SCHOOL OF EDUCATION

NEWSLETTER
OCT – DEC 2024

VIDYA VIMARSH

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EDITORIAL

Welcome to the third edition of Vidya Vimarsh, the School of Education's quarterly magazine. It is with great excitement that we embark on this intellectual journey, showcasing the dynamic achievements of our vibrant community. This platform is more than just a newsletter. It embodies our shared commitment to driving innovation, maintaining academic excellence, and cultivating a spirit of collaboration. In this issue, we are excited to showcase a diverse collection of stories that capture the very essence of what makes our institution a shining example of excellence. From insightful messages from our leadership to a spotlight on the remarkable achievements of our esteemed faculty, enthusiastic students, and proud alumni, each section has been carefully crafted to highlight the milestones that define our School of Education. These stories not only celebrate academic success but also underscore the supportive and inclusive environment that fosters such accomplishments.

As you turn these pages, you will discover inspiring narratives of student success, cutting-edge research from our faculty, and notable contributions from our alumni. We delve into significant school events, reflect on enriching field experiences, and shed light on partnerships that expand our educational horizons. Our emphasis on career development and community engagement speaks to our holistic approach to education, preparing our students to thrive both academically and professionally.

Vidya Vimarsh is a testament to the passion, dedication, and collaborative spirit that fuel our School of Education. It serves as a celebration of our achievements, a recognition of ongoing endeavours, and a glimpse into the bright future we are collectively shaping. As you explore this edition, we hope you feel the pride and excitement that defines our community, with each story reflecting the excellence that sets our institution apart.

Thank you for being a part of this journey with us. We look forward to continuing to share our progress, celebrate our successes, and explore new horizons together.

Warm regards,

Editorial Team

Prof. (Dr.) Tania Gupta

Dean, School of Education & Director IQAC

Editor-in-Chief, Vidya Vimarsh

Dr. Anshul Saluja, Dr. Kanchan Khatreja

Assistant Professor, SOED

Dr Shikha Dutt Sharma

IQAC Coordinator (Editors)

Prachi Rana and Sulakhani

SOED (Student Editors)

MESSAGE FROM THE LEADERSHIP

Vidya Vimarsh captures the commitment and excellence that motivates us all. Within, you will discover insights into recent events, articles written by our faculty, students, and alumni on pertinent topics, inspirational stories of student success, and updates on our partnerships and community outreach projects. Each section is carefully curated to represent the diversity and vibrancy of our school, providing a holistic perspective of our shared accomplishments.

Dear Students,

I am excited to welcome you to the third edition of Vidya Vimarsh, our quarterly newsletter from the School of Education. This publication not only serves as a collection of updates but also as a vibrant reflection of our dynamic community and its shared achievements. As you delve into its pages, you will find celebrations of the extraordinary milestones that characterize our institution.

In this issue, we emphasize the remarkable efforts that advance our school—from innovative research conducted by our faculty to the significant achievements of our students, along with impactful initiatives driven by our alumni. Vidya Vimarsh captures the commitment and excellence that motivates us all. Within, you will discover insights into recent events, articles written by our faculty, students, and alumni on pertinent topics, inspirational stories of student success, and updates on our partnerships and community outreach projects. Each section is carefully curated to represent the diversity and vibrancy of our school, providing a holistic perspective of our shared accomplishments.

Our dedication to enhancing education and nurturing an atmosphere of mutual support and collaboration is central to everything we undertake. Vidya Vimarsh offers a wonderful platform to highlight our achievements and share our successes with the broader community. I take great pride in the collective efforts of everyone involved with our school and what we have achieved together.

I urge you to explore the narratives in this newsletter, discover stories that motivate you, and actively engage in the vibrant community of our School of Education. Embrace innovative teaching methods, improve your educational skills, and integrate outcome-based education and technology into your instructional approaches. Your involvement and support are vital as we aim to create a lasting impact that resonates across the educational landscape.

Thank you all for your steadfast commitment and dedication. Let us continue to advance together, consolidating our achievements and shaping a bright future for our students and the wider community.

Warm regards,

Prof. Raghuvir Singh

Vice Chancellor

K. R. Mangalam University

MESSAGE FROM DEAN

This newsletter represents our lively community, highlighting achievements, initiatives, and experiential learning that reflect our dedication to excellence in education. In the upcoming months, we will maintain our focus on creating an inclusive learning atmosphere that enables our students to succeed.

I am thrilled to share my thoughts in this third edition of Vidya Vimarsh, a platform dedicated to exploring progressive educational practices and innovative teaching methods. This newsletter represents our lively community, highlighting achievements, initiatives, and experiential learning that reflect our dedication to excellence in education.

In the upcoming months, we will maintain our focus on creating an inclusive learning atmosphere that enables our students to succeed. Our faculty members are committed to innovative teaching and research, and we invite everyone to participate in the various opportunities offered, from workshops to seminars.

I would also like to take a moment to recognize the diligence and dedication of our students and staff. Your enthusiasm for education and steadfast commitment to quality are what make our School of Education a standout institution for learning and growth. Let us continue to inspire one another and broaden the horizons in education. Together, we can create transformative experiences that reach far beyond our campus. I truly hope that our student-teachers will take ownership of this institution and drive it toward further development. May each of them embark on their professional paths as teachers and thrive as lifelong learners.

Prof. (Dr.) Tania Gupta
Dean, School of Education
Editor-in-Chief, Vidya Vimarsh

SCHOOL VISION AND MISSION

School Vision

The School of Education aspires to become an internationally recognized department through excellence in interdisciplinary arena of education, research and innovation, preparing socially responsible life-long learners contributing to nation-building.

School Mission

- Create socially concerned, spiritually oriented and law-abiding teachers with right attitudes and values.

- Establish the students to lead the dynamic school with the integration of theoretical and practical approach of leadership and administrative tasks.

- Make students succeed in a rapid changing society with the understanding of the challenges of the sustainability issues.

