



# Sree Narayana College of Education

(Affiliated to MG University, Approved by NCTE)

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## KEY INDICATOR

### 1.1 CURRICULUM PLANNING

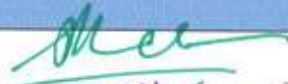
#### METRIC: 1.1.3

While planning institutional curriculum, focus is kept on the Programme Learning Outcomes (PLOs) and Course Learning outcomes (CLOs) for all programmes offered by the institution, which are stated and communicated to teachers and students through

1. Website of the Institution
2. Prospectus
3. Student induction programme
4. Orientation programme for teachers

Report and photographs with caption and date of Teacher orientation programmes



  
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## **Discussion on Programme Learning Outcomes (PLOs) and Course Learning outcomes (CLOs) of Teacher Orientation Programmes for the year 2022-2023**

Programme Learning Outcomes (PLOs) and Course Learning Outcomes (CLOs) are essential in Teacher Orientation Programmes as they provide a clear roadmap for what participants should achieve at both the programme and course levels. PLOs ensure consistency and coherence across the entire programme, aligning all courses and activities towards common educational goals. CLOs break down these goals into specific, measurable skills and knowledge to be acquired in individual courses, facilitating targeted instruction and assessment. Together, PLOs and CLOs enable effective curriculum design and continuous improvement by highlighting areas for enhancement. Ultimately, they ensure that the programme successfully equips teachers with the necessary competencies and knowledge.

The resource persons who led the teacher orientation programmes emphasized the importance of outcome-based learning. They conducted their sessions based on our institution's PLO's and CLO's.

Throughout the teacher orientation programmes of 2022-2023, the teachers were able to achieve several key outcomes. They developed enhanced pedagogical skills, learning to incorporate innovative teaching methods effectively. They gained improved technological proficiency, understanding and integrating new educational technologies into their practices. They also increased their ability to foster collaborative learning environments, encouraging student collaboration and creativity. Additionally, teachers were able to critically assess and apply new educational theories and practices, ensuring their teaching methods remain current and effective. The teachers were also able to effectively apply their learning in the B.Ed & M.Ed classrooms for desirable educational outcomes.

### **A detailed view on the PLO's and CLO's achieved for each programmes conducted in the year 2022 – 2023 are as below :-**

The seminar on "National Education Policy 2020" equipped educators with a comprehensive understanding of the policy's vision, objectives, and implementation strategies aimed at transforming India's educational landscape. Teachers developed the ability to critically analyze the policy's key components, such as curriculum reforms, multidisciplinary approaches, and the integration of technology in education. By the end of the seminar, teachers were prepared to effectively incorporate NEP 2020 principles into their teaching practices, fostering an environment of holistic and inclusive education.

The seminar on "Future Trends in Education" provided teachers with insights into emerging educational trends and their potential impact on teaching and learning practices. Teachers gained knowledge about advancements in technology, personalized learning, and innovative instructional strategies that are shaping the future of education. By the end of the seminar, teachers were equipped to adapt to these trends, ensuring their teaching methods remained relevant and effective in a rapidly evolving educational landscape.



  
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The session on "Blended Learning" equipped teachers with a comprehensive understanding of the principles and practices of integrating traditional and digital learning methods. They developed skills in designing and implementing blended learning environments that enhance student engagement and personalized learning experiences. By the end of the seminar, teachers were prepared to effectively combine face-to-face and online instruction to create dynamic, flexible, and inclusive educational experiences.

The seminar on "Digital Classroom" enabled teachers with the knowledge and skills to effectively integrate digital tools and technologies into their teaching practices. The teachers learned to design and implement interactive and engaging digital learning environments that enhance student participation and learning outcomes. By the end of the seminar, teachers were prepared to create and manage digital classrooms, utilizing various online platforms and resources to foster an inclusive and innovative educational experience.

The "Artificial Intelligence in Education" seminar equipped teachers with a deep understanding of the applications and implications of AI in the educational landscape. Teachers learned to utilize AI tools to personalize learning experiences, automate administrative tasks, and enhance student engagement and performance. By the end of the seminar, teachers were prepared to integrate AI technologies into their teaching practices, fostering innovative and efficient learning environments.

