. Next year, let us commit to giving our students the steering wheel of their own education.

Socio-Cultural Impact on Educational Accomplishments

Ms. Saniya Yusuf,
M.A. 2nd Year,
Damodardas Faculty of Arts
2024-2026.

Introduction

Education is not only shaped by individual intelligence and effort but also by the socio-cultural environment in which a person grows up. Socio-cultural factors include family background, social class, culture, traditions, language, gender roles, and community values. These elements influence students' attitudes toward learning, access to resources, and opportunities for academic success. Therefore, educational accomplishment cannot be understood without examining the social and cultural context that surrounds learners.

Family Background and Parental Support

Family plays a crucial role in shaping a child's educational achievement. Parents who value education often encourage their children to study, provide guidance, and create a supportive learning environment at home. Educated parents are more likely to help children with homework and motivate them to pursue higher education. In contrast, children from families with limited educational awareness may lack academic guidance, which can negatively affect their educational accomplishments.



Socioeconomic Status

Socioeconomic status strongly influences educational opportunities. Students from higher-income families usually have access to better schools, books, technology, and tutoring. They may also participate in extracurricular activities that enhance their skills and knowledge. On the other hand, students from economically disadvantaged backgrounds may face difficulties such as lack of educational resources, financial pressure, or the need to work part-time, which can hinder their academic progress.

Cultural Values and Tradition

Culture shapes beliefs about education, discipline, and success. In many societies, education is considered a pathway to social mobility and respect. Cultural values that emphasize hard work, persistence, and respect for knowledge encourage students to excel academically. However, some cultural traditions may limit educational opportunities, particularly for girls, due to traditional gender expectations or early marriage practices.

Language and Communication

Language is another important socio-cultural factor affecting education. Students who study in a language different from their home language may face difficulties understanding lessons and expressing themselves. Language barriers can reduce confidence and academic performance. In multicultural societies, linguistic diversity sometimes creates challenges in classrooms, but inclusive teaching methods can help overcome these barriers.

Peer Influence and Community Environment

Peers and community environment also shape educational achievement. Friends who value education can motivate students to study and perform well. Conversely, negative peer influence may distract students from academic goals. Communities that promote education through libraries, cultural activities, and educational programs create a positive learning atmosphere that supports students' achievements.

Gender and Social Expectations

Gender roles and expectations can affect educational accomplishments. In some societies, boys and girls are given different educational opportunities. Girls may face restrictions due to cultural norms or household responsibilities, which limits their academic progress. However, increasing awareness and policies promoting gender equality have improved access to education for girls in many parts of the world.



Impact of Social Inequality

Social inequalities based on caste, ethnicity, or class can also influence educational outcomes. Discrimination and limited access to resources may create barriers for marginalized groups. Inclusive educational policies, scholarships, and affirmative action programs aim to reduce these disparities and ensure equal opportunities for all students.

Conclusion

In conclusion, educational accomplishment is deeply connected to socio-cultural factors. Family background, socioeconomic status, cultural beliefs, language, peer influence, and gender roles all play significant roles in shaping a student's academic success. To improve educational outcomes, societies must address social inequalities and create supportive environments that encourage learning for every individual. Education systems should promote inclusivity, cultural sensitivity, and equal opportunities so that all students can achieve their full potential.

तकनीकी सुकून

Ms. Garima Mishra,
B.Ed. 2nd Semester,
Dr. Madhu Tandon B.Ed. Faculty
2025-2027.



