राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare
Stella Matutina College of Education (Autonomous)
Kamarajar Salai, Ashok Nagar, Chennai,
affiliated to Tamil Nadu Teachers Education University, Tamil Nadu as
Accredited
with CGPA of 3.15 on four point scale
at A grade
valid up to September 13, 2028

Date : September 14, 2023

Director

30569

FC(SC)/165/4th Cycle/TNCOTE10064

STELLA MATUTINA COLLEGE OF EDUCATION

(AUTONOMOUS)

ACCREDITED BY NAAC (4TH CYCLE) WITH GRADE 'A'

KAMARAJ SALAI, ASHOK NAGAR, CHENNAI – 600 083

MINUTES

OF

BOARD OF STUDIES MEETING

HELD

ON

17TH OCTOBER, 2023

"Attain Truth by the Path of Love"

Minutes of the Board of Studies Meeting of Stella Matutina College of Education, Ashok Nagar, Chennai -83.

The Board of Studies Meeting of Stella Matutina College of Education was held on 17.10.2023 at 2 pm in the college Conference Hall.

The following members were present.

Rev. Dr. Sr. Ruby Alangara Mary, Secretary
Dr. Mrs. Joseph Catherine, Principal

Faculty Members

Dr. Mrs. A. Alma Juliet Pamela, Dean of Academics & Research
Dr. Mrs. J. Jain Shanthini, Dean of Student Affairs
Dr. Mrs. K.A. Sheeba, Associate Prof. of Phy. Sci.
Dr. Mrs. P. Caroline Jeba Sorna, Assistant Prof. of Maths
Dr. Mrs. B. Annapoorani, Assistant Prof. of Tamil
Dr.Mrs. J. Annapriya, Assistant Prof. of History
Mrs. J. Rubina, Assistant Prof. of Psychology
Dr. Sr. M. Irudhaya Mary, Assistant Prof. of English
Dr. Mrs. S. Arockia Elizabeth Josephine, Assistant Prof. of Biology
Dr. Sr. V. Sheeja Vayola, Assistant Prof. of Education
Dr. Mrs. C. Bagyalakshmi, Assistant Prof. of Tamil
Mrs. F. Dafini Pinky, Assistant Prof. of Commerce
Dr. Mrs. K. Mangai, Assistant Prof. of Education
Dr. Mrs. L. Annie Kavitha, Assistant Prof. of Education
Mrs. M. Merlin Therasa, Assistant Prof. of Education
Mrs. C. Sasikala, Assistant Prof. of Education
Dr.Mrs. G.Umamageswari, Assistant Prof. of Education
Dr. Mrs. K.A. Sheela, Assistant Prof. of Physical Science
Dr. Mrs. Santhanalakshmi, Assistant Prof. of Education
Mrs. Selvi Anita Mary, Assistant Prof. of Education
Dr.Sr. Nirmal Grace Rani, Assistant Prof. of Comp. Science
Sr. Pauline Mary, Assistant Prof. of English

Two Experts in the Subject from outside the College

Dr. Prabu Shankar
Assistant Professor of Education
Institute of Advanced Study in Education, Saidapet, Ch-15.
Mr. Emmanuel. F.R
Assistant Professor of Mathematics
Loyola College, Chennai

University Nominee

Dr. P. Ganesan
Controller of Examinations i/c, TNTEU

Dr. Mrs. M. Ugin Rosita -Alumnus
Assistant Professor, University of Madras
Mrs. Seema Rama Chandran -Representative from allied area
Principal, JRK Matriculation Hr. Sec. School

Agenda of the Meeting

- Prayer
- Welcoming the members
- Reading of the minutes
- Review of the implementation of the resolutions passed in the previous meeting
- Business Discussion:
  - Presentation of the changes in the Curriculum for 2024-25
  - General and such other items as may be brought forward at the meeting
- Vote of Thanks
- Concluding Prayer

Welcoming the Members

The meeting began with a prayer by the members. The Principal Dr. Joseph Catherine welcomed the members of the Board of Studies. The absence of Dr. Ganesan, the University Representative was recorded.

Reading of the Minutes

The minutes of the previous meeting held on 17th October 2023 was read by Dr.Caroline Jeba and the same was approved by the members. The items considered were dealt with one after another.

Changes in the Curriculum

The Principal, Dr. Joseph Catherine informed the members about the introduction of new value-added courses in Semester II and Semester IV for the BEd students. Dr.Alma, Dean of Academics and Research requested the concerned staff to present the changes in the M.Ed and B.Ed courses.

Comparative Education

Dr. Josephine presented the changes made in the M.Ed course "Comparative Education". The members unanimously approved the changes.

Edu-Preneur Skills

Dr. Sr. Irudhaya Mary presented the syllabus for the value-added course "Edu-Preneur Skills". Dr. Prabhu Shankar enquired whether the course has been introduced in any other colleges of education or Universities in India. Dr. Alma replied saying that the course with same title has been offered in Bharathiar University. Mr. Emmanuel suggested to replace the

word “Ed-Tech” by “Edu-Tech” in Unit 3. Dr. Ugin Rositta enquired whether any other course in B.Ed was similar to the content of “Edu-Preneur skills.

Human Values and Professional Ethics

Dr. Ugin Rositta suggested adding “Global Values” and Regional Values” in the course Human Values and Professional Ethics. Mr. Emmanuel suggested to include web resources in the course.

Education in Contemporary India

The members jointly suggested to rearrange the articles and to include “Sustainable Development Goals” in the course.

Dr. Prabhu Shankar insisted on offering workshops and training in value-added courses through collaboration and MOUs with NGO’s. In addition, he suggested encouraging the students to take up SWAYAM courses based on core papers. The members enquired about the MOOC and SWAYAM courses offered in the curriculum. Dr. Sheeba, Controller of Examination replied that students were given opportunities in the 3rd semester to undertake any MOOC or SWAYAM course on a compulsory basis. She also mentioned that revaluation and re totaling for the theory courses was introduced from the previous academic year.

Any other Item

The Principal asked the members to suggest few topics towards the conduct of the International Seminar on “Inclusive Education”. The members were happy and suggested a few topics for the same.

Resolutions

- To collaborate with many institutions through MOUs
- To encourage the students to do SWAYAM courses based on the core papers.

Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

STELLA MATUTINA COLLEGE OF EDUCATION

(AUTONOMOUS)

ACCREDITED BY NAAC (4TH CYCLE) WITH GRADE 'A'

KAMARAJ SALAI, ASHOK NAGAR, CHENNAI – 600 083

MINUTES

OF

ACADEMIC COUNCIL MEETING

HELD

ON

20TH OCTOBER, 2023

"Attain Truth by the Path of Love"

Minutes of the Academic Council Meeting of Stella Matutina College of Education, Ashok Nagar, Chennai -83.

The Academic Council Meeting of Stella Matutina College of Education was held on 20.10.2023 at 2 pm in the college Conference Hall. The following members were present.

Rev. Dr. Sr. Ruby Alangara Mary, Secretary
Dr. Mrs. Joseph Catherine, Principal

Faculty Members

Dr. Mrs. A. Alma Juliet Pamela, Dean of Academics & Research
Dr. Mrs. J. Jain Shanthini, Dean of Student Affairs
Dr. Mrs. K.A. Sheeba, Associate Prof. of Phy. Sci.
Dr. Mrs. P. Caroline Jeba Sorna, Assistant Prof. of Maths
Dr. Mrs. B. Annapoorani, Assistant Prof. of Tamil
Dr.Mrs. J. Annapriya, Assistant Prof. of History
Mrs. J. Rubina, Assistant Prof. of Psychology
Dr. Sr. M. Irudhaya Mary, Assistant Prof. of English
Dr. Mrs. S. Arockia Elizabeth Josephine, Assistant Prof. of Biology
Dr. Sr. V. Sheeja Vayola, Assistant Prof. of Education
Mrs. F. Dafini Pinky, Assistant Prof. of Commerce

Experts from outside the College

Mrs. Parimala Paul (Education)
Associate Professor of Mathematics
St. Christopher College of Education
Mr. Simon Jeyakumar M.L., (Law)
Advocate, High Court of Madras
Mrs. Shahida Bari (Industry)
Correspondent, Radiance Matric H.S.S.
Dr. Shanthi. S (Commerce)
HOD. Dept. of Commerce
Stella Maris College, Chennai.

Nominees from the University

Dr. B.William Dharma Raja
Professor & Head, Dept.of Edn, M.S. University, Tirunelveli
Dr. V.P. Matheswaran
Professor, Dept. of Adult & Continuing Edn.
Dr. S. Chamundeeswari
Principal, N.K.T. National College of Education for Women

Agenda of the Meeting

- Prayer
- Welcoming the members
- Reading of the minutes
- Review of the implementation of the resolutions passed in the previous meeting
- Business Discussion:
  - Presentation of the changes in the Curriculum for 2024-25
  - General and such other items as may be brought forward at the meeting
- Vote of Thanks
- Concluding Prayer

Welcoming the Members

The meeting began with a prayer by the members. The Principal, Dr. Joseph Catherine welcomed the members of the Academic Council and the absence of Dr. Chamundeeswari was recorded.

