



United Nations
Academic Impact



SUSTAINABLE DEVELOPMENT
SOLUTIONS NETWORK
A GLOBAL INITIATIVE FOR THE UNITED NATIONS



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)



A Report on

A National Level Workshop on Inculcating SDG – 4 (Quality Education) in HEI's in Compliance with NEP 2020

in association with Directorate of Learning and Development SRMIST

Event Date : 8th - 12th July 2024

Venue : MINI HALL - II (Dr. T.P. Ganesan Auditorium)

Conveners :

Prof. G. Augustine Maniraj Pandian

Dean Internal Quality Assurance Cell (IQAC), SRMIST, KTR

Dr. P. Madhusoodhanan

Head, Career Development Centre, SRMIST, KTR

Co - Conveners

Dr. M. Sneha Latha, Career Development Centre, SRMIST, KTR **Mrs.**

T. Vijayashree, Career Development Centre, SRMIST, KTR

Dr. P. Suresh, Career Development Centre, SRMIST, KTR

No. of the Participants: 122 Faculties

DAY 1- 08/07/2024

The Inaugural Meeting started at 10:00 am in Mini Hall II of T P Ganesan Auditorium. The luminaries lighted the lamp. Dr. M. Sneha Latha, Associate Professor, Career Development Centre, SRMIST, welcomed the gathering and encouraged constructive discussions as a shared vision for a bright future. Dr. P. Madhusoodhanan, Head, Career Development Centre, SRMIST introduced the workshop and the importance of SDG 4- Quality Education as the foundation for improving life and the necessity for holistic and multidisciplinary education. The meeting ended with vote of thanks by Dr T Vijayashree, Assistant Professor, Career Development Centre, SRMIST and the National Anthem.

Session 1(FN) – Multidisciplinary Approach to Education

The session's speaker Dr. D.C. Mathangi, Professor and Head, Mind and Body Medicine and Life Style Sciences, SRIHER, Chennai. The speaker started the session with a mind game. The speaker shared the importance of collaboration and multidisciplinary projects, explaining the differences between Multi/Inter/Trans-Disciplinary. The speaker highlighted the importance of activity-driven multidisciplinary education and futuristic curriculum design. The session ended with an activity making the participants form groups and analyse the problems and solutions in the formation of a multidisciplinary course.

Session II (AN)- Cognitive Thinking and Problem-Solving Techniques

The speaker of the session was Dr. D.C. Mathangi, Professor and Head, Mind and Body Medicine and Life Style Sciences, SRIHER, Chennai. The session discussed the importance of Cognitive Thinking as the speaker pointed out the interconnectedness of the cognitive triangle. The speaker also emphasized the importance of unlearning and relearning through real-life examples. The necessity of scaffold learning was also discussed in the active learning session. The speaker concluded the session by highlighting the vital role of holistic education in shaping the future of the nation.

DAY 2 – 09/07/2024

Session I (FN) -Integration of Skills in HEI- Life-Long Learning

The speaker of the session was Dr. P. Mallika, Professor of CSE, Head, Department of Educational Media and Technology, National Institute of Technical Teachers Training and Research (NITTTR), Chennai. The session introduced the necessity of integrating skills for holistic education through Content Knowledge (CK) and Pedagogical Knowledge (PK). The necessity of integration of employability skills in higher education was discussed through

different activities. NEP 2020's measures to promote skill-based education in high schools were discussed. Focus on skill-based learning by identifying the essential skills, curriculum alignment, project-based learning, experiential learning, and continuous skill assessment were highlighted. Skill Based Education under the National Skill Qualification Framework (NSQF) Higher Education Initiatives for Skill Development in India and Work- Integrated Skill-Based Higher Education (WISE) were introduced to the participants.

Session II (AN)- Advantages of Collaborating with Foreign Universities

The speaker of the session was Dr. Prashant R Nair, Head and Vice-Chairman, Internal Quality Assurance Cell (IQAC), Amrita Vishwa Vidyapeetham, Coimbatore. The speaker highlighted the importance of equity, access and quality in education. NEP 2020's force multiplier effect of collaboration, the need for multidimensional practices, and the importance of documentation and data management were discussed. Multi-faceted education, opportunities for faculty and students, cutting-edge research, enhanced teaching/learning process, global impact, and multi-disciplinary skill sets for international programs for global reach were analysed. The importance and quality of Indian Innovation at the global level were scrutinized. Experiential learning programs for sustainable solutions were introduced to the participants through the example of 'Live in Labs'. The session ended with the emphasis on the need for quality outcomes for practices in internationalization.