आज का दौर तकनीकी टूल्स एवं संचार क्रांति का है। इसे बीटा जेनरेशन की संज्ञा दी जा रही है। आज बचपन से लेकर जी वन का हर पल तकनीक से घिरा हुआ है। एक दौर था जब हम धूल से सने रहते थे। दोस्तों से घिरे रहते थे, हमारे खेलों, खान-पान, रहन-सहन सबमें सहकारिता थी।

आज के तकनीकी एवं कृत्रिम जाल ने जहाँ हमें विश्वमानव बनाया, संचार एवं सूचना को सरल बनाया, वहीं हमारी बाल लीलाओं को छीन लिया। आज हम मोबाइल की एक कृत्रिम दुनिया में रंगे हुए हैं, परिजनों से ज्यादा सोशल मीडिया में बात रखना सहज लगता है। अब वीडियो गेम ही हमारे खाली समय के साथी हैं। एकाकी जीवन शैली मित्रों से दूर कर रही है। आज का सुकून तकनीक है और हम भी मशीन हो रहे हैं। यह तो रही बचपन की दशा, आज के युवा जो संक्रमण की पीढ़ी है जिसने परंपरा एवं आधुनिकता दोनों को जिया है, वह भी तकनीक एवं संचार की दुनिया में खुद की जमीन तलाश रहा है। एक उदाहरण के तौर पर बताऊँ तो हाल के छायाचित्र के चलन को देखिए। एक व्यक्ति पहले खूब क्रीम पाउडर जैसे प्रसाधनों को लगा कर अपना चेहरा चमकाता है, फिर AI की मदद से कैमरे में कई फ़िल्टर लगा कर वास्तविक छवि को मनमुताबिक बनाता है। फिर उसे सोशल मीडिया में डालता है, अक्सर लोग बिना देखे उसमें प्रति क्रिया देते हैं, वह ज्यादा लाइक पाकर तकनीकी सुकून महसूस करते हैं। लेकिन इस सुकून में सोचने का विषय यह है कि जो चेहरा हमें खुद पसंद नहीं है (इतना संवारना) उसके लिए दूसरों से अच्छा कहलवाने का क्या लाभ है?



हम किसी रमणीय स्थल में घूमते समय खुद आनंद लेने के बजाय उसे सोशल मीडिया और कृत्रिम परिवार को दिखा कर सुख पाना चाहते हैं। इस तकनीकी सुकून ने एकाकीपन के साथ बुजुर्गों को भी अकेला कर दिया है। आज डीपफेक एवं ऑनलाइन फ्रॉड बढ़ रहे हैं। निजता का संकट आम है। (NCRB 2023 की रिपोर्ट - साइबर क्राइम 33% वृद्धि)। अतः जरूरत है तकनीक के साथ खुद को समझने, परिवार के साथ समय बिताने, शारीरिक श्रम वाले खेलों के खेलने एवं आभासी सुकून से परे वास्तविक संसार में जीने की! युवाओं की जिम्मेदारी बड़ी है क्योंकि वही इस बीटा युग का मार्गदर्शक है। क्या उनकी परंपराएं उन्हीं तक रहेंगी या वह उनका संवाहक बन आगे भी इसे हस्तांतरित करेगा? तकनीक समय की मांग है लेकिन सिर्फ तकनीक सुकून नहीं दे सकती। सुकून तो सहकारिता, समावेशिता, सहजीवन एवं सर्वकल्याण की भावना में है।

Understanding Learner Autonomy

Ms. Zunaira Hayat,
Bachelor of Science,
First Year (2nd Semester).



Learner autonomy thrives when students possess intrinsic motivation—the internal drive to learn for personal satisfaction rather than external rewards. When learners take ownership of their educational journey, they develop stronger engagement, deeper understanding, and better retention. This self-directed approach transforms passive recipients into active participants who set personal goals, monitor progress, and celebrate achievements. Research shows autonomous learners demonstrate higher persistence and academic success. Cultural background significantly shapes autonomous learning capabilities. Students from collectivist societies may initially struggle with independent decision-making, while those from individualistic cultures might embrace self-direction more readily. Family expectations, peer influences, and societal values determine how comfortable learners feel challenging authority or proposing alternative learning paths. Educational systems must recognize these differences and provide culturally sensitive scaffolding. Several obstacles impede autonomous learning development. Traditional teacher-centered classrooms discourage independent thinking. Limited resources, rigid curricula, and standardized testing create environments prioritizing conformity over creativity. Additionally, students often lack metacognitive skills necessary for self-assessment and strategic planning. Fear of failure and insufficient support systems further restrict learners from taking educational risks.