- Prepare competent, committed, and creative professionals by engaging them in innovative teaching and empirical research activities.

SPOTLIGHT

How AI is Reshaping the Classroom: From Adaptive Assessments to Virtual Tutors

Dr. Anshul Saluja
Assistant Professor
School of Education &
Assistant Dean- Students Welfare
K. R. Mangalam University

The rapid advancement of artificial intelligence (AI) is fundamentally transforming education, making classrooms more innovative, inclusive, and tailored to the needs of individual learners. By leveraging AI technologies, educators are redefining how lessons are delivered, assessments are conducted, and students are supported. From adaptive learning systems to AI-driven virtual tutors, the impact of AI in education is profound and far-reaching. This article delves into how AI is reshaping classrooms, exploring its benefits, challenges, and potential future applications.

The Need for AI in Education

Traditional education models, characterized by one-size-fits-all instruction and standardized assessments, have long struggled to address the diverse needs of students. As classrooms become more diverse and the pace of technological change accelerates, the demand for personalized, flexible, and efficient learning solutions has grown. Enter AI, with its ability to analyze vast amounts of data, predict student needs, and provide tailored educational experiences.

AI tools can bridge gaps in education by:

- Personalizing learning paths for individual students.

- Providing instant feedback to learners and educators.

- Automating administrative tasks, freeing up time for teachers.

- Enhancing access to quality education, especially in underserved areas.

Adaptive Learning: Customizing the Educational Experience

One of AI's most transformative applications in the classroom is adaptive learning. Adaptive learning platforms use AI algorithms to analyze students' progress, learning styles, and knowledge gaps. Based on this data, they adjust the content, pace, and difficulty of lessons to suit each learner's needs. For instance, platforms like DreamBox, Knewton, and Carnegie Learning dynamically modify lessons in real-time. If a student struggles with a math concept, the system identifies the difficulty and offers additional explanations, practice problems, or even shifts to foundational concepts before progressing further.

Benefits of Adaptive Learning

Adaptive learning offers numerous benefits that significantly enhance the educational experience. By providing personalized instruction, it ensures that students receive targeted support tailored to their individual needs, which improves understanding and retention of concepts. This approach also promotes efficient learning, as learners can focus on areas where they need improvement, eliminating the need to go over material they have already mastered. Furthermore, the tailored nature of adaptive learning fosters higher engagement, leading to improved academic performance and better overall outcomes. Together, these advantages make adaptive learning a powerful tool for modern education.

AI-Powered Virtual Tutors

Virtual tutors are another significant innovation driven by AI. These tutors provide one-on-one assistance to

students, addressing their questions and guiding them through challenging topics. Unlike human tutors, AI virtual tutors are available 24/7 and can cater to multiple students simultaneously.

Prominent examples include:

- Socratic by Google: This AI-powered app helps students solve problems by analyzing their queries and providing step-by-step solutions.
- Mika: Developed by Pearson, this virtual tutor focuses on higher education, helping students grasp complex concepts in mathematics.
- Chatbots in Education: Institutions are increasingly adopting chatbots to assist students with homework, provide reminders, and answer common queries.

How Virtual Tutors Enhance Learning

Virtual tutors are revolutionizing the way students learn by offering unparalleled accessibility, scalability, and data-driven insights. With virtual tutors, students can seek help anytime, breaking down geographical and temporal barriers that traditionally limit access to quality education. These AI-powered tools are highly scalable, capable of supporting millions of learners simultaneously, which ensures that personalized assistance is not restricted to a select few. Moreover, virtual tutors collect valuable data on student interactions, providing educators with actionable insights to identify and address learning gaps effectively. This combination of continuous availability, extensive reach, and analytical capabilities makes virtual tutors a transformative force in education, empowering both students and teachers.

Transforming Assessments with AI

Assessments play a critical role in education, yet traditional testing methods often fail to capture the nuances of a student's abilities. AI is revolutionizing assessments by making them more adaptive, continuous, and insightful.

Adaptive Assessments: AI-powered assessments adjust the difficulty of questions based on a student's responses. This ensures a more accurate measurement of their understanding and abilities. For example, the GRE and GMAT exams use adaptive testing to evaluate candidates effectively.

Automated Grading: AI tools like Gradescope and Turnitin streamline the grading process by evaluating essays, assignments, and even code. This saves time for teachers and provides consistent, unbiased evaluations.

Predictive Analytics: AI systems analyze performance data to predict student outcomes and identify at-risk learners. This allows educators to intervene early and offer targeted support.

AI in Content Creation and Curation

AI is also transforming how educational content is created and delivered. With tools like Content Technologies Inc. and ScribeSense, educators can generate customized learning materials and assessments based on curriculum requirements and student needs.

Key Applications:

1. Smart Content: AI can create interactive digital textbooks, summaries, and quizzes tailored to individual learners.
2. Multimodal Learning: AI tools support various learning styles by incorporating videos, simulations, and gamified elements into lessons.
3. Language Translation: Platforms like Duolingo and Google Translate break language barriers, enabling access to global educational resources.

Enhancing Inclusivity with AI

AI has the potential to make education more inclusive by catering to the needs of students with disabilities. For instance:

- Speech Recognition and Text-to-Speech Tools: Applications like Google's Read & Write assist students with dyslexia and visual impairments.
- Real-Time Subtitles: AI tools like Ava provide real-time transcription for hearing-impaired learners.
- Assistive Learning Devices: Tools like Eye Gaze and Tobii Dynavox empower students with mobility challenges to interact with educational content.

By breaking down barriers, AI ensures that every student has an equal opportunity to learn and succeed.

Challenges and Ethical Considerations

While AI offers immense potential, its integration into education is not without challenges:

1. Data Privacy and Security: Collecting and analyzing student data raises concerns about confidentiality and misuse.
2. Bias in AI Systems: AI algorithms can inadvertently reinforce biases present in the data they are trained on.
3. Digital Divide: Not all students have access to the devices and internet connectivity required for AI-powered tools.
4. Teacher Training: Educators need adequate training to effectively use AI technologies.
5. Over-Reliance on Technology: Excessive dependence on AI could diminish the human aspect of teaching and learning.