Reading of the Minutes

The minutes of the previous meeting held on 10th October 2022 was read by the member secretary Dr. Caroline Jeba and the same was approved by the members. The items considered were dealt with one after another.

Changes in the Curriculum

The Principal, Dr.Joseph Catherine mentioned the introduction of the two new value-added courses namely Human Values and Professional Ethics and Edu-Preneur Skills. Dr. Alma, Dean of Academics and Research asked the staff members to present the changes in the curriculum one after another.

The members of the Academic Council suggested the changes in the following courses.

Comparative Education

In Unit 2, Dr. William suggested including the countries Finland and South Korea. In addition, Dr. Shanthi suggested including Scandinavian countries under the content of developed countries. Under Unit 4, Dr. Shanthi suggested including SAARC after commonwealth countries. In the context of IEA, she suggested to include TIMSS, PIRLS, ICSS, and ICILS.

Human Values and Professional Ethics

Dr. Shanthi appreciated the inclusion of Professionalism models under unit 3.

Edu-Preneur Skills

Dr. Shanthi suggested eliminating the introductory part under Unit 1. She also asked to remove “Collaboration with Educational Institutions”, under Unit 3 and “Role of Edu-Preneur in shaping Educational Policies” under Unit 4. Mr. Simon asked to include information regarding AI tools under unit 5. Dr. Annapriya responded that AI tools had been included in the course “Digital Pedagogy”.

Education in Contemporary India

Dr. Matheswaran suggested including the "Socially and Economically Weaker Section" under Unit 3.

General Remarks

The members jointly suggested framing five-course objectives for all the courses in B.Ed and M.Ed. Dr. William asked the staff members to include course design with each syllabus. He also mentioned writing a prelude for all value-added courses. The members jointly suggested to include skill based value-added courses in the curriculum with two Credits and three Units. In addition, they recommended modifying the value-added courses from the forthcoming year to three units with two credits. Dr. Shanthi suggested including independent elective papers for extra credits and the students could be asked to register for one paper each academic year for extra credits. She also asked the Management to offer paid certificate courses to students in the campus. Dr. William suggested introducing self-study courses in the institution.

Any other Item

The Principal, Dr. Joseph Catherine informed the members about convening an International Seminar on "Inclusive Education" in the present academic year and informed the members about the topics suggested in the Board of Studies and welcomed the suggestions of the members.

Resolutions

- It was resolved to introduce a skill-based value-added course
- An international seminar on "Inclusive Education" will be organised.

Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

6.5.3. Report of the work done by IQAC or other quality mechanisms

Report On Faculty FDP on Untended Aberrations in Research

Stella Matutina College of Education organized a Faculty Development Programme to enhance the faculty members with the latest trends in Education on 30th and 31st May 2024, as preparation for the forth coming academic year 2024 – 2025. The college also organized an FDP 20th October 2023 which aimed at enhancing research skills and professional growth of faculty members. The FDP enabled the educators of various disciplines, fostering a collaborative atmosphere for sharing best practices and innovative teaching strategies. The Faculty Development Programme commenced with an inaugural session led by the Principal Dr. Joseph Catherine who emphasized the importance of continuous professional development in the evolving educational landscape specially with respect to Research. Dr. William Dharma Raja, Professor and Head, Department of Education, Manonmaniam Sundaranar University, Tirunelveli served as the resource person and addressed on the topic Untended Aberrations in Research

The participants were engaged in interactive discussion of the topic and the resource person clarified a number questions with reference to research to citation, topic selection and sampling techniques. Overall, the Faculty Development Programmes at Stella Matutina College of Education were a resounding success, fostering a culture of lifelong learning and collaboration among faculty members. There were 24 participants who were present for the first FDP programme and for the second FDP there were 50 participants who benefitted from the programme.

FDP on Untended Aberrations in Research on 20th October 2023

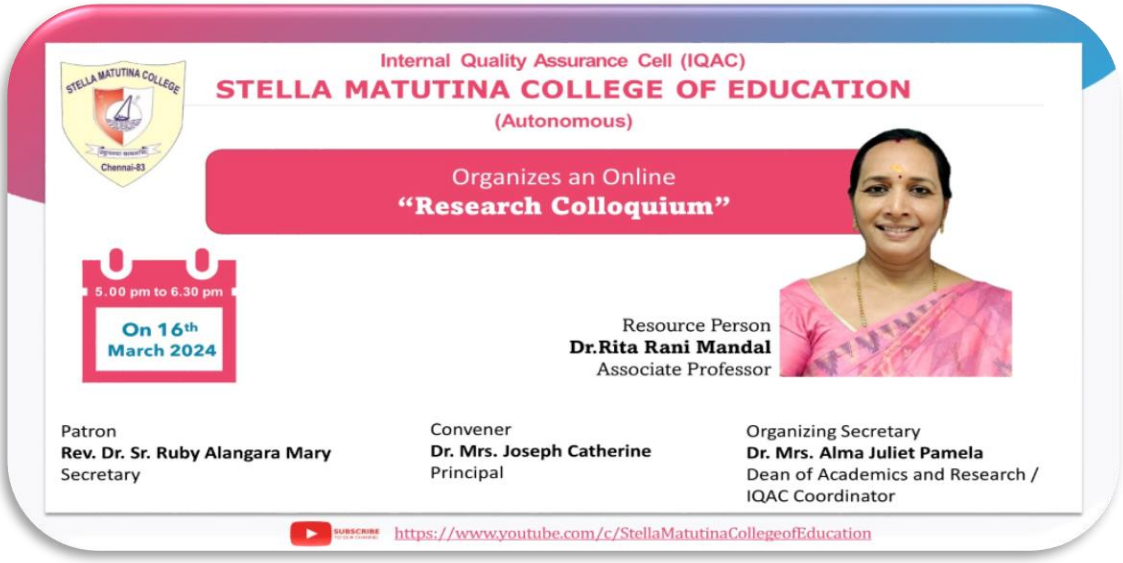
Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

6.5.3 Report of the work done by IQAC or other quality mechanisms

Report of the Research Colloquium On 16th March 2024

The research colloquium was conducted by the Internal Quality Assurance Cell (IQAC) at Stella Matutina College of Education to enhance the research capabilities and knowledge of the M.Ed. research scholars. Dr. Rita Rani Mandal, Associate Professor of English from Lady Willingdon College of Education served as the resource person.

The colloquium focused on the interactive session where the research scholars were asked present the topic and its significance with relevant review of related literature. Participants had the opportunity to clarify the doubts. She also provided practical tips and techniques to enhance the quality of research projects. The event concluded with a discussion centered on the challenges and opportunities in educational research, providing a platform for scholarly exchange. The Research Colloquium received overwhelmingly positive feedback from the M.Ed. research scholars who attended. They expressed their gratitude for the valuable insights shared by Dr. Rita Rani Manal.



Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

6.5.3 Report of the work done by IQAC or other quality mechanisms

Report of the International Conference on Leveraging Inclusion to Accelerate Learning

20th November 2023

Good evening to respected Rev. Dr. Sr. Rubby Alangara Mary, the secretary of the college, Dr. Joseph Catherine the Principal, and Dr. A Amarnath, Deputy Registrar Department of Medical Science, National Institute for Empowerment of Persons with Multiple Disabilities, as the chief guest for the valedictory function, dear participants from various college of education, dear teaching fraternity and the students' community. Good evening

Presenting before you the report of the international conference on Leveraging Inclusion to Accelerate Learning organized by Stella Matutina College of Education, Ashok Nagar Chennai on 20th November 2023.

The international conference began with the invocation dance followed by Tamil Tahi Vazhthu and with the lighting of kuthuvizhuku to acknowledge the omnipotent presence of God.

Dr, Joseph Catherine the Principal welcomed the chief guest for the inaugural function of the international conference. Professor Dr. Michaela Vogt, Faculty of Educational Science, Bielefeld University, Germany, Dr. Sr. Ruby Alangara Mary, the secretary of the college and the participants. In her address she highlighted the need for inclusion in education with focused attention.

Dr. Alma Juliet Pamela the convenor of the international conference deliberated on the theme of the conference by stressingon the inclusion in education in the digital era and the need to align with the changes for an effective and scope filled inclusion in education.

The inaugural address was delivered by Professor. Dr. Michaela Vogt, Faculty of Educational Science, Bielefeld University, Germany, in her address, she questioned stating can inclusion accelerate learning? She continued to Focus on the existing barriers actually those hinder inclusion in the real classroom and in research exercise. She also briefed on the school education system that exists in Germany as well as stated mentioning the functions lot of special schools those promote towards inclusive education.