Effective assessment for autonomous learners shifts from teacher-dominated evaluation to collaborative processes. Self-assessment tools, peer reviews, and learning portfolios enable students to track progress independently. Formative feedback becomes dialogue rather than judgment, encouraging reflection and goal adjustment. Digital badges, competency-based progression, and personalized learning paths replace traditional grading systems, fostering continuous improvement. Information and Communication Technology revolutionizes autonomous learning environments. Online platforms provide unlimited resources, enabling personalized pacing and content selection. Virtual collaboration tools connect learners globally, expanding perspectives beyond classroom walls. Artificial intelligence tutors offer immediate, individualized support. Learning management systems track progress transparently, while multimedia creation tools empower students to demonstrate understanding creatively. These technologies transform classrooms into dynamic, learner-centered ecosystems.

Understanding Learner Autonomy

Ms. Guncha Tabassum,
B.Sc. 3rd Year,
S.S. Khanna Girls' Degree College



Learner autonomy means learning independently and taking responsibility for one's own studies. It helps students become confident, active, and responsible learners. Autonomous learning encourages students to think creatively and solve problems on their own.

Motivation is very important in learning. Interested students can participate actively in class activities and achieve better results. Motivation can come from teachers, parents, friends or personal goals.



A student's family, culture, language, society and economic background affect their education. Supportive environment helps learners perform better, while lack of resources and social barriers can create difficulties.

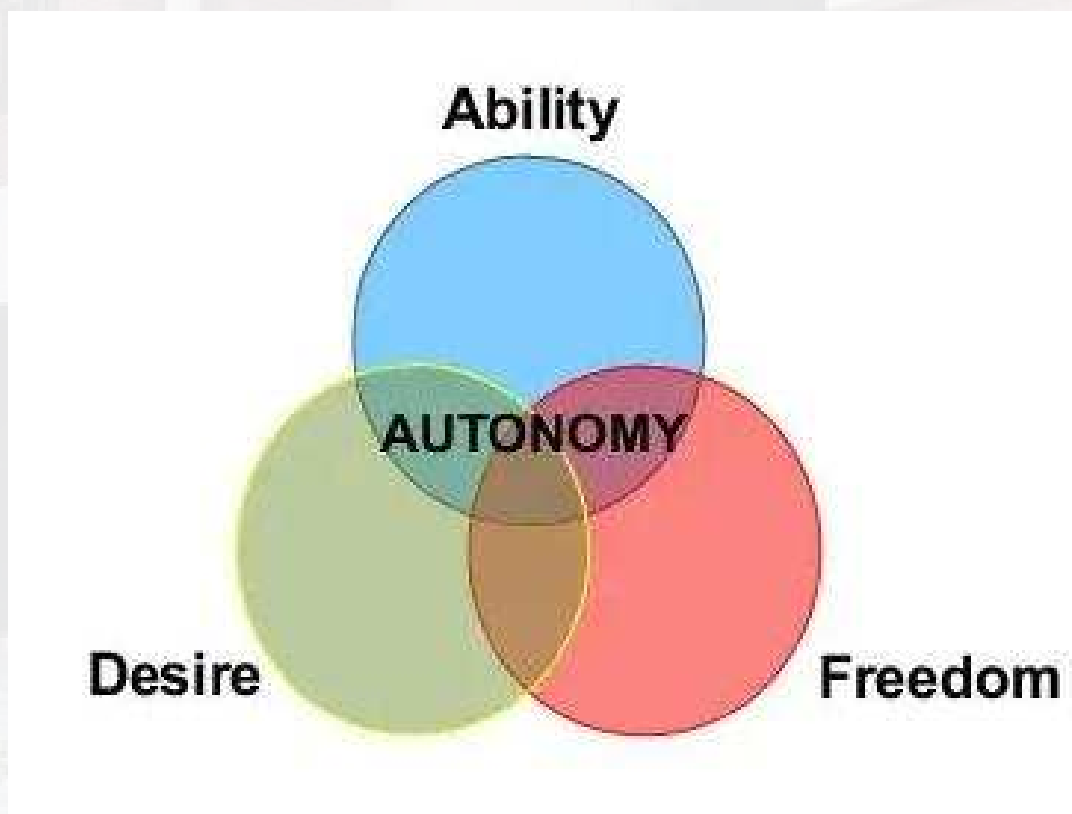
Lack of confidence, fear of failure, over dependence on teachers, limited resources and poor time management are common barriers to autonomous learning. Assessment and feedback help students understand their mistakes and improve. Positive feedback motivates learners and builds their confidence. ICT tools like smart classes, educational apps, online videos and presentations make learning interesting and interactive. Technology helps students learn independently and develop modern skills. Learner autonomy helps students become independent, confident and responsible. Proper motivation, guidance, feedback and use of technology improve autonomous learning and overall success.