The Future of AI in Classrooms

The future of AI in education looks promising, with advancements poised to make learning even more personalized, engaging, and efficient. Emerging trends include:

1. Immersive Learning Experiences: Combining AI with AR/VR to create interactive simulations and virtual field trips.
2. Emotion AI: Tools that analyze facial expressions and voice

tones to gauge student engagement and emotions.

3. Blockchain in Education: Enhancing the security and transparency of student records and certifications.

4. Global Collaborative Classrooms: AI-powered platforms connecting students and educators across the globe for shared learning experiences.

Conclusion

AI is undeniably reshaping the classroom, offering innovative solutions to age-old challenges in education.

From adaptive learning platforms and virtual tutors to automated assessments and inclusive tools, AI has the potential to revolutionize how students learn and how educators teach.

However, to fully harness its benefits, stakeholders must address challenges related to accessibility, ethics, and teacher preparedness. As technology continues to evolve, AI will play an increasingly central role in creating classrooms that are not only smarter but also more inclusive, equitable, and impactful.

ALUMNI SPEAKS

Gen Z: Shaping the Future of Education with Innovation, Inclusion, and Impact

Gen Z students are now entering higher education. They are the first true digital natives. They were born approximately between 1997 and 2012 and their impact on the academic landscape is changing rapidly. Due to the way this generation is challenging methods of teaching, job preparation methods, and campus culture, universities will have to change or innovate their methods.

Generation Z has spent its whole life surrounded by technology; almost every aspect of their daily life is supported by any technology, platform, or device. Kids are naturally comfortable in digital environments, from cell phones, social media, shopping, and entertainment which you can easily imagine. Consequently, students expect their education to correspond with the digital reality. The present generation prefers online learning, which includes the use of e-books, applications, and classes that are more flexible. Young people today are quick to seek information and adapt technology as part of their learning experience. According to the latest 2021 Pew Report, technology is not just a tool for Gen Zs. It influences how they study, communicate, and engage with the world. Thus, they have demanded institutions to incorporate digital technologies in the classroom and campus experience to enable students to learn, engage, and create in a manner that reflects their high-tech lifestyle. Gen Z is a generation that is very flexible and adaptable. This generation desires an atmosphere that suits their unique needs and lifestyle and allows them to grow and evolve. Stiff, old-fashioned jobs and schools aren't helping them get anything in life. Learning Systems Are Preferred

They prefer systems that encourage personal training experiences. In the same way, allowing people to play with different subjects, choosing their learning routes, and finding a balance between their interests and schoolwork. These people desire flexibility because it indicates independence and creativity in which they believe and are also capable of veering away from the old path when new possibilities

Ms. Sonia Chauhan
B.Ed. (Alumni 2024)

or challenges arise. Many students of Gen Z prefer hybrid learning or fully online learning owing to the accessibility and flexibility that platforms offer. Students find it especially appealing to have high interactivity resources such as game-based learning apps, virtual simulation, and AI tutoring.

Generation Z views higher education as a venue for self-improvement, a means to help change the world, and a means of picking up practical skills in real life instead of just arranging a job. They look for opportunities that enable them to develop as human beings, improve their critical thinking skills, and deal with real-life issues because they believe in learning beyond the textbooks. Universities are offering degrees that focus on social justice and sustainability due to Gen Z's desire to make the world a better place. Students adopt this lifestyle like the liberty of choice. They also think that education should be a means to something greater. For Gen Z, getting ready for their careers is important but how they do it is not like how previous generations did it. Students from earlier generations may have made it their life goal to earn a degree and get a regular job after graduating. However, Gen Z does it differently. They prefer practical skills over theory knowledge. Many of you who are Gen Z students

take internships, side hustles, and freelance work in your school time to build practical skills. The digital platforms are inspiring them to take a non-traditional route that is mainly entrepreneurship and not working online. Moreover, Gen Z sees career development as a continual process, arriving as a learning adaptive to changing contexts, often through online courses, certifications, and self-learning projects. With this flexible and proactive approach, they can navigate the ever-changing job market.

Generation Z is changing the stigma around mental health by openly discussing how important it is like no other generation. Universities can help students perform better if the focus is on better mental health to improve student life. More students are now looking for universities that offer enough mental health facilities that include counselling, stress management, a welcoming campus, and more. Universities that focus on well-being and quality of life are as important as academic offerings for Gen-Z students.

The cost of higher education is another worrying factor for Generation Z, especially the fear of piling up student debt. Kids who had to grow up in a bad economy would see how debt would affect their financial status later as well as their jobs. As a result, they wonder whether there is a worth to four-year degrees from colleges. Also, they are thinking of options like community college, technical training, online certificates, and apprenticeships. This generation wants fair prices, better aid packages, and help to manage educational expenses. Therefore, institutions are reevaluating their pricing strategies and offering more affordable options to students.

Gen Z is the most diverse generation in history with a wide range of origins, races, and identities. This diversity shapes their hopes and principles, primarily regarding education. Colleges are also expected to promote an environment in which all college students feel valued and encouraged,

in addition to diversity itself. Generation Z sees diversity in more than just colour and ethnicity. Financial position, gender, sexual orientation, and culture are also included. In every sphere of campus life, they call for the regulation and initiative that leads to diversity. They demand courses with diverse contents. Today's educational institutions must offer an inclusive environment where students learn and grow. This generation also prefers institutions that respect diversity, equity, and inclusion (DEI) values.

There is a debate over Gen Z's influence on higher education. Universities are rapidly changing in response to learners' demands for inclusion, flexibility, mental health support, and digital integration. Institutions must evolve to meet the demands of this dynamic and progressive generation that seeks change.