She also highlighted on the historical review of inclusion in education siting the research conducted and how United Nations work towards promoting inclusive education. The Proliferators, educationist and parents need to understand, collaborate and cooperate to provide and cater to the needs of those special children who need education. And the need to incorporate the teaching

resources those necessary to enhance the need of special children in regular classrooms. She stated that a number of research proved that there is a little scope for special children in the regular school system. She focused on the discourse on inclusion in education. The key note address concluded with a few questions those were clarified by the resource person. At the end of the inaugural address the conference proceedings was released by Dr. Sr. Ruby Alangara Mary, the secretary of the college and the first copy was received by Dr. Michaela Vogt, Faculty of Educational Science, Bielefeld University, Germany followed by vote of thanks by Dr. K. A. Sheeba, Controller of the Examination, Stella Matituna College of Education.

The plenary session began at 12.10 pm. Dr. Sujata Bhan, Professor and Head, Department of Special Education, SNDT Women's University, Mumbai addressed the students stating 50% of the admission must be given to the special children in regular schools and in the university studies. She stated that in 2018 there were 10,000 special students were enrolled and the number increased to 13,000 at present. She also reiterated stating do you find special children being admitted in regular system of education? The UGC recommends that every educational institution must have counsellors, to address the individual's need of the students. She also highlighted on the actual reality that exists in India where it is looked at a tabu to include special children in normal schools or in higher education. Children with learning difficulties must be identified and helped in the areas specially learning mathematics. She also questioned participants whether anyone has seen students with symptoms of hyper activity or problem with mental disorder. If so how to address the issues. She emphasised on the difference between equity and equality. She also shared her concern on how to address the differences. She stated along with educational institution the society must collaborate and cooperate promoting inclusion in education without infringing the emotions of those children.

She concluded stating in such existing reality o and concern what could the teachers do to address the inclusion in education and focused on incorporating Universal Learning Design, teachers with clear communication, accessibility to learning material and reasonable recommendation those need to be taken into great consideration. She also shared on the responsibility of the management towards effective inclusion in education and the feedback those need to be addressed adequately.

The post lunch session consisted of paper presentation both online and off line mode. There were four sessions of paper presentation of which there were 49 papers were presented through online mode in three different sessions and a number of 10 papers were presented offline. The paper presentation sessions were presided by respected Dr. P. Subramanian, Assistant Professor, Department of Planning and Administration, Tamil Nadu Teachers Education University, Professor Dr. Sujata Bhan, Professor and Head, Department of Special Education, SNDT Women's University, Mumbai, Dr. Rita Rani Mandal, Associate Professor of English Education, Lady Willingdon Institute of Advanced Study in Education, Chennai and Prof. Mumtaz Begum, School of Education, Pondicherry University, Puducherry have served as chair persons and scrutinized the presentation.

The valedictory function of the International Conference on Leveraging Inclusion to

Accelerate Learning is on the process We have with us Dr. A. Amarnath, Deputy Registrar, Department of Medical Science, National Institute for Empowerment of Persons with Multiple Disabilities to deliver the valedictory address.

Thank you one and all.

Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

6.5.3 Report of the work done by IQAC or other quality mechanisms

Report of A One-Day Seminar on Fostering Mental Resilience for School Students, Organized On 5th March 2024.

Report on a one-day seminar on fostering mental resilience for school students organized by IQAC Stella Matutina College of Education on 5th March 2024. The event aimed to equip school students with effective strategies to support them in managing stress and developing resilience in the face of challenges. The students arrived at the venue in vans, which were organized by Stella Matutina College of Education. The transportation was smooth, and all students arrived punctually, ensuring the event started on time. Upon arrival, the students were warmly welcomed at the entrance by the event organizers and volunteers. The event began with registration and a ceremonial inauguration, setting the tone for the day's proceedings. Participants gathered with anticipation, ready to delve into discussions on this crucial topic.

The seminar began with a prayer song by the choir girls of SMCE. Dr.Mrs. K. Mangai, Assistant Professor of Education welcomed the dignitaries on the Dias and the participants, which consists of 90 children from standard 8th and 9th, from 9 different schools, 6 teachers and the first year B. Ed student teachers of SMCE. Followed by the welcome address by Dr. Joseph Catherine, Principal, Stella Matutina College of Education.

From 9.30 to 11a.m., The presidential address cum first session followed on Mindfulness, Stress Reduction, and resilience among school children by Fr. Franklin Raymond, OCD, Carmelite priest, counsellor. The session started with an ice breaking which focused the importance of socializing. He emphasized the importance of mindfulness, stress reduction, and resilience in the lives of school children. His insights and practical tips resonated with the audience, providing valuable tools for students. He enlightened us with his three main insights of vision, hardwork and focus. The session focussed on building a strong foundation among teenagers to cultivate resilience that sustains us through every storm. The entire session came to an end with the vote of thanks delivered by Dr. J. Jain Shanthini, Directress of Physical Education and Dean of Student Affairs.

The students enjoyed the refreshments from 1111.15a.m. From 11.15 to 1p.m. the second session on strategies in identifying stresses were began. Mrs. Mary Andriya from pedagogy of

commerce welcomed the resource person Ms. Shanthi and Mr. Shankar, from Sneha Foundation, followed by the welcome address by Mrs. Sasikala, assistant professor of Education. The session on strategies in identifying stresses was turned to an

interactive session where students were divided into two groups and imparted with thecoping mechanism of stress and focused on strategies to identify stresses affecting school students. Through interactive exercises and case studies, they empowered participants with techniques to recognize and address stresses effectively.

From 12.45 to 1.15p.m, the lunch break allowed participants to refuel and engage in informal discussions, fostering camaraderie and collaboration among attendees.

From 1.15 to 2.30p.m the final session on building resilience was commenced. Ms. Yuvisha, from Pedagogy of English welcomed the chief guest. Later the session was taken over by Ms. Shafaley Phebe, clinical psychologist. She shared practical approaches for building resilience among students, emphasizing the importance of fostering a supportive environment and teaching coping skills. The session came to an end with the words of gratitude by Ms. Nirmala Devi, from pedagogy of physical science.

Finally, the overall feedback form was collected from students. The event came to an end with the valedictory function. The seminar concluded on a high note, with participants equipped with newfound knowledge and strategies to foster mental resilience among school students. The event served as a testament to the collective commitment towards nurturing the holistic well- being of the younger generation.

Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

STELLA MATUTINA COLLEGE OF EDUCATION
(AUTONOMOUS)

Re-Accredited (4th Cycle) by NAAC at 'A' Grade

Ashok Nagar, Chennai – 600 083

| Tel : (+91)44-24894262 | Email : smcedn@gmail.com,info@smcedn.edu.in | Web : smcedn.edu.in |

6.5.3 Report of the work done by IQAC or other quality mechanisms

Report of the Communication Skill from 26th to 28th October 2023.

Stella Matutina College of Education, in association with the Rotary Club of Virudhunagar, organized a three-day Communication Skills Workshop for the first-year B.Ed students from 26th to 28th October 2023. The workshop aimed to enhance students' communication proficiency, focusing on verbal and non-verbal communication, presentation skills and effective public speaking. Expert trainers from the Rotary Club conducted interactive sessions, engaging students through various activities such as group discussions, role-playing and presentations. The programme also emphasized the importance of listening skills, confidence building and teamwork in effective communication. Students actively participated in the exercises, which were designed to foster both personal and professional growth. The event provided a platform for the future educators to develop essential skills that are crucial in the teaching profession. The workshop concluded with a feedback session and distribution of certificates to all participants, marking its success in achieving the intended objectives.

Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

STELLA MATUTINA COLLEGE OF EDUCATION
(AUTONOMOUS)

Re-Accredited (4th Cycle) by NAAC at 'A' Grade

Ashok Nagar, Chennai – 600 083

| Tel : (+91)44-24894262 | Email : smcedn@gmail.com,info@smcedn.edu.in | Web : smcedn.edu.in |

6.5.3 Report of the work done by IQAC or other quality mechanisms

Name of the Programme	**:**	**Workshop on Resume Preparation**
Date	**:**	**17th February 2024**
Organizing Agency	**:**	**Placement Cell, SMCE**
Number of Participants	**:**	**172 students and 2 teaching faculty**
Resource Person	**:**	**Dr. Sr. M. Irudhaya Mary, Placement Officer**
		Asst. Prof. of English, SMCE
Contact Number	**:**	**9443181689**

REPORT

The Placement Cell, Stella Matutina College of Education organized a workshop on Resume Preparation on 17th February 2024 for the second year B. Ed students. There were one hundred and seventy-two (172) students participated. The resource person Dr. Sr. Irudhaya, the Placement Officer, shared the criterion towards how to prepare a resume. The students enthusiastically participated and learnt how to prepare the resume.

OUTCOME OF THE WORKSHOP

All the students who participated, prepared the resume towards the forth coming of the campus interview on 1st March 2024.