शिक्षार्थी स्वायत्तता में बाधाएं एवं चुनौतियां

Ms. Anjali Singh,
B.Ed. 2nd Semester,
Dr. Madhu Tandon B.Ed. Faculty
2025-2027.



शिक्षार्थी स्वायत्तता का अर्थ स्वयं की अधिगम प्रक्रिया को नियंत्रित करने की क्षमता है। "शिक्षार्थी स्वायत्तता" तीन महत्वपूर्ण तत्वों- क्षमता(Ability), इच्छा(Desire) और स्वतंत्रता(Freedom)- के परस्पर मेल से बनती है। जब यह तीनों तत्व एक- दूसरे के साथ जुड़ते हैं तब शिक्षार्थी में निर्णय लेने की क्षमता विकसित होती है जिसे 'स्वायत्तता' कहा जाता है। अर्थात् जब किसी छात्र के पास सीखने की क्षमता हो, सीखने की इच्छा हो और उसे स्वतंत्र रूप से निर्णय लेने का अवसर मिले तब वह अपने सीखने की जिम्मेदारी स्वयं लेने में सक्षम हो जाता है।



यह चित्र दर्शाता है कि शिक्षार्थी के निर्णय लेने की क्षमता उसकी योग्यता, सीखने की इच्छा और स्वतंत्रता के मेल से विकसित होती है। जहां उसे बिना किसी बंधन के अपने विकल्प चुनने की आजादी होती है।

Holec(1981) "स्वायत्तता अपने स्वयं के सीखने का प्रभार लेने की क्षमता है।"



शिक्षार्थी स्वायत्तता में बाधाएं : शिक्षार्थी स्वायत्तता में आने वाले आंतरिक व बाह्य बाधाएं व चुनौतियां निम्नलिखित हैं :

आंतरिक चुनौतियां व बाधाएं

- असफलता का भय
- प्रेरणा का आभाव
- शिक्षार्थी का आलस्य, निर्भरता
- अधिगम प्रक्रिया के संदर्भ में जिम्मेदारी लेने का भय

बाह्य चुनौतियां व बाधाएं

- सूचना और संचार प्रौद्योगिकी (ICT) के उपयोग का आभाव
- गुणवत्तापूर्ण जीवन का आभाव
- सीमित समर्थन और प्रोत्साहन
- संसाधनों पर प्रतिबंध

शिक्षार्थी स्वायत्तता को बढ़ावा देने की रणनीति:

- शिक्षार्थी को स्वयं सीखने के लक्ष्य को स्वयं निर्धारित करने के लिए प्रेरित करना चाहिए।
- सीखने की प्रक्रिया के प्रति जागरूक बनाना।
- सूचना और संचार प्रौद्योगिकी (ICT) का उपयोग
- शिक्षक को एक मार्गदर्शक की भूमिका निभानी चाहिए।

निष्कर्ष : शिक्षार्थी स्वायत्तता शिक्षा का एक महत्वपूर्ण अंग है। जो छात्र को आत्मनिर्भर, जिम्मेदार और विचारशील बनाता है। इसके विकास में कई बाधाएं व चुनौतियां हैं, लेकिन उचित योजना, शिक्षक प्रशिक्षण और आधुनिक शिक्षण विधियों के प्रयोग से इन कमियों को दूर किया जा सकता है।

Learner Autonomy in the Digital Age: Building Independent and Motivated 21st Century Learner

Ms. Tanzeela Anees,
Alumnus, B.Ed.
Email Id: tanzeelaanees67@gmail.com.