Day 3- 10/07/2024

Session I (FN) -Development of Social Skills in Technical Education

The session's speaker was Prof. R. Jaganathan, Director IQAC, Professor and Head, Department of Geography, University of Madras. The modern global market demands not only advanced technical skills but also the development of soft skills, which have become essential for engineers in team-based environments. The session commenced with a discussion of the basics of social skills in Technical Education, and how social skills can be used to facilitate and enhance analytical tasks and decision-making processes. The ten targets of SDG 4 and the three key data priorities for education 2030- broad scope, quality education and equity in education were highlighted. Monitoring of SDG 4 at the global, regional and national levels accommodating social skills was discussed with examples. Technical (hard) and non-technical (soft) skills, the significance of emotional intelligence in business, and the development of soft skills within technical fields were pointed out. The importance of social skills in technical education for enhancing teamwork and collaboration was discussed with case studies and future trends.

Session II (AN)- Gender Equality in Quality Education

The session's speakers were Dr. G Janaki, and Dr. M Radhakrishnan, Associate Professors, Directorate of Learning and Development, SRMIST KTR. The session commenced with a group activity and ice breaking session. An overview of SDG 4 (Quality Education) and SDG 5 (Gender Equality) and how these goals intersect in the realm of education were discussed. The importance of inclusive and equitable learning opportunities for balanced growth in organizations was highlighted. An online survey was conducted for analysing the gender inequalities faced by individuals in their personal and professional life. Government initiatives for the eradication of gender inequality were highlighted and a quiz on the same was conducted. The session ended with a discussion on the need for advocacy power, lifelong learning and strategies to promote gender equality in multifaceted educational settings.

Day 4 - 11/07/2024

Session I (FN)- Yoga in Educational Development

The session's speaker was Dr. V Parthiban, Head, Centre for Yoga, SRMIST. The session emphasized on the holistic state provided by yoga by improving health, intellect, emotional intelligence, social behaviour and values. The speaker explained the seven chakras related to physiological needs, safety needs, love and belonging, esteem and self-actualization. The session also discussed how yoga is all about balance in every level like emotional, physical, mental, thought. The speaker explained the energy map of humans and modern principles of yoga detailing proper exercises (asanas), which are posture with the help of chakras, proper breathing and proper relaxation. The session reached its zenith with positive thinking and meditation, where the participants' minds became focused and relaxed, gaining acute awareness of their inner selves. The inward focus prepared the individuals for subsequent physical engagement with various asanas, each tailored to strengthen and rejuvenate the body and spirit, culminating in a session that was both invigorating and spiritually enriching.

Session II (AN)- Pros and Cons Towards Implementation of Minor and Major Degrees in HEI

The speaker of the session was Dr. K Sankaranarayanan, Professor, NIT, Tiruchirapalli. The session discussed the integration of the curriculum with both minor and major degrees, illustrating how students can blend a broad field of study with specialized subjects to create a comprehensive educational pathway. The session analysed the vital role of this implementation in the education sector through a comparative study of minor and major degree programs in the global level. The speaker pointed out that proper credit distribution helps to include minor subjects in curriculum. The session culminated with the discussion of how minor studies are significant for enriching students.

Day 5 -12/07/2024

Session I (FN) – Effective Regulation Framework

The session's speakers were Professor Rajeev Sukumaran, Director and Dr. Christhu Raj M R, DLD, SRMIST. Regulation is the control of 'something using rule/law/ordinance'. The session commenced with an activity to list out the elements that as a teacher the participants should regulate. The speaker emphasized the importance of activity- centered learning in students. The session pointed out that sustained efforts are only possible through coordinated efforts. The session discussed emotion regulation strategies through naming the motion, validating the emotion, identifying triggers, meditation and mindfulness, talking through emotions, journaling, noticing when you need a break, good sleep hygiene and therapy. Regulation strategy steps were introspected through an activity. The need for micro activities and the need to question them were pointed out. The regulation hierarchy including rules and regulations, standards and codes, policies and procedures, culture and practices were discussed with examples. How to validate a regulation strategy through global benchmarking, national benchmarking, forming institutional development plan, providing training and support and monitoring progress and impact were also discussed.

The Valedictory Meeting started at 02:30 pm in Mini Hall II of T P Ganesan Auditorium. Dr. P. Suresh, Assistant Professor, Career Development Centre, SRMIST, welcomed the gathering and encouraged constructive discussions about SDG 4 Programme Lecture. Professor Rajeev Sukumaran, Director DLD, SRMIST has given special talks of the workshop and the importance of SDG 4- Quality Education as the foundation for improving life and the necessity for holistic and multidisciplinary education. After that Dr. R. Padma Priya, Associate Professor, Career Development Centre, SRMIST has given the brief report of the Inculcating SDG - 4 (Quality Education) in HEI's in Compliance with NEP 2020. The meeting ended with vote of thanks by Dr. M. Sneha Latha, Associate Professor, Career Development Centre, SRMIST and the National Anthem.