Catherine
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

STELLA MATUTINA COLLEGE OF EDUCATION

(AUTONOMOUS)

Re-Accredited (3rd Cycle) by NAAC at 'A' Grade with CGPA: 3.48

Ashok Nagar, Chennai – 600 083

| Tel : (+91) 44-24894262 | Email : smcedn@gmail.com, info@smcedn.edu.in | Web : smcedn.edu.in |

6.5.3 Report of the work done by IQAC or other quality mechanisms

REPORT ON CAMPUS INTERVIEW

2nd & 11th March 2023

The Placement Cell at Stella Matutina College of Education plans systematically and executes a number of programme to enhance and ensure students placement at different schools at the end of the B. Ed programme. In this regard during the Fourth Semester of the Academic Year the Campus Interview is organized every year.

The Placement Officer Dr. Sr. M. Irudhaya Mary, Asst. Prof of English, along with members of the placement cell and with the consent of the Principal plans and organizes the campus interview. The Placement Officer sends the letter of communication to various schools in and around Chennai, and the neighboring States namely Pondicherry and Andhra Pradesh inviting the School Heads to recruit students for their esteemed schools. The letter is sent through via email and through post.

For the academic year 2022 -2023 the campus interview was organized on 2nd and 11th March 2023. There were 14 institutions participated and recruited students. One hundred and thirty-nine (139) students participated in the interview of which **96 students from Pedagogy of Tamil, English, Mathematics, Bio Science, Physical Science, Computer Science, Economics, Commerce, History were selected by various schools namely;**

1. J.R.K. Matric Hr. Sec. School
2. Vellammal Nexus (Interview on 2nd March 2023)
3. Pon Vidyashram
4. Amrita Viddyalayam, Kk Nagar
5. Sri Chaitanya Techno Group of Schools
6. Sri Krishnaswamy Group of Schools, Anna Nagar Chennai

7. Dr's Hyderabad International School
8. Grace Matric. Hr. Sec. School, Porur, Chennai.
9. Dhanish Matric Hr. Sec. School, Ayanavaram
10. Sri Krishnaswamy Group of Schools Villivakkam
11. Amirtha Vidhyalaya, Kovur
12. Oxford Matriculation Hr. Sec. School, West Mambalam
13. Sir Lady Andal M. Venkatasubba Rao Matric Hr. Sec. School
14. Tar.S Anaparthi. AP

Number of students short listed were 43

Number of students given appointment on the sport were six (6).

A number of 3 M. Ed Students were being placed in three different schools.

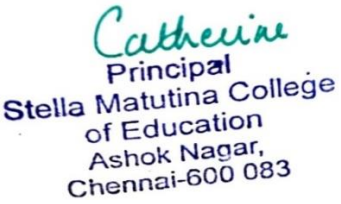
Dr. Sr. M. Irudhaya Mary

Asst. Prof of English

Placement Officer.

Dr. Joseph Catherine

Principal



STELLA MATUTINA COLLEGE OF EDUCATION

(AUTONOMOUS)

Re-Accredited (4th Cycle) by NAAC at 'A' Grade

Ashok Nagar, Chennai – 600 083

| Tel : (+91) 44-24894262 | Email : smcedn@gmail.com, info@smcedn.edu.in | Web : smcedn.edu.in |

ACADEMIC AND ADMINISTRATIVE AUDIT

2023 - 2024

COLLEGE PROFILE

1	Name of the College, Website, Email and Phone No.	**Stella Matutina College of Education** **smcedn.edu.in** **smcedn@gmail.com** **044-24894262**
2	Name of the Principal, Email & Mobile No.	**Dr. Mrs. Joseph Catherine** **catherinejoseph2@gmail.com & 9941287627**
3	Name of the IQAC Coordinator, Email & Mobile No.	**Dr. Mrs. Alma Juliet Pamela,** **almapame@gmail.com & 9500194738**
4	Year of Establishment of the College	**July 1961**
5	Affiliating University	**Tamilnadu Teachers Education University**
6	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	**'A' Grade with CGPA: 3.15** **4th Cycle in August 2023.**

I - GENERAL

<table>
<tr><th></th><th>Items</th><th>Details</th><th>Status</th></tr>
<tr><td>1.1</td><td>No. of Faculty</td><td><table><tr><td>Principal</td><td>1</td></tr><tr><td>Associate Professors</td><td>2</td></tr><tr><td>Assistant Professors</td><td>21</td></tr></table></td><td>Yes</td></tr>
<tr><td>1.2</td><td>Number of non-teaching and technical staff</td><td><table><tr><td>Non-Teaching staff</td><td>15</td></tr><tr><td>Technical staff</td><td>2</td></tr></table></td><td>Yes</td></tr>
<tr><td>1.3</td><td>Programme offered</td><td><table><tr><td>UG</td><td>B. ED</td></tr><tr><td>PG</td><td>M.ED</td></tr><tr><td colspan="2">PH.D.</td></tr></table></td><td>Yes</td></tr>
</table>

II - ADMISSION

<table>
<tr><th></th><th>Items</th><th>Details</th><th>Status</th></tr>
<tr><td>2.1</td><td>No of Students Admitted.</td><td><table><tr><td>B.Ed.</td><td>200</td></tr><tr><td>M.Ed.</td><td>21</td></tr><tr><td>Ph.D.</td><td>02</td></tr></table></td><td>Yes</td></tr>
<tr><td>2.2</td><td>Students receiving financial assistance</td><td>Financially Backward students are identified based on their socio-economic status and provided with concessions in their fees by the College management</td><td>Yes</td></tr>
<tr><td>2.3</td><td>No. of Students with scholarship</td><td><table><tr><td>BC</td><td>39</td></tr><tr><td>MBC</td><td>22</td></tr><tr><td>SC / SCC</td><td>31</td></tr><tr><td>TOTAL</td><td>92</td></tr></table></td><td>Yes</td></tr>
</table>

III - STUDENT DIVERSITY

<table>
<tr><th></th><th>Items</th><th>Details</th><th>Status</th></tr>
<tr><td>3.1</td><td>Community-wise attached</td><td>The community wise students list is maintained every year by the office management</td><td>Yes</td></tr>
<tr><td>3.2</td><td>Demography</td><td>
Bachelor of Education (B.Ed.)
<table>
<tr><th rowspan="2">Programme</th><th colspan="2">Same State</th><th colspan="2">Other States</th><th colspan="2">Other Countries</th></tr>
<tr><th>Number</th><th>Percentage</th><th>Number</th><th>Percentage</th><th>Number</th><th>Percentage</th></tr>
<tr><td>2023-24 Batch</td><td>197</td><td>98.5%</td><td>3</td><td>1.5%</td><td>Nil</td><td>Nil</td></tr>
</table>
Master of Education (M.Ed.)
<table>
<tr><th rowspan="2">Programme</th><th colspan="2">Same State</th><th colspan="2">Other States</th><th colspan="2">Other Countries</th></tr>
<tr><th>Number</th><th>Percentage</th><th>Number</th><th>Percentage</th><th>Number</th><th>Percentage</th></tr>
<tr><td>2023-24 Batch</td><td>20</td><td>95.2%</td><td>1</td><td>4.7%</td><td>Nil</td><td>Nil</td></tr>
</table>
Doctor of Philosophy (Ph.D.) in Education
<table>
<tr><th rowspan="2">Programme</th><th colspan="2">Same State</th><th colspan="2">Other States</th><th colspan="2">Other Countries</th></tr>
<tr><th>Number</th><th>Percentage</th><th>Number</th><th>Percentage</th><th>Number</th><th>Percentage</th></tr>
<tr><td>2023-24 Batch</td><td>2</td><td>100%</td><td>Nil</td><td>Nil</td><td>Nil</td><td>Nil</td></tr>
</table>
</td><td>Yes</td></tr>
</table>

<table>
<tr>
<td>3.3</td>
<td>Percentage of Rural Students</td>
<td>

Bachelor of Education (B.Ed.)

<table>
<tr><th rowspan="2">Programme</th><th colspan="2">Rural Students</th></tr>
<tr><th>Number</th><th>Percentage</th></tr>
<tr><td>2023-2024 Batch</td><td>28</td><td>14%</td></tr>
</table>

Master of Education (M.Ed.)