Higher education is no longer confined to getting a degree only; it also fosters innovation, addresses social problems, and arms individuals with strong tools to build a better tomorrow. Gen Z is changing what education looks like. As a result, this will help in building a more meaningful, diverse, and connected experience for generations.

Conclusion

In conclusion, Generation Z is redefining higher education with its demand for innovation, inclusion, and flexibility. Their digital-first mindset, focus on practical skills, and desire for personal growth are compelling institutions to evolve rapidly. By embracing hybrid learning, offering diverse and inclusive environments, addressing mental health, and reevaluating affordability, universities can create a more meaningful and adaptable education system. Gen Z's emphasis on social impact, real-world skills, and mental well-being signifies a shift toward education that not only prepares students for careers but also equips them to create a better, more connected world for future generations.
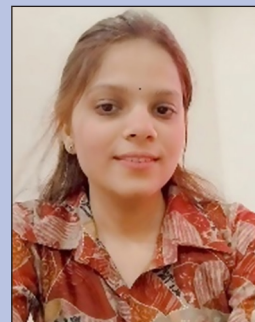
INSIGHTS BY STUDENTS

The Rise of Short Attention Spans and the Role of Education

AI in Education: Transforming the Learning Experience

Artificial Intelligence (AI) is revolutionizing education, bringing transformative changes to how students learn and teachers instruct. With its ability to address long-standing challenges and personalize learning experiences, AI is no longer a mere technological trend in education but a necessity in today's digital age. The integration of AI is bridging the gap between traditional methods and modern innovations, fostering an educational ecosystem that is inclusive, efficient, and student-focused.

A New Era of Learning

The journey of AI in education has progressed significantly over the years. From the initial use of computer-based

Ms. Megha Jain

Student-Teacher (B.El.Ed. Sem V)

tools to today's advanced AI-driven platforms, the focus has always been on enhancing the quality of education. Tools like intelligent tutoring systems and virtual assistants now offer personalized support, enabling students to learn at their own pace. Platforms such as Khan Academy and Coursera utilize AI algorithms to analyze students' strengths and weaknesses, delivering content tailored to their needs. This adaptive approach not only boosts engagement but also improves learning outcomes, making education a more meaningful experience for every learner.

AI is also reshaping the roles of educators. By automating routine administrative tasks such as grading and record-keeping, teachers can dedicate more time to guiding and mentoring their students. AI-powered virtual assistants, like Carnegie Learning and IBM Watson, further enhance this dynamic by providing round-the-clock support, ensuring that help is available whenever students need it. This human-AI collaboration is creating a balanced environment where technology complements, rather than replaces, human effort.

Bridging Barriers with Technology

One of the most impactful contributions of AI in education is its ability to break barriers. Language, geography, and accessibility constraints are being addressed through tools like Google Translate and AI-powered virtual reality experiences. Students can explore ancient ruins, perform virtual dissections, or collaborate with peers across the globe without leaving their classrooms. Furthermore, AI is a game-changer for students with disabilities. Sign language interpreters, Braille translators, and speech-to-text applications are ensuring that education is accessible to everyone, regardless of their physical or cognitive abilities.

The National Education Policy (NEP) 2020 in India highlights the critical role of technology, including AI, in transforming education. With initiatives like DIKSHA and the inclusion of AI in the CBSE curriculum, the country is making strides toward bridging the urban-rural divide. AI's capacity to provide access to quality learning resources in remote areas aligns with the vision of Viksit Bharat, empowering students to excel in a competitive global economy.

Challenges and the Road Ahead

While the benefits of AI in education are undeniable, its implementation does come with challenges. Privacy concerns, data security, and the potential for algorithmic biases are pressing issues that require immediate attention. Additionally, the digital divide persists, with many underprivileged regions lacking access to AI-driven tools. The ethical implications of AI must also be carefully considered to ensure that technology supports equity and inclusivity rather than creating further disparities.

Looking ahead, the future of AI in education holds immense promise. It can transform classrooms into spaces of holistic development, supporting emotional and mental well-being through virtual counseling tools. Curricula designed by AI could cater to individual learning preferences and career aspirations, paving the way for lifelong learning. However, even as AI continues to evolve, the human touch remains irreplaceable. Teachers will always play a vital role in fostering critical thinking, creativity, and empathy in their students.

Conclusion

AI is not just a tool but a transformative force shaping the future of education. Its potential to personalize learning, break barriers, and democratize education can redefine how knowledge is imparted and absorbed. However, the integration of AI must be guided by ethical considerations and a balanced approach that values human connection. By leveraging AI responsibly, we can create a future where technology and human brilliance work hand in hand to empower learners and educators alike.

CHRONICLES: SCHOOL EVENTS

Work Life Balance and Well Being

The School of Education (SOED), K.R. Mangalam University, Gurugram organized an alumni talk on "Work Life Balance and Well Being" for students of SOED on 16th October 2024 from 11:00 AM onwards. The session was led by Dr. Amita Bhati, Asst. Professor, Sanskaram University, Jhajjar, Haryana. School of Liberal Education, who provided an insightful lecture on the significance of Work-Life Balance for students. She shared practical strategies for time management and stress reduction, encouraging attendees to prioritize self-care. She highlighted the significance of flexibility and adaptability in maintaining a healthy work-life balance. She also spoke about the value of seeking support from peers and mentors. Lastly, she underscored the long-term benefits of work-life harmony for both career success and personal well-being. The event was meticulously coordinated by Dr. Shikha and Ms. Shalvi Kumari, Assistant Professors, School of Education, who ensured the seamless execution of the programme. The session was further supported by the efforts of the student coordinators, Sulakhani and Chetna, fifth-semester B.El.Ed. students, who skillfully moderated the proceedings. Dr. PC Jena School Coordinator also played a crucial role in assisting with the functioning of the session.

The programme concluded with a vote of thanks delivered by Chetna. She expressed her gratitude to Dr. Amita Bhati for her enlightening session, the faculty and student coordinators for their dedicated efforts, and all the participants for their active engagement.

Group photograph of faculty and students with experts.