The session on "Ethical Use of Technology" provided teachers with a thorough understanding of the ethical considerations and best practices for integrating technology into educational settings. They explored issues such as digital privacy, equity of access, and responsible online behavior, developing skills to navigate these challenges effectively. By the end of the seminar, teachers were prepared to implement technology in their teaching practices ethically, promoting a safe and inclusive digital learning environment.

The class on "Innovation in Teacher Education" equipped educators with advanced strategies and methodologies to enhance teacher training programs. Teachers explored cutting-edge practices, including experiential learning, technology integration, and collaborative teaching models, to foster innovative and effective teacher education. By the end of the seminar, educators were prepared to implement these innovative approaches in their training programs, significantly improving the quality and impact of teacher education.

The seminar on "Introducing ChatGPT" provided teachers with a comprehensive understanding of ChatGPT's capabilities and potential applications in educational contexts. They learned to leverage ChatGPT for enhancing personalized learning experiences, facilitating student support, and fostering engagement through interactive demonstrations and case studies. Teachers explored ethical considerations surrounding AI integration in education, including privacy concerns and responsible use. By the end of the seminar, teachers were prepared to implement ChatGPT effectively in their teaching practices, leveraging its capabilities to enrich educational outcomes and support student learning.

The seminar on "Familiarizing JAMOVI" equipped educators with a solid understanding of JAMOVI software and its applications in educational research and data analysis. Teachers learned to utilize JAMOVI for statistical analysis, data visualization, and hypothesis testing through practical demonstrations and hands-on exercises. They explored various statistical techniques and



  
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methodologies supported by JAMOVI, enhancing their proficiency in interpreting and presenting research findings. By the end of the seminar, teachers were adept at using JAMOVI to enhance their research capabilities and integrate data-driven insights into educational practices effectively.

The session on "School Education Based on National Curriculum Framework 2020" provided teachers with a comprehensive understanding of the framework's principles and guidelines for curriculum development and implementation. Participants explored innovative pedagogical approaches, assessment strategies, and inclusivity measures recommended by the NCF 2020. Teachers gained skills in aligning teaching practices with the framework's objectives to promote holistic development and personalized learning experiences for students. By the end of the seminar, the teachers were prepared to integrate NCF 2020 principles effectively into their school's educational practices, fostering a dynamic and learner-centric environment.

The class on "Ethical Use of AI in Scholarly Communication" equipped teachers with a thorough understanding of the ethical considerations and best practices when utilizing AI in academic research and communication. Teachers explored the implications of AI algorithms in peer review, plagiarism detection, and data analysis within scholarly contexts. They also learned to critically evaluate AI-generated content and adhere to ethical guidelines to ensure transparency, fairness, and integrity in scholarly communication. By the end of the seminar, teachers were prepared to ethically deploy AI tools to enhance scholarly productivity while upholding academic standards and ethical principles.

The seminar on "Comparative Education - School Education in US & India" provided teachers with a comprehensive understanding of the educational systems, policies, and practices in both countries. They explored the similarities and differences in curriculum frameworks, teaching methodologies, and student assessment methods between the US and India. The teachers gained insights into cultural influences, societal expectations, and historical contexts that shape educational approaches in each country. By the end of the seminar, teachers were equipped with knowledge to critically analyze and apply comparative insights to enrich educational practices in their respective contexts.



  
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## REPORT ON TEACHER ORIENTATION PROGRAMMES 2022-23

### INNOVATIONS IN EDUCATION

- ❖ NEP 2020 – 22nd May 2023
- ❖ Future Trends In Education – 23rd May 2023
- ❖ Blended Learning – 24th May 2023
- ❖ Digital Classroom - 25th May 2023
- ❖ Artificial Intelligence In Education - 26th May 2023
- ❖ Ethical Use Of Technology - 27th May 2023
- ❖ Innovation In Teacher Education - 29th May 2023

Innovations in education are revolutionizing the way students learn and teachers teach. From personalized learning platforms that cater to individual student needs to virtual reality simulations that bring lessons to life, technology is reshaping the educational landscape. Blended learning models, combining traditional classroom instruction with online resources, offer flexibility and accessibility. Additionally, project-based learning approaches foster critical thinking and collaboration skills essential for success in the modern world. As education continues to evolve, these innovations hold the potential to create more engaging, effective, and inclusive learning environments for learners of all ages.

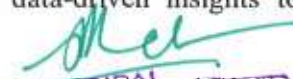
A series of workshops were conducted in the ICT Hall of Sree Narayana College of Education, Muvattupuzha in order to familiarize the teachers with the latest innovations in the field of Education.