<table>
<tr><th rowspan="2">Programme</th><th colspan="2">Rural Students</th></tr>
<tr><th>Number</th><th>Percentage</th></tr>
<tr><td>2023-2024 Batch</td><td>Nil</td><td>-</td></tr>
</table>

Doctor of Philosophy (Ph.D.) in Education

<table>
<tr><th rowspan="2">Programme</th><th colspan="2">Rural Students</th></tr>
<tr><th>Number</th><th>Percentage</th></tr>
<tr><td>2023-2024 Batch</td><td>Nil</td><td>-</td></tr>
</table>

</td>
<td>Yes</td>
</tr>
</table>

IV - CURRICULUM

	Items	Details	Status
4.1	The design of syllabus & curriculum is according to the NCTE norms	Yes. The content of the Curriculum is updated according to the recent needs	**Yes**
4.2	Validation of curriculum is done with Field Experts through Board of studies and Academic Council Meetings	Yes. The Validation of the curriculum is done with the field experts **The members of the Board of Studies** are **(i)** The Secretary of the College, **(ii)** The Principal, **(iii)** All Teaching Staff, **(iv)** Two subject experts from outside of the college, **(v)** One expert nominated by the University, **(vi)** One Alumnus, **(vii)** One Representative from the Allied area, **(viii)** Member Secretary **The members of the Academic Council** are **(i)** The Secretary of the College, **(ii)** The Principal, **(iii)** All Teaching Staff, **(iv)** Four experts from outside of the college, • One Expert in the Education field • One Lawyer • One from Industry • One Subject Expert **(v)** Three Nominees from Universities. **(vi)** Member Secretary	**Yes**

4.3	IQAC activities & maintenance of records, (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC Activity	IQAC meeting is conducted twice a year and the activities are discussed in the meeting to improve the quality of education	**Yes**
4.6	The changes been made in tune with the feedback from students/employers/alumni?	Yes.	**Yes**
4.7	The syllabus comprehensive and up- to-date?	Yes	**Yes**
4.8	The recommended readings appropriate and up-to-date?	Yes	**Yes**
4.9	The syllabus includes Elective Courses.	Yes	**Yes**

<table>
<tr><td rowspan="2">4.10</td><td rowspan="2">List of elective Courses taken by the students.</td><td><table><tr><td>B.Ed.</td><td>(i) Peace Education
(ii) Women’s Education
(iii) Environmental Education
(iv) Health and Physical Education
(v) Pre-Primary Education
(vi) Human Rights Education</td></tr></table></td><td>Yes</td></tr>
<tr><td><table><tr><td>M.Ed.</td><td>(i) Guidance and Counselling
(ii) Education for Differently Abled Learners
(iii) Adult Education
(iv) Environmental Education
(v) Early Childhood Education</td></tr></table></td><td>Yes</td></tr>
<tr><td>4.11</td><td>Value Added Courses offered to students</td><td>B.Ed. 1 Year – I Semester
1.Payanpattu Tamil
2.Communication Skill
B.Ed. 1 Year – II Semester
1. Guidance and counseling skills
2. Human Values and Professional Ethics
B.Ed. II Year – IV Semester
1. Edupreneur Skill
2. Life Skills in Education</td><td>Yes</td></tr>
<tr><td>4.12</td><td>College Calendar/College Magazine</td><td>College Calendar and College Magazine are prepared and distributed to the students during the beginning and at the end of the academic year respectively.</td><td>Yes</td></tr>
</table>

V - TEACHING AND LEARNING

	Item	Details	Status
5.1	The learning levels of students assessed after admission	To assess the students to identify different learning needs and their level of readiness to undergo professional education programme, the college conducts entry level aptitude test in teaching aptitude in order to ensure the aptitude of the students. To identify their readiness for the professional education programme, the college conducts **Entry Level Entrance Test** (ELET) in various optional subjects for all the students who take admission to the B.Ed. programme.	**Yes**
5.2	Student-Teacher ratio	8:1	**Yes**
5.3	Teaching methods & teaching aids are according to students needs	Training has been provided in the preparation of teaching aids and demonstrations are provided in every discipline to enrich teaching competencies.	**Yes**
5.4	Task oriented assignments are given for both B.Ed. & M.Ed.	Assignments are given based on the syllabus.	**Yes**
5.5	Student support – remedial coaching	• During the Pedagogy and general class the slow learners are identified and remedial coaching is given to the students by the concerned staff. • Psychology professor who is also a trained counselor gives academic as well as personal guidance to all the students individually whenever the students are in need.	**Yes**
5.6	The initiatives taken to encourage fast learners	• Flipped classroom • Blended Learning	**Yes**

		• Practical oriented assignment • Usage of panel board for large group instruction • ICT and innovation • Instructional Studio • Digital resource center in the library	
5.7	The diverse methods of teaching adopted	• Role Play • Focus Group Discussion • Demonstrations • Active learning method • Lecture • Team teaching • Constructive learning method • Seminar/presentations by students • Problem Solving Method • Brainstorming • Buzz group discussions • THINK – PAIR – SHARE	**Yes**
5.8	Mentor-Mentee system	Each staff has been allotted with students to take care of their academic and personal guidance.	**Yes**
5.9	Parent Teachers Meeting is conducted annually	The Parents Teachers Association meetings were organized twice in a a year, through online mode on 29th July 2023 and offline mode on 23rd March, 2024.	**Yes**
5.10	Feedback from students at the end of every semester is collected	• An open forum is conducted among the union members and class representatives and feedback are collected. • Student Satisfaction Survey is done. • Evaluation of Teacher Effectiveness by the student teachers is carried out periodically.	**Yes**
5.11	Steps taken for the feedback	The steps are taken according to the feedback given by the student teachers for the academic betterment.	**Yes**

5.12	Training is given in	• Soft Skills • Computer Skills • Extension Services	**Yes**
5.13	Educational tour / industrial visits / exhibitions / Internship / Training	**Internships:** **B.Ed.,** • During the II semester, for 1st year B.Ed. students college conducts activities like ▪ Micro Teaching session on 19th to 21st June 2023. ▪ For the present batch micro-teaching session was held on 8th & 10th April, 2024. ▪ Demonstration classes on 18th & 19th July 2023. ▪ Observation in schools on 20th July to 2nd August 2023. • During their III semester, 2nd year B.Ed. students go to Government and Government Aided Schools for teaching practice with the duration of 16 weeks. **M.Ed.,** – During their II semester, 1st year M.Ed. Students go to education colleges for teaching practice in the city for 1 week. **Educational Tour** • B.Ed., I year students were taken on an Educational Tour to Dhakshin Chitra in order to provide orientation on how to incorporate art and craft in teaching on 19th January 2024 • B.Ed., I year students were taken to a field visit to St. Louis Blind, Deaf, and dumb school to give exposure to the teaching skills for the Teacher Trainees. . • B.Ed., I year students visited the B.M. Birla Planetarium, Chennai on 13th March, 2024. • B.Ed., II year students were taken on a recreational tour to MGM Theme Park, Chennai on 13th March, 2024. • M.Ed., students were taken to visit the various city libraries and special schools to gain exposure.	**Yes**
5.14	Academic Competitions (College	• Intra-Departmental Model Making competition on 23rd June	**Yes**

	Level & Above)	2023 • Intercollegiate Model Making competition on 19th March, 2024 • Conducted Quiz, • Poem Writing, • Poster Making, • Slogan Writing, and • Essay Writing during the academic year.	
5.15	Annual Citizenship Camp is Conducted	• Annual Citizenship camp was conducted for the Teacher Trainee from 7th to 9th November, 2023. • Variety of group activities, workshops, special talks by doctors, lawyers, fitness trainers were conducted during the camp.	**Yes**

VI -RESEARCH AND CONSULTANCY

<table>
<tr><th></th><th>Item</th><th>Details</th><th>Status</th></tr>
<tr><td>6.1</td><td>No. of Research Guides in the College</td><td><table><tr><td>Ph.D.</td></tr><tr><td>5</td></tr></table></td><td>Yes</td></tr>
<tr><td>6.2</td><td>No. of Research Scholars working for Ph.D.,</td><td><table><tr><th>Name</th><th>Ph.D.</th></tr><tr><td>Dr. Mrs. Joseph Catherine</td><td>7-completed
5-ongoing</td></tr><tr><td>Dr. Mrs. Alma Juliet Pamela</td><td>6-completed
5-ongoing</td></tr><tr><td>Dr. Mrs. Sheeba</td><td>3- ongoing</td></tr><tr><td>Dr. Sr. Irudhaya Mary</td><td>3- ongoing</td></tr><tr><td>Dr. Mrs. S. Arockia Elizabeth Josephine</td><td>3-ongoing</td></tr></table></td><td>Yes</td></tr>
<tr><td>6.3</td><td>Major/Minor/Other Research Projects</td><td>No. Major/Minor/Other Research Projects has not been initiated in this current year.</td><td>Yes</td></tr>
</table>

6.4	Papers Presented in 2023-24 (International/ National/ State)		**Yes**

Name	**International**	**National**	**State**
Dr. Joseph Catherine	-	-	-
Dr. A. Alma Juliet Pamela	-	-	-
Dr. K. A. Sheeba	-	-	-
Dr. P.Caroline Jeba Sorna	1	1	-
Dr. B.Annapoorani	-	1	1
Dr. J. Annapriya	3	1	-
Dr. J. Jain Shanthini	1	1	-
Mrs. J. Rubina	4	1	-
Dr. Sr. Irudhaya Mary	-	-	-
Dr. S. Arockia Elizabeth Josephine	1	-	-
Dr. Sr. Sheeja Vayola	3	1	-
Dr. C. Bagyalakshmi	-	1	-
Mrs. F. Dafini Pinky	2	1	-
Dr. K. Mangai	-	-	-
Dr. L. Annie Kavitha	2	1	-
Sr. Pauline Mary	1	1	-
Mrs. M. Merlin Therasa	2	1	-
Mrs. C. Sasikala	3		
Dr. G. Umamageswari	1	1	-
Dr. K. A. Sheela	1	-	-
Dr. Santhana Lakshmi	-	1	
Dr. Sr. Nirmal Grace Rani	1	1	-
Mrs. Selvi Anita Mary	1	1	-