Expert Speaker Ms. Amita Bhati addressing students on Work-Life Balance.

Prof. P. C. Jena felicitating the expert speaker Ms. Amita Bhati.

Workshop on- Pitching & Communication Skills for Entrepreneurs in collaboration with KEIC

School of Education organised a workshop on Pitching & Communication Skills for Entrepreneurs in collaboration with KEIC on 9th December 2024. Dr. Sonam Bansal, Associate Professor, Department of Education, Gurugram University was the resource person for the event. The Session begin with welcome note by Prof. P.C Jena, School Coordinator. The session included brainstorming activities followed by a discussion on need of pitching and communication skills, characteristics of successful entrepreneurs, discussed case study on successful Startup Pitch, Startup India: promoting Innovation and entrepreneurship and govt. Initiatives etc. The event was successfully conducted by Dr. Kanchan Khatreja, Assistant Professor SOED. Prof. Tania Gupta, Dean SOED presented a memento to the resource person. All faculty members and students interacted throughout the session. Ms. Shalvi Kumari presented Vote of Thanks. It was a really enriching session.

Guest speaker Dr. Sonam Bansal, Associate Professor, Department of Education, Gurugram University Interacting with Participants.

Participants and faculty members along with guest speaker Dr. Sonam Bansal

Field Project on "Exploring Biodiversity Conservation Strategies at Yamuna Biodiversity Park: A Study on Ecological Sustainability and Community Engagement"

A group of enthusiastic students from the School of Education embarked on an enriching field trip to the Aravalli Biodiversity Park, Vasant Vihar, New Delhi on 29th November 2024. This visit was part of their field project titled "Exploring Biodiversity Conservation Strategies at Aravalli Biodiversity Park: A Study on Ecological Sustainability and Community Engagement," conducted under the esteemed guidance of Prof. Tania Gupta, Dean of the School of Education, along with Prof. P. C. Jena and Dr. Anshul Saluja.

During the visit, the students delved into the fascinating world of ecological conservation, learning about the rehabilitation efforts for various plant species sourced from diverse regions of India. The exploration included a visit to the Orchid Garden and Butterfly Garden, where the species are carefully nurtured using a range of innovative conservation techniques. Students also had the unique opportunity to observe a variety of wildlife, including the majestic blue bull, peacocks, the elusive seven sister birds, and even the occasional snake, enhancing their understanding of the local fauna.

The visit offered invaluable insights into the conservation strategies employed at the park, including the critical role of community engagement in promoting ecological sustainability. Students learned about the park's ongoing awareness programs, plantation drives, and the vital contributions made by NGOs in preserving biodiversity. The park's knowledgeable officials played an instrumental role in guiding the students through the conservation processes, ensuring they gained a comprehensive understanding of how both flora and fauna are meticulously preserved within the park. This experience provided students with a deeper appreciation for the intricate balance of nature and the importance of sustainable conservation practices.

Student-teachers and faculty at the venue of the visit

Biodiversity Park Officials explaining about the various species of plants to the Student-teachers.

Biodiversity Park Officials explaining about the various species of plants to the Student-teachers.

Biodiversity Park Officials explaining about the various species of plants to the Student-teachers.

A group photograph of Student-teachers with key officials of park.

ACHIEVING MILESTONES: FACULTY ENDEAVOUR

Faculty Name	Achievements
Dr. Kanchan Khatreja **Assistant Professor** **School of Education**	• Presented Paper on Role of Artificial Intelligence in Research in International Conference" at an Manav Rachna International Institute of Research and Studies, Faridabad India held on 24-25 October 2024. • Participated in the 11th Seven Day Faculty Development Programme "Viksit Bharat and the Future of Indian Education" organised by IQAC Cell of GRDCE from 05th to 12th November 2024. • Participated in One day International Multidisciplinary Conference on Energy and Sustainability: Tackling the Global Climate Challenge on November 30, 2024 jointly organized by K.R. Mangalam University and International Council for Education, Research and Training ICERT
Dr. Anshul Saluja **Assistant Professor** **School of Education**	• Published a paper: Jena, P. C., & Saluja, A. (2024). A Study of Self-Actualization among Primary School Teachers. *Journal of Teacher Education and Research,* 19(01), 6-8. ISSN: 0974-8210. (Nov 2024) • **Attended a UGC sponsored Faculty Development Program on "Soft Skills Among Teachers in Higher Education" organized by UGC-MMTTC, Savitribai Phule Pune University, Pune from 18-24 December 2024**

ENRICHMENT ACTIVITIES: SCHOOL EXPOSURE AND ENGAGEMENT

(2nd-6th December 2024)

Students of B.El.Ed. Semester 5 and Semester 3 participated in a School Exposure and Engagement Program from 2nd to 6th December 2024 at Lotus Petal Sr. Secondary School, Dhunela, and GGMS Alipur, Sohna, Gurugram. This program provided them with a comprehensive real-world teaching experience, allowing them to apply their theoretical knowledge in actual classroom settings.

During their time at the schools, students actively engaged in academic enrichment activities, where they assisted teachers in lesson planning, conducted interactive learning sessions, and facilitated classroom discussions. Through classroom observations, they gained insights into child behavior, learning styles, and classroom management techniques, helping them develop a deeper understanding of pedagogical approaches.

A key highlight of the program was service learning, where students took part in initiatives that contributed to the school community, such as assisting in remedial teaching, organizing co-curricular activities, and supporting students with learning difficulties. They also conducted storytelling sessions, using creative techniques to captivate young learners and foster their love for literature. Exploring children's literature, they selected age-appropriate books and integrated them into classroom activities, enhancing language development and imagination among students. This hands-on experience not only enriched their teaching skills and professional competencies but also strengthened their ability to connect with children, understand their needs, and create engaging learning environments. The School Exposure and Engagement Program was a transformative journey that prepared them for their future roles as reflective and effective educators.

Glimpses

Student-teachers engaging the students of government schools in teaching-learning

Student-teachers engaging the students of government schools in activities.