It started off with a seminar on NEP 2020 led by Dr. Jisha Joy on 22nd May 2023. The National Education Policy (NEP) 2020 aims to revolutionize India's education system by emphasizing foundational literacy and numeracy, promoting critical thinking and creativity, and integrating vocational education early on. It also emphasizes the use of technology in education, aims for equitable access to quality education across socio-economic backgrounds, and seeks to transform assessment methods to focus on competency-based learning outcomes rather than rote memorization. Dr. Jisha provided a detailed view on the same.

It was followed by a session on “Future trends in Education” which was conducted on 23rd May, 2023 again by Dr. Jisha Joy. She discussed how the education is expected to increasingly embrace personalized and adaptive learning technologies, catering to individual student needs and learning styles. The session also emphasized on how virtual and augmented reality are likely to play pivotal roles in creating immersive learning experiences, transcending traditional classroom boundaries. The shift towards lifelong learning was also discussed, necessitating continuous upskilling and reskilling opportunities for professionals in a rapidly evolving job market. The collaboration across borders which lead to expansion of global online platforms, fostering cultural exchange and diverse perspectives were also discussed during the session.

Dr. Jisha Joy again took the pleasure of sharing the importance of Blended Learning with the teachers in a session conducted on 24th May, 2023. Blended learning combines traditional face-to-face instruction with online learning activities, creating a flexible and personalized educational experience. It typically integrates digital tools, resources, and platforms to enhance engagement and interaction among students and educators. This approach allows for a variety of learning modalities, such as lectures, discussions, and multimedia presentations, to be delivered both in-person and asynchronously online. It also promotes self-paced learning and encourages students to take greater responsibility for their education while providing educators with data-driven insights to tailor



  
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instruction effectively. These points were discussed with the teachers who found this session to be highly informative. Dr. Jisha's sessions concluded on the same day.

On 25th May, 2023, Ms. Suneetha K G kicked off the day with a session on Digital Classrooms & its importance. Digital classrooms leverage technology to enhance teaching and learning experiences by providing access to interactive content, multimedia resources, and collaborative tools. They facilitate real-time communication between teachers and students, regardless of geographical barriers, promoting active engagement and participation. Digital classrooms accommodate diverse learning styles and abilities, offering personalized learning pathways and instant feedback mechanisms to support student progress. They also foster digital literacy and technological fluency, essential skills for success in the modern workforce. Ms. Suneetha covered all these aspects of the same in her session.

On 26th May, 2023, a session on "Artificial Intelligence in Education" was conducted again by Ms. Suneetha K G. Artificial intelligence (AI) is rapidly transforming the field of education, offering a myriad of opportunities to enhance teaching and learning experiences. AI-powered tools analyze student data to provide insights into learning patterns, allowing educators to tailor instructional strategies and interventions effectively. Virtual tutors and chatbots equipped with natural language processing capabilities offer instant support and feedback, supplementing traditional teaching methods. AI also aids in automating administrative tasks, freeing up teachers' time for more interactive and engaging classroom interactions. This session was found to be very useful by the teachers since it aids in enhancing the learning experience provided.

On the very next day (27th May, 2023) a seminar on "Ethical use of technology" was conducted which was also led by Ms. Suneetha K G. The session covered how ethical use of technology in education involves respecting students' privacy and ensuring secure handling of their personal information in compliance with data protection regulations. It also provided an idea about how technology tools are used to enhance learning and support student outcomes. It discussed how educators should strive to mitigate biases in AI algorithms and digital content to promote fair and inclusive educational experiences for all students. Additionally, this intense session also discussed the benefits and drawbacks of using technologies.

On the final day of the workshop, 29th May, 2023, an overview on Innovations in teacher education were provided by Ms. Suneetha K G. Innovations in teacher education include the integration of technology-enhanced learning, such as virtual classrooms and online professional development, which allows teachers to engage with cutting-edge educational tools and techniques. Collaborative learning communities, both online and in-person, provide platforms for teachers to share best practices and support each other's growth. The session also emphasised on personalized learning for teachers through adaptive learning platforms which tailors professional development to individual needs and strengths. The session in overall was very relevant and informative.

All these session were highly appreciated by the teachers as it provided them with apt knowledge in the field of technology & education.