6.5	Journals Published in 2023 - 24 (International/ National/ State)		**Yes**

Name	International	National	State
Dr. Joseph Catherine	1	-	-
Dr. A. Alma Juliet Pamela	4	-	-
Dr. K. A. Sheeba	2	1	-
Dr. P. Caroline Jeba Sorna	3	-	-
Dr. B. Annapoorani	-	1	1
Mrs. J. Annapriya	4	-	-
Dr. J. Jain Shanthini	1	1	-
Mrs. J. Rubina	3	-	-
Dr. Sr. Irudhaya Mary	1	1	-
Dr. S. Arockia Elizabeth Josephine	1	1	-
Dr. Sr. Sheeja Vayola	4	-	-
Dr. C. Bagyalakshmi	-	1	-
Mrs. F. Dafini Pinky	3	-	-
Dr. K. Mangai	-	-	-
Dr. L. Annie Kavitha	1	1	-
Sr. Pauline Mary	1	1	-
Mrs. M. Merlin Therasa	2	1	-
Mrs. C. Sasikala	3	-	-
Mrs. G. Umamageswari	1	-	-
Dr. K. A. Sheela	1	-	-
Dr. Santhana Lakshmi	-	1	-
Dr. Sr. Nirmal Grace Rani	1	1	-
Mrs. Selvi Anita Mary	1	1	-

6.6	Seminars/Workshops/ Training Programme Participated by the Faculty in 2023-2024 (International/ National/ State)		**Yes**

Name	International	National	State
Dr. Joseph Catherine	-	1	-
Dr. A. Alma Juliet Pamela	-	2	-
Dr. K. A. Sheeba	2	2	2
Dr. P. Caroline Jeba Sorna	1	2	1
Dr. B. Annapoorani	-	-	3
Mrs. J. Annapriya	-	-	4
Dr. J. Jain Shanthini	1	4	1
Mrs. J. Rubina	6	13	7
Dr. Sr. Irudhaya Mary	1	2	1
Dr. S. Arockia Elizabeth Josephine	2	1	1
Dr. Sr. Sheeja Vayola	-	2	7
Dr. C. Bagyalakshmi	-	-	7
Mrs. F. Dafini Pinky	-	5	5
Dr. K. Mangai	-	1	2
Dr. L. Annie Kavitha	-	7	-
Sr. Pauline Mary	-	2	2
Mrs. M. Merlin Therasa	2	3	8
Mrs. C. Sasikala	-	9	5
Mrs. G. Umamageswari	-	5	-
Dr. K. A. Sheela	-	-	-
Dr. Santhana Lakshmi	-	-	-
Dr. Sr. Nirmal Grace Rani	-	8	5
Mrs. Selvi Anita Mary			

6.7	Books Published in 2023-2024 (Single Author/ Co Author)	• Mrs. J. Rubina, Asst. Prof. of Psychology, published a chapter on "Eduquest: Navigating the Landscape of Educational Research" on the topic "Enhancing Teacher Education with AI in Psychological Assessment", Dr. Sohel Rana Sarkar Publications, ISBN: 978-93-5987-825-6. • Mrs. J. Rubina, Asst. Prof. of Psychology, published a chapter on "Women and the Society" on the topic "Empowering women in sustainable development", IQAC, Annamalai University, ISBN: 978-81-962962-3-0. • Mrs. J. Rubina, Asst. Prof. of Psychology, published a chapter on "Essentials of Positive Psychology" on the topic "Enhancing Academic Excellence through Emotional Intelligence and Emotional Balance", Shanlax Publications, ISBN: 978-81-19337-28-6. • Mrs. J. Rubina, Asst. Prof. of Psychology, published a chapter on "Applications of AI in Emerging Research and Education" on the topic "AI in Mental Health Care", IQAC, Annamalai University, ISBN: 978-81-965582-7-7. • Mrs. J. Rubina, Asst. Prof. of Psychology, published a chapter on "Highlights of NEP 2020:Teacher Education" on the topic "Teacher Education in India", Vellalar College of Education, ISBN: 978-93-5701-406-9. • Dr. Sr. V. Sheeja Vayola, Asst. Prof. of Education, published a book on the title "Academic Self-concept, Achievement Emotions and Educational Aspirations among Higher Secondary Students", Lulu Publications, ISBN: 978-1-304-55941-8. • Mrs. F. Dafini Pinky, Asst. Prof. of Commerce, published a chapter on "Application of AI in Emerging Research and Education" – Volume-I on the topic "Artificial Intelligence and Education", Kongunadu Publications India Pvt. Ltd. ISBN: 978-81-965582-7-7. • Mrs. C. Sasikala, Asst. Prof. of English, published a chapter on "Application of AI in Emerging Research and Education" – Volume-I on the topic "Chat GPT in Higher Education", Kongunadu Publications India Pvt. Ltd. IQAC, Annamalai University. ISBN: 978-81-965582-7-7.	**Yes**

		• Dr. G. Umamageswari, Asst. Prof. of Education, published a chapter on "Application of AI in Emerging Research and Education" – Volume-I on the topic "AI Tools for Academic Research", Kongunadu Publications India Pvt. Ltd. IQAC, Annamalai University. ISBN: 978-81-965582-7-7. • Dr. Sr. Nirmala Grace Rani, Asst. Prof. of Computer Science, published a chapter on "Essentials of Positive Psychology" on the topic "Forgiveness and Humility: Building Bridges to Harmony", Shanlax Publications, ISBN: 978-81-19337-28-6.	
6.8	Seminars/Workshops/ Training Programme Conducted in 2023-2024 (International/ National/ State)	• Senthamil International Learning Association for Maximizing Biliteracy Urge United Stated of America released a book on theme "Tamil story books" on 3rd August 2023. • Students Induction Programme & Bridge Course for the I Year B.Ed. from 25th September to 13th October 2023. • Seminar on "Untended Aberration in Research Reporting" by Dr. William Dharmaraja on 20th October 2023. • A three day communication skill workshop was organized on 26th to 28th October, 2023 by the Rotary club for the I year B.Ed. students. • Mr. Durgesh Sing from Krishna Foundation gave a talk on "Financial Management" for the B.Ed. students on 30th October, 2023. • One-day International Conference on "Leveraging Inclusion to Accelerate Learning" was organized on 20th November, 2023. • International Conference on "Leveraging Inclusion to Accelerate Learning" on 20th November, 2023. • One-day seminar on "Fostering Resilience" among school students was organised on 5th March 2024. • Special lecture on "Women Empowerment" by Mrs. A. Kumari Rajkumari, on 20th March, 2024.	**Yes**

<table>
<tr>
<td>6.9</td>
<td>Attended Refresher Course and Orientation Course</td>
<td>
<table>
<tr><th>Name of the staff</th><th>Programme</th><th>Sponsored by</th><th>Date</th></tr>
<tr><td>Dr. S Arockia Elizabeth Josephine</td><td>Refresher Course in Teacher Education (Two Weeks)</td><td>UGC – Sponsored, Malaviya Mission Teacher Training Centre, Gujarat University, Ahmedabad-380009</td><td>18.12.2023 to 31.12.2023</td></tr>
<tr><td>Dr. Sr. V. Sheeja Vayola</td><td>Faculty Induction Programme</td><td>UGC- Human Resource Development Centre (HRDUC) – University of Madras – 600005</td><td>27.01.2024 to 25.02.2024</td></tr>
</table>
</td>
<td>Yes</td>
</tr>
<tr>
<td>6.10</td>
<td>Record of the Visitors</td>
<td>The Resource person whomever visits the college for various events and activities write their experience about their experiences in the visitors note book</td>
<td>Yes</td>
</tr>
</table>

VII PH.D.