Student-teachers engaging the students of government schools in teaching-learning.

Student-teachers engaging the students of government schools in activities.

SCHOOL INTERNSHIP 2024-25

The 16-week school internship program for B.Ed. III semester and B.El.Ed. VII semester students, involving thirty student-teachers which provided an immersive experience, concluded on December 20th. It began with a week-long pre-internship orientation, covering essential topics such as lesson planning, unit tests, and Continuous Comprehensive Evaluation (CCE). Student-teachers interned at renowned schools like Army Public School, Delhi Cantt., and Lancers International School, Gurugram,

Alongside classroom teaching, they organized and participated in extracurricular activities, fostering their understanding of school dynamics. They also maintained records and engaged with stakeholders such as parents and the School Development and Monitoring Committee (SDMC), enhancing communication and administrative skills. Reflective journals and case studies facilitated their professional growth, making this internship a holistic and enriching experience.

Testimonials of Students

I have done my internship at GD Goenka High School. As an intern at GD Goenka High School, I embraced multiple responsibilities that enriched my experience. I conducted interactive lessons, mentored students during group projects, managed classroom activities, and assisted in organizing events like the Annual Science Fair. A highlight was

leading a STEM-based challenge where students built their own models, showcasing their innovation and teamwork. On my last day, 20th December, the students surprised me with handmade cards and a heartfelt farewell, which made me emotional yet grateful. This internship was a beautiful blend of learning, laughter, and unforgettable bonds.

Testimonials of Students

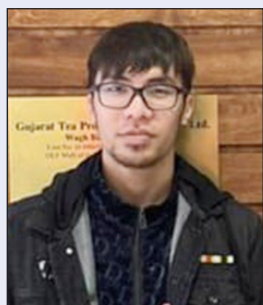**Jeetika**
(B.Ed. Batch 2023-25)

I have done my internship at GD Goenka High School. As an intern at GD Goenka High School, I embraced multiple responsibilities that enriched my experience. I conducted interactive lessons, mentored students during group projects, managed classroom activities, and assisted in organizing events like the Annual Science Fair. A highlight was leading a STEM-based challenge where students built their own models, showcasing their innovation and teamwork. On my last day, 20th December, the students surprised me with handmade cards and a heartfelt farewell, which made me emotional yet grateful. This internship was a beautiful blend of learning, laughter, and unforgettable bonds.

Vani Mehra
(B.El.Ed. Batch 2021-25)

During my internship at Sohan Rai Public School, I had the opportunity to assist in teaching primary students, where I gained practical teaching skills and learned how to manage a classroom effectively. My responsibilities included preparing lesson plans, conducting activities, and helping students with their assignments. The best experience was engaging with the students during group activities and seeing their curiosity grow. I also enjoyed working with the teachers, learning different teaching methods. On my last day, I felt both proud of my growth and sad to leave the wonderful students and staff who made my experience so memorable.

Vanlalzahawma Lawitlang
B.Ed. Batch 2023-25

During my internship at K.R Mangalam World School, Gurugram, I had the opportunity to assist in planning engaging classroom activities and supporting the curriculum development process. One of my best experiences was attending 'The Annual Exhibition Day' on 16th November(2024), which brought students from diverse backgrounds together. My responsibilities included assisting teachers, observing both students and teachers, also providing feedback on both performances. I also participated in online teaching classes, which helped me understand modern teaching methodologies. On the last day, I felt a mix of pride and sadness—grateful for the enriching journey and emotional while bidding goodbye to the wonderful teachers and students.

Prachi Rana
B.Ed. Batch 2023-25

My internship at Dwarka International School was an unforgettable journey! The best part was celebrating my first-ever Teacher's Day – I truly felt special as students wished me all day and made me feel appreciated. My main responsibilities included teaching and observing English and Social Science classes, decorating bulletin boards, and helping organize co-curricular activities like debates and competitions. I actively participated in organizing the Annual Function and even helped with the Dussehra play, where managing excited kids in costumes was a challenge but also a lot of fun. I didn't even realise where these 6 months flew by. It felt bittersweet leaving, but this experience made me even more excited to become a teacher!

Aashi
B.El.Ed. Batch 2021-25

During my internship at Central Academy International School, Dwarka, New Delhi, my best experience was engaging with students through interactive learning activities, where I helped them explore new concepts. My responsibilities included assisting teachers with lesson plans, conducting small group sessions, and supporting classroom management. I also participated in organizing school events and activities. On my last day, I felt a mix of gratitude and sadness, reflecting on the valuable experiences gained and the bonds I had formed with both students and faculty.

Anjali Rao
B.Ed. Batch 2023-25

During my internship at Angel Palace International School, Gurugram, I had the opportunity to immerse myself in a dynamic learning environment. My responsibilities included designing interactive lesson plans, aiding in co-curricular activities, and mentoring students in their academic growth. One of the highlights was organising a storytelling session that sparked creativity and enthusiasm among students. There was One Teacher in staff, and she was my schoolteacher as well in my 9th class, she was incredibly happy to see me and felt proud that her students are doing good in life. my last day, the heartfelt farewell by the students, complete with handmade cards and warm wishes, deeply touched me. This internship was a transformative journey that honed my teaching skills and left me with cherished memories.

Khushi Aggarwal
B.Ed. Batch 2023-25

During my internship at K.R. Mangalam World School, South City, Gurugram, I participated in events like Adwitya Bharat (Annual day), KALEIDOSCOPE 2024 - From India to the World: A Cultural Odyssey, and Children's Day. My responsibilities included maintaining discipline backstage, ensuring students were ready for performances, and assisting with various tasks. I organized a food activity, where students shared traditional dishes from their families. I also observed students wearing diverse traditional attire, representing different regions of India. Additionally, I attended online classes and learned how to integrate technology into teaching. The school's focus on practical learning gave me valuable experience. On the last day, I felt both happy and emotional as I said goodbye.