  
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**Dr. Jisha Joy conducting session in relation to “Innovations in Education” 22<sup>nd</sup>  
May to 24<sup>th</sup> May 2023**



**Ms. Suneetha K G conducting seminar in relation to “Innovation in  
Education” 25<sup>th</sup> May to 29<sup>th</sup> May 2023**



  
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## INTRODUCING ChatGPT

A workshop for teaching faculty to familiarise with ChatGPT (Chat Generative Pre-trained Transformer) for teaching is arranged on 4th January 2023. The workshop was led by Ms. Nisha John, Assistant Professor of Social Science Education, SN College of Education, Muvattupuzha. The session began at 10 am. Almost all teaching staff attended the session. She presented the topic in simple way and explained how to use chatGTP and the purposes of it. Teachers got acquainted with the use of ChatGPT for teaching learning process. The hands on experience provided was very helpful for the teachers to familiarise with ChatGPT. Additionally, the orientation addressed ethical considerations and best practices for using AI responsibly in the classroom. Overall, the session aimed to equip teachers with the knowledge and skills to effectively utilize ChatGPT as a valuable educational resource.



**Ms Nisha John familiarising Chat GPT to faculties**

**4<sup>th</sup> January 2023**



*M. N. John*  
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## FAMILIARISING JAMOVI


Sree Narayana College of Education, Muvattupuzha organised a workshop on Familiarising Jamovi for staffs on 06.12.2022 at 10.00 am. Jamovi is an open-source statistical analysis software that aims teachers to make data analysis more accessible to researchers, students, and professionals. The class on Familiarising Jamovi was led by Dr. Jisha Joy, Assistant Professor of General Education, SN College of Education, Muvattupuzha. The seminar was very beneficial for teachers. Discussions were took place there regarding the topic and all the participants participated in the session. The workshop proved to be beneficial to one of all participants.



**Class on Familiarising Jamovi was led by Dr Jisha Joy**

**6<sup>th</sup> December 2022**



  
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**SCHOOL EDUCATION BASED ON NATIONAL CURRICULUM**  
**FRAMEWORK 2020**

A seminar on School Education based on National Curriculum Framework 2020 was organised by Sree Narayana College of Education, Muvattupuzha on 13.09.2022 at 10 am. The session was led by Dr. Sijimol S, Associate Professor in Education, Sree Narayana College of Education, Muvattupuzha. The session was very interesting and throw light into various key aspects involved in School Education based on National Curriculum Framework 2020. The seminar was very informative and useful for each staff. Educators were briefed on the framework's focus on competency-based learning, multidisciplinary approaches, and the integration of 21st-century skills into the curriculum. The session aimed to empower teachers with a deep understanding of the NCF 2020, enabling them to design and deliver enriching learning experiences that meet the diverse needs of students and align with national educational goals.



**Informative Seminar by Dr Sijimol S**

**13<sup>th</sup> September 2022**



  
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## **ETHICAL USE OF AI IN SCHOLARLY COMMUNICATION**

Ethical use of AI in Scholarly Communication was organised in the college on 12.07.2022 at 10 am. The session was handled by Ms. Teena Baby, Assistant Professor of General Education, SN College of Education, Muvattupuzha. She provided information about positive and negative sides of AI in Scholarly Communication. She presented the topic in best possible way. Almost all teaching staffs attended the session. The teachers received clear information about the topic. Positive discussions took place there regarding the topic. The seminar turned out to be fruitful one and a great success.



**Providing information about positive and negative sides of AI in  
Scholarly Communication led by Ms Teena Baby  
12<sup>th</sup> July 2022**



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## COMPARATIVE EDUCATION- SCHOOL EDUCATION IN US & INDIA

The IQAC of Sree Narayana College of education, Muvattupuzha organised a seminar on the topic “Comparative Education- School Education in US & India”. The session was led by Ms Biya Preethan, Faculty, Buckeye School District, Arizona, United States. The class was on 30.06.2022 at 10.00 am. The resource person highlights each aspects of school education in US & India. The sessions were presided by Dr. P J Jacob, the principal of the institution. Dr Usha Parvathy, IQAC Coordinator welcomed the gathering and Mr Anish P Chirackal, College Coordinator rendered vote of thanks. The session enabled the staff to acquire awareness on school education in US & India.



**Seminar on the topic Comparative Education- School Education  
in US & India led by Ms Biya Preethan  
30<sup>th</sup> June 2022**



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