	Item	Details	Status
7.1	Admission for Ph.D. done as per UGC norms?	Yes	**Yes**
7.2	The students undergo coursework as per UGC norms?	Yes. The students undergo coursework according to UGC norms.	**Yes**
7.3	Research colloquia (RC) conducted	To give exposure to students on research various lectures, seminars and workshops are organized by the college.	**Yes**
7.4	The progress of research scholars periodically monitored by the Doctoral Committee	Yes. Research scholars periodically monitored by the Doctoral Committee	**Yes**

VIII-EXTENSION ACTIVITIES

	Item	Details	Status
8.1	Functional MOU with Nat./International Institutions/Industry.	❖ MOU Between Stella Matutina College of Education (Autonomous) Ashok Nagar, Chennai and N.K.T. National College of Education for Women, Triplicane, Chennai. ▪ Choice based add-on courses on sign language and communication skills were offered in the First Semester. ▪ Choice based add-on courses on yoga and early childhood were offered in the Second Semester. ❖ MOU Between Stella Matutina College of Education (Autonomous) Ashok Nagar, Chennai and VILUDHU Charitable Trust, Virugambakkam, Chennai. ❖ MOU Between Stella Matutina College of Education (Autonomous) Ashok Nagar, Chennai and Caring Hearts Foundation, Aminjikarai, Chennai. ❖ MOU Between Stella Matutina College of Education (Autonomous) Ashok Nagar, Chennai and BHUMI Foundation, Alandur, Chennai.	**Yes**

<table>
<tr>
<td>8.2</td>
<td>NSS</td>
<td>National Service Scheme Conduct various socially responsible activities to the students. The report of each event is maintained by the coordinator of the NSS.
Example:
<table>
<tr><th>DATE</th><th>ACTIVITY</th></tr>
<tr><td>05.06.2023</td><td>Orientation on “Shelter Home kids’ Education” in collaboration with Bhumi NGO</td></tr>
<tr><td>23.06.2023</td><td>International Yoga Day, an online quiz and poster-making competition.</td></tr>
<tr><td>1.07.2023 to 07.07.2023</td><td>Van Mahotsav-“Each one plant one”. Planted 175 saplings</td></tr>
<tr><td>19.07.2023</td><td>Visit to the cancer hospital, Adayar.</td></tr>
<tr><td>22.07.2023</td><td>Village Visit to Thirukazhukundram</td></tr>
<tr><td>11.08.2023</td><td>Pledge on Drug abuse</td></tr>
<tr><td>15.08.2023</td><td>77th Independence Day celebration</td></tr>
<tr><td>04.10.2023 & 07.11.2023</td><td>Swachh Bharat Mission</td></tr>
<tr><td>31.10.2023</td><td>Rashtriya Ekta Diwas (National Unity Day) was celebrated</td></tr>
<tr><td>25.11.2023</td><td>Dr. Kalaingar Nootrandu Vizha</td></tr>
<tr><td>01.12.2023</td><td>World AIDS day</td></tr>
<tr><td>02.12.2023</td><td>Pollution Control Day ,a quiz competition</td></tr>
<tr><td>22.12.2023</td><td>Visit to Annai Ullam, a destitute old age home</td></tr>
<tr><td>12.01.2024</td><td>Visit to Little Sisters for the Poor, an elderly care home.</td></tr>
<tr><td>17.02.2024</td><td>Vanamalar Team transgender community visit to college</td></tr>
<tr><td>19.02.2024</td><td>Deworming Day.</td></tr>
<tr><td>6.03.2024</td><td>Clean-up drive</td></tr>
<tr><td>07.03.2024</td><td>Campaign for the distribution of degradable and biodegradable pamphlets to community people</td></tr>
</table></td>
<td>Yes</td>
</tr>
</table>

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>08.03.2024</td><td>Awareness on Voting</td></tr>
<tr><td>13.03.2024</td><td>Swachh Bharat Abhiyan</td></tr>
<tr><td>22.03.2024</td><td>Beach cleaning drive</td></tr>
<tr><td>22.03.2024</td><td>Medical camp</td></tr>
<tr><td>29.04.2024</td><td>“Right to Education Act”</td></tr>
<tr><td>11.04.2024</td><td>Donating clothes to orphanages</td></tr>
<tr><td>16.04.2024</td><td>"My Vote My Duty" voting awareness to students</td></tr>
<tr><td>20.04.2024</td><td>Grocery Distribution to Charities</td></tr>
<tr><td>23.04.2024</td><td>Awareness rally on Blood Donation.</td></tr>
<tr><td>27.04.2024</td><td>G2N event, Visit to Annai Ullam.</td></tr>
</table>
</td><td></td></tr>
<tr><td>8.3</td><td>Red Ribbon Club Activities</td><td>The Red Ribbon Club conducts meetings twice a year and action plan for year is discussed in the meeting. The minutes of the meeting and the reports of the implemented activities are maintained by the RRC coordinator.
<table>
<tr><th>DATE</th><th>ACTIVITY</th></tr>
<tr><td>01.12.2023</td><td>World Aids Day Competition-Poster making</td></tr>
<tr><td>04.01.2024</td><td>Menstrual hygiene</td></tr>
<tr><td>12.01.2024</td><td>Visit to old age home</td></tr>
<tr><td>12.01.2024</td><td>Visit to children orphanage</td></tr>
</table>
</td><td>Yes</td></tr>
<tr><td>8.4</td><td>Women Cell Activities</td><td>The Women’s Cell conducts meeting twice a year and action plan for year is discussed in the meeting. The minutes of the meeting and the reports of the implemented activities are maintained by the Women’s Cell Secretary.
<table>
<tr><th>DATE</th><th>ACTIVITY</th></tr>
<tr><td>12.01.2024</td><td>Visit to old age home</td></tr>
<tr><td>07.03.2024</td><td>Blood donation camp</td></tr>
<tr><td>20.03.2024</td><td>International Women’s Day</td></tr>
</table>
</td><td>Yes</td></tr>
</table>

<table>
<tr>
<td>8.5</td>
<td>Eco- Club Activities</td>
<td>The ECO Club conducts meeting twice a year and action plan for year is discussed in the meeting. The minutes of the meeting and the reports of the implemented activities are maintained by the ECO Club Secretary
<table>
<tr><th>DATE</th><th>ACTIVITY</th></tr>
<tr><td>05. 01.2024</td><td>Quiz On National Birds Day</td></tr>
<tr><td>20.02.2024</td><td>Environmental Consciousness</td></tr>
<tr><td>28.02.2024</td><td>Hydration Initiative For Healthier Habits</td></tr>
<tr><td>08.03.2024</td><td>Herbal Wisdom: Nurturing Health In Women</td></tr>
<tr><td>1.03.2024</td><td>International Day Of Forest (Mime)</td></tr>
<tr><td>22.03.2024</td><td>World Water Day (Poster Making)</td></tr>
<tr><td>21.03.2024</td><td>International Day Of Forest</td></tr>
<tr><td>9.04.2024</td><td>Eco Champs Nature Education</td></tr>
<tr><td>22.04.2024</td><td>World Earth Day</td></tr>
</table>
</td>
<td>Yes</td>
</tr>
<tr>
<td>8.6</td>
<td>Youth Red Cross Activities</td>
<td>The Youth Red Cross conducts meeting twice a year and action plan for year is discussed in the meeting. The minutes of the meeting and the reports of the implemented activities are maintained by the YRC coordinator.
<table>
<tr><th>DATE</th><th>ACTIVITY</th></tr>
<tr><td>07.11.2023</td><td>Swatch Bharat (Clean India) mission</td></tr>
<tr><td>25.10.2023</td><td>Free Eye Check-up Camp</td></tr>
<tr><td>12.01.2024</td><td>Visit to Old Age Home</td></tr>
<tr><td>08.02.2024</td><td>Talk on the Impact of Lifestyle choices on “Women’s Cancer Risk”</td></tr>
<tr><td>22.03.2024</td><td>Free Eye Check-up Camp</td></tr>
</table>
</td>
<td>Yes</td>
</tr>
<tr>
<td>8.7</td>
<td>Departmental Club Activities</td>
<td>

Wild Life Week Celebration was organized by the Department of Biological Science, the student teachers were exposed to various aspects of safe guarding wild life and Environment through

Special Talks,
Quiz,
Essay Writing Competition and
Exhibitions.

</td>
<td>Yes</td>
</tr>
</table>

		➢ Intercollegiate Model Making Competitions was organized by • Departments of Mathematics, • Departments of Physical Science and • Departments of Biological Science. ➢ Pedagogical Subjects had Two-day Demonstration on Macro Teaching was organized on 18th & 19th July 2023.	
8.8	Celebration of Important Days	• Teachers Day • Diwali • Wild Life Week • Our Lady of Presentation Feast • Christmas • Pongal • Republic Day • Founders Day • International Women's Day	**Yes**

IX-LEARNING RESOURCE

<table>
<tr><th></th><th>Item</th><th>Details</th><th>Status</th></tr>
<tr><td>9.1</td><td>Access timings of the library</td><td>9.00 AM to 4.30 PM</td><td>Yes</td></tr>
<tr><td>9.2</td><td>Availability of Previous years' Question papers</td><td>The Controller of the Examination Maintains the previous year's question papers</td><td>Yes</td></tr>
<tr><td>9.3</td><td>Provision of Instructional Studio</td><td>Well-equipped instructional studio for enhanced teaching-learning experience is available.</td><td>Yes</td></tr>
<tr><td>9.4</td><td>Availability of books in the library</td><td>
<table>
<tr><th>Items</th><th>Existing</th><th>Newly</th><th>Total</th></tr>
<tr><td>Text Book</td><td>22169</td><td>2795</td><td>24964</td></tr>
<tr><td>Journals</td><td>International-5</td><td>National - 78</td><td>83</td></tr>
<tr><td>Donated Books</td><td>365</td><td>-</td><td>365</td></tr>
<tr><td>Magazine</td><td>-</td><td>-</td><td>12</td></tr>
<tr><td>CD</td><td>-</td><td>-</td><td>138</td></tr>
</table>
</td><td>Yes</td></tr>
<tr><td>9.5</td><td>Laboratories</td><td>Psychology Lab
The psychology lab is equipped with psychological test materials and apparatus which are being used both for research work and for training the teachers in the usage of administration of psychological tests.
Physical Science Lab
The lab is also utilized to prepare working and non-working models. The science students also rehearse the experiments that they would be teaching during their practice Teaching.</td><td>Yes</td></tr>
</table>

		Biology Lab ▪ The lab is well-equipped and properly maintained. The old and broken items are replaced every year and a stock register is maintained. **Geography Lab** ▪ The lab is well-equipped and properly maintained non-working models are utilized by the geography major students. **Computer Lab** ▪ The lab is equipped with 66 computers and an LCD Projector. A certificate course in Computer application is conducted.	