In the 21st century, education is no longer limited to memorizing facts or depending completely on teachers. Modern education focuses on helping students become independent thinkers who can solve problems, make decisions, and continue learning throughout life. This concept is called learner autonomy. Learner autonomy means giving students the freedom and confidence to take responsibility for their own learning. Autonomous learners set goals, manage their time, search for information, and evaluate their own progress. Instead of being passive listeners, they become active participants in the learning process.

Motivation and learning:

Motivation helps students learn independently with interest and confidence. It can be intrinsic (personal interest) or extrinsic (marks and rewards). Teachers can motivate learners by encouraging creativity, giving choices and appreciating effort.



Socio-Cultural Impact on Educational Accomplishment:

A student's learning is influenced by family, school environment, culture, society. Supportive parents, positive teachers and friendly classmates help learners become confident and independent. However, strict and teacher-centered environments may reduce creativity and independent thinking. Collaborative learning and discussions help students develop communication skills and autonomy. Technology also allows learners to connect with different cultures and learn beyond the classroom.

Challenges and Barriers to Learner Autonomy:

Some common barriers are:

- Teacher-centered teaching
- Fear of mistakes
- Lack of motivation
- Examination pressure
- Limited resources

These factors can make students dependent on teachers.

Assessment and Feedback for Autonomous Learning:

Assessment should improve learning, not just measure marks. Activities like projects and self assessment encourage independent thinking. Positive or constructive feedback helps students improve and become responsible learners.

**Enhancing Classroom Environment through ICT Approaches:**

Information and Communication Technology (ICT) makes learning more interactive and flexible. Smart classrooms, educational apps, online platforms and multimedia tools help students learn at their own pace. Participating in global webinars and online discussion boards breaks the physical limitations of the classroom, exposing students to diverse perspectives and independent research. ICT also improves communication, teamwork and research skills. However, technology becomes effective only when teachers guide students in using it properly. Learner autonomy is important in modern education because it helps students become confident, responsible and lifelong learners. Motivation, supportive environments, proper assessment and ICT all help in developing independent learners. Teachers should encourage students to think creatively and take responsibility for their own learning.

S. S. KHANNA GIRLS' DEGREE COLLEGE

Where Quality Meets Choice.....

In today's world, education has become one of the most valuable investments for an individual's future, making it crucial to select the right educational institution. With numerous options available across the country and within Prayagraj, students often face challenges in choosing the ideal college for their higher studies. However, this esteemed institution distinguishes itself through its academic excellence, student-oriented approach, and commitment to holistic development.



The college is the only institution in the city that offers education in all five faculties—Arts, Science, Commerce, Law, and Teacher Education, exclusively for girl students. It is also the only constituent college in the city to receive an 'A' Grade by NAAC in the third cycle of accreditation and the only constituent college awarded the prestigious CURIE Grant. The institution further demonstrates academic rigor by organizing nationally recognized competitions such as the Damodarshree National Award for Academic Excellence, encouraging intellectual and creative engagement among students.





The institution has also been selected under the Star College Scheme by the Department of Biotechnology (DBT) strengthening component. It has successfully completed two phases of the UGC's College with Potential for Excellence (CPE) programme and continues to strive toward achieving the status of a College of Excellence. To support academic research and digital learning, the college provides laptops and access to digital libraries and resources for students.



One of the major highlights of the institution is the Saroj Lalji Mehrotra Centre for Legal Studies, which organizes the annual Justice Gopalji Mehrotra National Moot Court Competition. This prestigious competition offers attractive cash prizes, including ₹2,00,000 for the winning team and ₹1,00,000 for the runner-up team, along with several additional awards. Such initiatives provide students with valuable exposure to practical legal training and national-level academic participation.