Neha
B.Ed. Batch 2023-25

A Heartwarming Internship at Lotus Petal Foundation Senior Secondary School, Sohna. My first day at the Lotus Petal Foundation was filled with warmth and excitement. As an intern, I took on the responsibility of teaching EVS, General Knowledge, and Computer classes, along with organizing activities for festivals like Dussehra, Diwali, and Christmas. Beyond academics, I joined co-curricular events and shared midday meals with students, building strong connections. The well-organized foundation office showcased the dedication behind its impactful work. My last day was filled with warmth and gratitude. I spent my school time savouring the lively discussions and curious questions from the students. The midday meal, as always, was a cherished moment of camaraderie, and I took the opportunity to thank the children for their enthusiasm and smiles that had brightened my days.This internship gave me invaluable insights into education and the power of compassion. The Lotus Petal Foundation is truly a beacon of hope, and my time there was both enriching and unforgettable.

Yukta
B.Ed. Batch 2023-25

My four-month teaching internship at Army Public School, Delhi provided invaluable insights into classroom management, effective teaching strategies, and engaging students in meaningful learning. As a Biology teacher for Class 9F and a Science teacher for Class 8J, I was entrusted with planning and delivering lessons tailored to the diverse learning needs of students. This experience enhanced my ability to design interactive and comprehensive lesson plans, incorporate technology for online teaching during school closures, and foster an inclusive classroom environment. I was responsible for preparing students for assessments while addressing individual challenges, actively participating in school events such as the Annual Day celebration, and overseeing examination supervision. I also managed the transition between in-person and online teaching in response to challenges like pollution. This internship not only strengthened my teaching methodology but also enriched my ability to balance academic rigor with creative engagement. Being part of a reputed institution like Army Public School taught me the importance of dedication, adaptability, and continuous learning in the teaching profession.

Smriti Rana
B.Ed. Batch 2023-25

My school internship at Mata Shiv Devi Public School, was a wonderful experience where I learned and grew every day. The warm greetings from students each morning and their sweet compliments like, "Ma'am, you're beautiful, Ma'am your teaching is so good or I love your handwriting" always made my day. The most special day was Teacher's Day , when they surprised me with chocolates and small gifts, making me feel truly special. What touched me the most was when some students touched my feet before leaving, showing their respect. Saying goodbye to them was the hardest part, as I had grown so attached to them.

Kashish Sharma
B.El.Ed. Batch 2021-25

During my internship at Ganga Vidya Niketan School, I was engaged as a class teacher of class 6th. It was a wonderful experience for me to work as a class teacher, where I got to interact with the students for more time. As a class teacher, I have had the opportunity to inculcate a positive learning environment, manage the classroom and ensure the academic and personal development of my students. My responsibilities have included lesson planning, delivering engaging lessons, and assessing student progress. I have also worked closely with parents and guardians, providing regular updates on student performance and behaviour. The interaction with my students was my best experience till now. On the last day when I was so overwhelmed with the love and respect given by the students. I realised teaching is the best profession as here you can change and train a huge group of our upcoming youth and create an enriched future.

Sushmita
B.Ed. Batch 2023-25

During my internship at Sri Chaitanya Techno School was filled with warmth and excitement. I was assigned to teach in Grade 1st Mavericks. The entire internship was remarkable experience my first ever Teacher's Day I truly felt very special as students wished me all day and gave me a handmade gifts which made me feel appreciated. My responsibilities included interactive lessons, mentored students in curricular and co- curricular activities and conducting assessments. I actively participated in Annual Function,

Children's Day, Dusshera celebration. I take online classes and learned how to connect teaching with technology. On my last day, I felt a mix of gratitude and nostalgia, having gained valuable insights into the teaching profession that I will carry forward in my career.

SOME GLIMPSES OF INTERNSHIPS

KNOWLEDGE IN PRINT: LATEST PUBLICATIONS

Faculty

Faculty Name	Achievements
Prof. (Dr.) P. C. Jena Professor, School of Education Dr. Anshul Saluja Assistant Professor, School of Education	Published a paper: Jena, P. C., & Saluja, A. (2024). A Study of Self-Actualization among Primary School Teachers. Journal of Teacher Education and Research, 19(01), 6-8. ISSN: 0974-8210. November, 2024

Students

Name of Student	Title of Publication along with name of Journal
Megha Jain & Ritu Rani (B.El.Ed. Batch 2022-26)	Title: AI in Teacher Education Journal: International Journal of Research Publication and Reviews (Peer-reviewed) (December, 2024)
Shalika Kapoor (B.El.Ed. Batch 2022-26)	The Role of Artificial Intelligence (AI) in Enhancing Education Systems Journal: International Journal of All Research Education and Scientific Methods (IJARESM) ISSN: 2455-6211 (December, 2024)
Shamiksha & Sneha (B.El.Ed. Batch 2022-26)	Title: Empowering through Technolgy and Innovation Journal: International Journal of All Research Education & Scientific Methods. (December, 2024)
Shikha Yadav & Sulakhani (B.El.Ed. Batch 2022-26)	Title: The Impact of Global Pedagogical Changes on Teacher Education in the Context of NEP 2020 Journal: International Journal of All Research Education & Scientific Methods (IJARESM) ISSN: 2455-6211 (December, 2024)

IJARESM

ISSN: 2455-6211, New Delhi, India

International Journal of All Research Education & Scientific Methods

An ISO & UGC Certified Peer-Reviewed/ Refereed Journal

UGC Journal No. : 7647

Certificate of Publication

Shalika Kapoor

Student, B. El. Ed SEM V K.R. Mangalam University

TITLE OF PAPER

The Role of Artificial Intelligence (AI) in Enhancing Education Systems

has been published in

IJARESM, Impact Factor: 8.536, Volume 12 Issue 12, December-2024

Certificate Id: IJ-0512241055

Date: 05-12-2024

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Email: editor.ijaresm@gmail.com

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International Journal of Research Publication and Reviews

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This certificate is awarded to "Megha Jain", and certifies the acceptance for publication of research paper entitled "ARTIFICIAL INTELLIGENCE IN TEACHER EDUCATION" in "International Journal of Research Publication and Reviews", Volume 5, Issue 12 .