PROGRAMME PHOTOGRAPHS

DAY 1- 08/07/2024



P1- Inauguration Ceremony of the Workshop



P2- When Dr. D.C. Mathangi was giving a lecture

DAY 2 – 09/07/2024



P3- When Dr. P. Mallika was giving a lecture



P4- When Dr. Prashant R Nair was giving a lecture

DAY 3- 10/07/2024



P5- When Prof. R. Jaganathan was giving a lecture



P6- When Dr. G Janaki, and Dr. M Radhakrishnan were giving a lecture

Day 4- 11/07/2024



P7- When Dr. V. Parthiban was giving a lecture on Yoga



P8- When Dr. K. Sankaranarayanan was giving a lecture on Curriculum Comparison

Day 5- 12/07/2024



P9- When Dr. V Parthiban was giving a lecture



P10- Valedictory function of the SDG 4- Quality Education Programme



HOD

Dr. P. Madhusoodhanan
M.Sc., M.Phil., M.S., Ph.D.
Head, CDC,
SRM Institute of Science & Technology

PARTICIPANTS

- Faculty Members
- Research Scholars

REGISTRATION LINK

<https://forms.gle/qzeLBGyYkuWoFfX48>



LAST DATE FOR REGISTRATION : 05/07/2024

REGISTRATION FEE : ₹500

PAYMENT DETAILS

Payment to be made through Online only (NEFT / IMPS Transfer) to the below Account

Account Name: Placement Registration

Account Number: 706113253

IFSC Code : IDIB000S181

Bank Name: INDIAN BANK

Branch: SRM UNIV, KATTANKOLATHUR

FOR QUERIES CONTACT

Dr. M. Sneha Latha - 94444 55773

Dr. T. Vijayashree - 80159 34652

Patrons

Dr. T. R. Paarivendhar, Founder Chancellor, SRMIST

Dr. Ravi Pachamuthu, Pro-Chancellor (Administration), SRMIST

Dr. P. Sathyanarayanan, Pro-Chancellor (Academics), SRMIST

Mr. S. Niranjana, Vice President, SRMIST

Advisory Committee

Dr. C. Muthamizhchelvan, Vice-Chancellor, SRMIST

Dr. S. Ponnusamy, Registrar, SRMIST

Dr. T. V. Gopal, Dean (CET), SRMIST

Dr. N. Venkata Sastry, Director, Career Centre, SRMIST

Dr. D. John Thiruvadigal, Professor and Chairperson,
School of Basic Sciences, SRMIST

Conveners

Prof. G. Augustine Maniraj Pandian

Dean – Internal Quality Assurance Cell (IQAC), SRMIST

Dr. P. Madhusoodhanan

Head, Career Development Centre, SRMIST

Co - Conveners

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Associate Professor, Career Development Centre, SRMIST

Dr. T. Vijayashree

Assistant Professor, Career Development Centre, SRMIST

Dr. P. Suresh

Assistant Professor, Career Development Centre, SRMIST



CAREER DEVELOPMENT CENTRE

CET, SRMIST, KATTANKULATHUR

organises

**A National Level Workshop on
Inculcating SDG - 4 (Quality Education) in
HEI's in Compliance with NEP 2020**

in association with

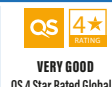
**Directorate of Learning and Development
SRMIST**



Date: 08.07.2024 – 12.07.2024

Time: 9.30 AM – 4.00 PM

**Venue: MINI HALL - II (Dr. T.P. Ganesan Auditorium)
SRMIST, KATTANKULATHUR - 603 203**



ABOUT THE INSTITUTION

SRM Institute of Science and Technology (Formerly known as SRM University) is one of the top-ranking Institutions and most premier engineering destinations in India. It was established in 1985 by the Founder Chancellor Dr. T. R. Paarivendhar. SRM Institute of Science and Technology (SRMIST) is functioning in five campuses located at Kattankulathur, Vadapalani, Ramapuram in Tamil Nadu, Modi Nagar, Ghaziabad and a fifth campus at Tiruchirappalli, Tamil Nadu with over 70000 students and 3945 faculty members, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, Law, Science & Humanities and Agricultural Sciences. The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence. Annually over 200 students are sponsored to 35+ foreign Universities like MIT, Carnegie Mellon, UC Davis, Warwick, and Western Australia. Now the Institute enjoys an unsurpassed reputation in academic and corporate circles, being the preferred destination of human resources for the vision to be recognized as a world-class learning institution. SRM Institute of Science and Technology has been categorized as Category institution by Ministry of Education (MOE); Government of India. SRMIST is accredited by NAAC with 'A++' Grade in the year 2024.