The college is deeply committed to student welfare and development. It houses an Institutional Innovation Cell to encourage entrepreneurship among students and provides a fully air-conditioned auditorium with a seating capacity of 600. Financial assistance is available for meritorious students, single daughters, and students affected by extraordinary circumstances. The institution maintains UGC-recommended student-teacher ratios, fostering interactive and innovative learning environments.

Facilities for Students

The campus is equipped with modern infrastructure, including numerous classrooms, laboratories, conference halls, moot court facilities, ICT-enabled rooms, health facilities, common areas, and a food court. The Ancient History Department also features a museum, enriching the academic experience of students. Separate libraries for B.Ed. and B.A. LL.B. (Hons.) students, along with a well-equipped central library and digital resources, further strengthen the learning environment.



In addition, the college offers scholarships for financially disadvantaged and meritorious students, smart classrooms across all five faculties, research facilities with computers and Wi-Fi for D.Phil. scholars, and financial support for students participating in international moot court competitions. Partnerships with institutions such as the Allahabad High Court provide valuable internship opportunities. Well-equipped laboratories for Chemistry, Botany, Zoology, and Physics support scientific learning, while various clubs and societies ensure active student engagement and community participation.

With its eco-friendly campus, placement support, advanced infrastructure, academic achievements, and student-centric initiatives, the institution truly stands as a centre of excellence where quality education meets opportunity and choice.

Theme For Next Year

"REDEFINING EDUCATION: HOLISTIC DEVELOPMENT THROUGH NEP 2020"

Sub - Themes

- Multidisciplinary and Flexible Learning
- Early Childhood Care and Education (ECCE)
- Integration of Life Skills and Values
- Experiential and Play-Based Pedagogy
- Formative and Progress-Oriented Assessment
- Vocational Integration and Skill Development
- Inclusive and Equitable Education

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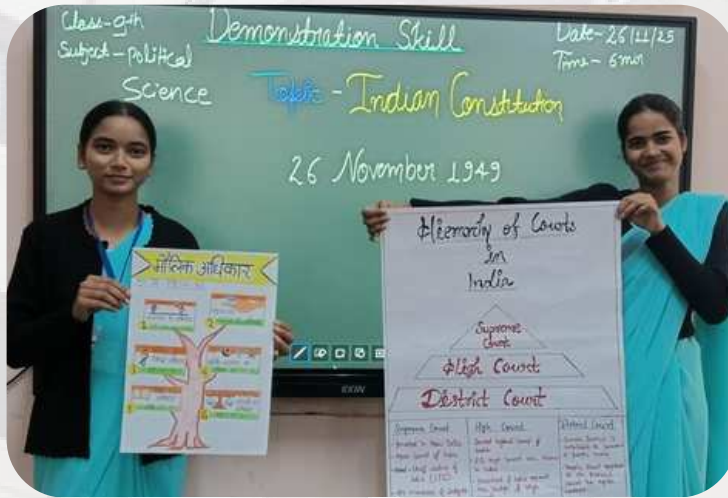


Photo Gallery



GRATITUDE

Putting together an issue of EduSack is never the work of one person. It is a quiet coming together of many hands, many minds, and many generous hearts.

To every contributor who took time from their busy schedules to share their thoughts on learner autonomy, thank you. Your words have given this edition its depth and its soul. Each article, each reflection, each small insight adds a brick to the foundation we are building together.

To the reviewers who read through drafts, the editors who polished paragraphs, and the designers who gave this issue its form, thank you. Your work often goes unseen, but it is felt on every page.

And to you, our reader. You who opened this edition, who read a line that made you pause, who might carry a thought from these pages into your classroom tomorrow. You are the reason EduSack exists. An e-magazine is only alive as long as it is being read, and you keep us breathing.

As the editorial says, our contributors are the charming gardeners who have made EduSack blossom. This issue carries their care, their passion, and their belief in education that truly empowers.