Signed _____

Editor-in-Chief
International Journal of Research Publication and Reviews

Date __07-12-2024__

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Signed _____

Editor-in-Chief
International Journal of Research Publication and Reviews

Date __07-12-2024__

PAPER PRESENTATIONS

Faculty

Faculty Name	Achievements
Dr. Anshul Saluja Assistant Professor School of Education	Attended a UGC-sponsored Faculty Development Program on "Soft Skills Among Teachers in Higher Education" organized by UGC-MMTTC, Savitribai Phule Pune University, Pune from 18-24 December 2024
Dr. Kanchan Khatreja Assistant Professor School of Education	Presented Paper on Role of Artificial Intelligence in Research in International Conference" at an Manav Rachna International Institute of Research and Studies, Faridabad India held on 24-25 October 2024.

Students

Name of Student with Photos	Title of Paper	Presented at
Shikha Yadav & Sulakhani **(B.El.Ed. Batch 2022-26)**	**The Impact of Global Pedagogical Changes on Teacher Education in the Context of NEP 2020**	**Name of Seminar/Conference:** NEP 2020 and Innovations in Teacher Education: Building the Foundations of 'Viksit Bharat' **Held at:** School of Education, Central University of Kashmir on 11 November 2024
Aarushi Katariya and Chetna Narwal **(B.El.Ed. Batch 2022-26)**	**The Role of Inclusive Learning Environments in Achieving NEP 2020's Vision for a Developed India**	**Name of Seminar/Conference:** NEP 2020 and Innovations in Teacher Education: Building the Foundations of 'Viksit Bharat' **Held at:** School of Education, Central University of Kashmir on 11 November 2024
Shubhangi Taneja (Ph.D. Scholar- 2023 batch)	**Holistic Development A Systematic Review**	**Name of Seminar/Conference:** Two-Day National Seminar on "Malviya's Educational Vision and its Relevance to NEP 2020" **Held at:** Department of Education, School of Education, Central University of Gujarat, Vadodara **Date:** 13-14 November 2024
Shubhangi Taneja (Ph.D. Scholar- 2023 batch)	**Participated**	**Name of Seminar/Conference:** One Day International Multidisciplinary Conference on "Energy and Sustainability: Tracking the Global Climate Challenge" **Held at:** CoE for Sustainable Development Goals, K. R. Mangalam University and ICERT **Date:** 30 November 2024

Name of Student with Photos	Title of Paper	Presented at
Shubhangi Taneja (Ph.D. Scholar- 2023 batch)	Attended Short Term Training Programme on "Excellence in research as a path to quality assurance"	**Held at:** School of Education & Humanities, Manav Rachna University, Faridabad **Date:** 18-24 November, 2024
Lavanya Bist (B.El.Ed. Batch 2022-26)	Building Foundations for a Viksit Bharat: NEP 2020 and Innovation in Teacher Training	**Name of Seminar/Conference:** NEP 2020 and Innovations in Teacher Education: Building the Foundations of 'Viksit Bharat' **Held at:** School of Education, Central University of Kashmir on 11 November 2024

Centre of Excellence for Sustainable Development Goals, K.R. Mangalam University
Gurugram India

International Council for Education, Research and Training
(ICERT), India & USA

Certificate of Participation

This is to certify that

Ms. SHUBHANGI TANEJA

Research Scholar, Department of Education, K.R. Mangalam University, Gurugram

has actively participated at the One Day International Multidisciplinary Conference on "Energy and Sustainability: Tackling the Global Climate Challenge" on November 30, 2024 jointly organized with Centre of Excellence for Sustainable Development Goals, K.R. Mangalam University Gurugram India and International Council for Education, Research and Training (ICERT).

Certificate No:ICERT/301124/446   Date of Issue: 30 November 2024

Dr. Shobhna Jeet
Chairperson,
Centre of Excellence for Sustainable Development Goals,
KR Mangalam University

Prof (Dr.) Aruna Anchal
Director & Head, Research and Publication Division, ICERT
Dean & Head, Dept. of Education, BMU Rohtak

Dr.Rahul Sharma
Registrar,
KR Mangalam University
Gurugram

Dr Sandeep Kumar
Secretary,
International Council for Education Research and Training (ICERT)

CERTIFICATE
OF PARTICIPATION

This certificate is presented to

Shubhangi Taneja , Research Scholar, K.R. Mangalam University

for successfully attending a Short Term Training Program on "Excellence in Research as a Path to Quality Assurance" on 18th - 24th November 2024, conducted by the School of Education & Humanities, Manav Rachna University

Prof. (Dr.) Sangita Banga
Pro-Vice Chancellor, MRU
Dean, School of Education & Humanities, MRU

Prof. (Dr.) Rashee Singh
Head, School of Education & Humanities, MRU

Prof. (Dr.) Deepa Arora
Director, Quality Assurance and Accreditation, MRU

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CENTRAL UNIVERSITY OF GUJARAT
Department of Education, School of Education
Two-Day National Seminar
on
Malaviya's Educational Vision and its Relevance to NEP 2020
Certificate of Presentation

This is to certify that **Ms. Shubhangi Taneja** of **Institutional affiliation– K.R. Mangalam University** has presented a paper titled "**Holistic Development: A Systematic Review**" in the Two-Day National Seminar on "**Malaviya's Educational Vision and its Relevance to NEP 2020**" organised by Department of Education, School of Education, Central University of Gujarat, Kundhela, Vadodara during 13-14 November 2024.

Dr. Jay Prakash Singh
Seminar Convenor
Asst. Prof.

Prof. H.B. Patel
Dean

Prof. J.N. Amin
Seminar Director
HoD

Dr. Sonal Sharma
Seminar Convenor
Asst. Prof.

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