ABOUT THE DEPARTMENT

Career Development Centre recognizes diversity as a source of strength and strives to create an environment that values inclusion and embraces the unique backgrounds and perspectives. The Centre aims at cultivating the right knowledge, skills, strategies and mindsets to thrive academically and holistically. The Centre provides collaborative learning environment to sharpen communication, decision making, problem-solving, analytical and critical thinking skills.

OBJECTIVES

The objective of the workshop is to facilitate the implementation of SDG-4 (Quality Education) in Higher Education Institutions in compliance with the National Education Policy 2020. It provides information to the faculties on various tools and latest technologies in the new age of 'sustainable survival'. In order to integrate SDGs towards academics, this workshop offers a comprehensive overview of the curriculum.

THEMES

- Multi-Disciplinary Approach in education
- Integration of Skills and Education in HEIs
- Inclusive Education
- Effective Regulation Framework
- Foreign Institution Collaboration education

SUB – THEMES

- Cognitive Thinking & Problem -Solving Techniques
- Life-long learning
- Pros and Cons towards the implementation of Major and Minor degree in HEI's
- Advantages of collaborating with Foreign universities
- Development of social skills in technical education
- Gender equality in quality education
- Implementation and revitalize the global partnership
- Stake-holders perspective on the role of HEI's in quality education

EXPECTED OUTCOME

The participants will be able to identify student-centric methodologies, innovations and inclusive education in teaching and learning. This workshop enables the participants to understand the impact of NEP 2020 in HEIs and impact on SDGs towards the growth of the institution and society. It aims at developing cognitive capacities like foundational literacy and critical thinking, social, ethical and emotional capacities.

WORKSHOP SCHEDULE

Date	9.30 A.M - 12.30 P.M	1.00 P.M - 4.00 P.M
Day 1 8 th July 2024	Multi-Disciplinary Approach in Education Dr. D. C. Mathangi <i>Professor and Head SRIHER, Chennai</i>	Cognitive Thinking and Problem-Solving Techniques Dr. D. C. Mathangi <i>Professor and Head SRIHER, Chennai</i>
Day 2 9 th July 2024	Integration of Skills in HEI – Life-long Learning Dr. P. Malliga <i>Professor NITTTR, Chennai</i>	Advantages of Collaborating with Foreign Universities Dr. Prashant R Nair <i>Head, IQAC Amrita University, CBE</i>
Day 3 10 th July 2024	Development of Social Skills in Technical Education Dr. R. Jaganathan <i>Professor University of Madras, Chennai</i>	Effective Regulation Framework Prof. Rajeev Sukumaran <i>Director & Dr. Christhu Raj M R DLD,SRMIST</i>
Day 4 11 th July 2024	Yoga in Educational Development Dr. V. Parthiban <i>Head Centre for Yoga, SRMIST</i>	Gender Equality in Quality Education Dr. G. Janaki & Dr. M. Radhakrishnan <i>DLD,SRMIST</i>
Day 5 12 th July 2024	Pros and Cons Towards Implementation of Minor and Major Degrees in HEI Dr. K. Sankaranarayanasaamy <i>Professor, NIT, Tiruchirappalli</i>	



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Dr. P. Suresh

Assistant Professor, Career Development Centre, SRMIST



A++



Category 1
with 12B Status



(2023)
Ranked 18th University



(2024) World Ranking
one among 45 Indian Universities



(2024) World Ranking
one among 91 Indian Universities



VERY GOOD
QS 4 Star Rated Globally



(2023) World Ranking
one among 15 Indian Universities



(2023) World Ranking
one among 38 Indian Universities



(2023) World Ranking
one among 4 Indian Universities

PROGRAMME

Inauguration (08.07.2024)

- 9.30 am Invocation
- 9.32 am Welcome address
Dr. M. Sneha Latha
Associate Professor, Career Development Centre, SRMIST
- 9.34 am About the Workshop
Dr. P. Madhusoodhanan
Head, Career Development Centre, SRMIST
- 9.39 am Inaugural Address
Prof. G. Augustine Maniraj Pandian
Dean – Internal Quality Assurance Cell (IQAC), SRMIST
- 9.44 am Vote of Thanks
Dr. T. Vijayashree
Assistant Professor, Career Development Centre, SRMIST
- 10.05 am National Anthem

Valedictory (12.07.2024)

- 12.30 pm Invocation
- 12.33 pm Welcome Address
Dr. P. Suresh
Assistant Professor, Career Development Centre, SRMIST
- 12.35 pm Report of the workshop
Dr. R. Padma Priya
Associate Professor, Career Development Centre, SRMIST
- 12.40 pm Participants Feedback
- 12.45 pm Presidential Address
Prof. Rajeev Sukumaran
Director, DLD, SRMIST
- 12.50 pm Certificate Distribution
- 12.53 pm Vote of Thanks
Dr. M. Sneha Latha
Associate Professor, Career Development Centre, SRMIST
- 12.55 pm National Anthem