X - STUDENT SUPPORT ACTIVITIES

<table>
<tr><th></th><th>Item</th><th>Details</th><th>Status</th></tr>
<tr><td>10.1</td><td>Physical Education Department</td><td>

The events and activities are recorded and maintained by the physical directress.
Annual Sport day was organized on 21st December, 2023.
The students participated in the Inter-Collegiate Competitions held during 10.02.2023 and 11.02.2023 at St.Christopher’s College of Education and Won the overall championship.
A number of 50 students went to Nehru Stadium to participate in and cheer the “Kheloo India” indoor game on 24th January 2024.

</td><td>Yes</td></tr>
<tr><td>10.2</td><td>Co-Scholastic activities conducted</td><td>
<table>
<tr><td>17.10.2022 -31.10.2022</td><td>Student Induction Program was Conducted for the I year B.Ed.,</td></tr>
<tr><td>19.10.2022 -20.10.2022</td><td>Introduction day for the 1st year B.Ed. students</td></tr>
<tr><td>30.03.2023 -31.03.2023</td><td>Talent Day</td></tr>
<tr><td>08.12.2022</td><td>Annual Sports Day</td></tr>
</table>
</td><td>Yes</td></tr>
</table>

<table>
<tr><td></td><td></td><td><table><tr><td>28.11.2022 -30.11.2022</td><td>Annual Citizenship Camp</td></tr><tr><td>24.04.2023</td><td>College day</td></tr></table>Students participated in various intercollegiate competitions and won prizes.</td><td></td></tr>
<tr><td>10.3</td><td>Placement cell Activities</td><td>The Placement Cell organizes Campus interviews for the II yr. B.Ed. students during their final semester.
The campus interview for the academic year was conducted on 1st March 2024.
15 schools participated and recruited 75 students.
The report of the Campus Interview is maintained by the placement cell officer.</td><td>Yes</td></tr>
<tr><td>10.4</td><td>Alumni Association Activities</td><td>Alumni Association Meeting was held twice a year.
Our alumni students served as judges for various competitions on campus.
Our alumni Mrs. Belina Xavier, Associate Controller of Examination, Associate Professor, and former head of the Department of Physics, Stella Maris College gave a special lecture on the “A-Z role of Teacher” during the student induction programme on 4th October 2023.</td><td>Yes</td></tr>
<tr><td>10.5</td><td>Grievance Redressal Cell</td><td>Awareness programmes on guidelines for redressal of student grievances by Dr. Jain Shanthini, Dean of Student Affairs, SMCE.</td><td>Yes</td></tr>
<tr><td>10.7</td><td>Anti-Ragging cell</td><td>Anti-ragging committee meeting was held twice a year.
Organized awareness programme on Anit-Ragging for the I year B.Ed. students.</td><td>Yes</td></tr>
</table>

		• Monitoring anti-ragging activities in the college as well as in the hostel.	
10.8	Special Lectures	• A special talk on "Sustainable Practices" was organized on 5th June 2023 for the I-year B.Ed. students. • An awareness talk from BHUMI foundation on "Enhancing Life Skills" was organised for I year B.Ed. students on 12th December, 2023. • Ms. Regina, CEO of England Cafe addressed the students on "Menstrual Hygiene" on 4th January, 2024. • Members of BHUMI foundation addressed the students on "Social and Emotional Learning" on 9th January, 2024. • An orientation programme on TET was organized for the II year B.Ed. Students by Mr. Varatharajan from Dhrona Foundation on 10th January 2024. • Mrs. Meenakshi from CSS Corporation addressed the II Year students on "Career Guidance" on 10th January, 2024. • Talk on "Gender Dysphonia" was given by Ms. Nalina (Transgender) on 10th January, 2024. • The II year B.Ed. students attended the "Ayallar Tamil Day" organized by Tamil Nadu Sports Ministry through online mode on 11th January, 2024. • "Entrepreneur Training Programme" by Mrs. Rajeswari, Managing Director, Ammu Naturals from Care Heart Foundation on 29th January 2024. • TET coaching and Certificate course on "Dyslexia" commenced on 1st February, 2024. • A session on "Revolutionizing Education and Economic Development" by Mrs. Bhuvaneshwari from Blockchain and Crypto Currency consultant on 7th February, 2024. • Session on "Social and Emotional Learning" by BHUMI foundation on	**Yes** **Yes**

		16th February 2024. • Career guidance programme was organized on 12th March 2024. • Lecture on "Preserving the Blue Lifeline" by Mr. V. Murugesan, Director from Future-tech on 22nd March 2024. • Career guidance programme on "Professional Skills" for II years by Mrs. Reena Metilda on 26th March 2024. • A lecture on "Save the Earth" by BHUMI Foundation on 22nd April, 2024. • The students were addressed on "Right to Education" by Mr. Raja, S. Pandian from BHUMI (NGO) on 29th April, 2024.	
10.9	Awards received by the faculty	❖ Received "Vocational Excellence Award" from the Rotary Club of Chennai Crown has been awarded in honour of the following faculties: • Rev. Dr. Sr. Ruby Alangara Mary – Secretary of the College • Dr. Mrs. Joseph Catherine – Principal of the College • Dr. A. Alma Juliet Pamela – Associate Professor • Dr. K. A. Sheeba – Associate Professor • Dr. J. Jain Shanthini – Directress of Physical Education • Dr. P. Caroline Jeba Sorna – Asst. Prof. of Mathematics • Dr. B. Annapoorani - Asst. Prof. of Tamil • Dr. J. Annapriya - Asst. Prof. of History	**Yes**

		• Mrs. J. Rubina - Asst. Prof. of Psychology • Dr. Sr. Irudhaya Mary - Asst. Prof. of English • Dr. S. Arockia Elizabeth Josephine - Asst. Prof. of Biological Science • Dr. Sr. V. Sheeja Vayola - Asst. Prof. of Education • Dr. C. Bagyalakshmi - Asst. Prof. of Tamil • Dr. Sr. Nirmala Grace Rani - Asst. Prof. of Computer Science • Sr. Pauline Mary - Asst. Prof. of Education ❖ Best Faculty Paper Award "Empowering Women in Sustainable Development" by Mrs. J. Rubina - Asst. Prof. of Psychology ❖ Aasiriya Chemmal Award for Best Teacher by Dr. P. Caroline Jeba Sorna – Asst. Prof. of Mathematics	

XI - GOVERNANCE AND LEADERSHIP

	Item	Details	Status
11.1	Functioning of Committees in Administration and Minutes of the various committee meetings	The College has the following Committee: i. Admission Committee ii. Planning and Evaluation Committee iii. Examination Committee iv. Academic Audit Committee v. Curriculum Development Committee vi. Grievance Redressal Committee vii. Library Committee viii. Students Welfare and Monitoring Committee ix. Anit-Ragging Committee x. Anti-Sexual Harassment Committee xi. Finance Committee xii. Student Induction Committee xiii. Website Development Committee xiv. Magazine Committee xv. Calendar Committee xvi. Scholarship Committee xvii. Research and Development Committee xviii. Women's Cell xix. Placement Cell/ Career Guidance xx. Parents-Teacher Association xxi. Alumni Association xxii. Youth Red Cross xxiii. Red Ribbon Club xxiv. ECO-Club xxv. National Service Scheme (NSS)	**Yes**

11.2	Awards / Achievements by the institution	❖ Received Certificate of Appreciation for NSS activities by TNTEU on 15th August 2023. ❖ Received "**Van Mahotsav**" award from TNTEU ❖ Received **"Social Responsibility Award**" from BHUMI NGO.	**Yes**
11.3	Whether financial auditing is conducted every year	The financial audit is being conducted every academic year.	**Yes**
11.4	Implementation of e-governance in various areas of the institution	• Planning and development • Administration • Finance and accounts • Student admission and support • Examination system • Digital attendance for students	**Yes**

XII – INFORMATION TECHNOLOGY INITIATIVES

	Item	Details	Status
12.1	e-classrooms	Classrooms are provided with Projectors and Smart Boards	**Yes**
12.2	No. of computers – for faculty	18	**Yes**
12.3	No. of computers– for office	13	**Yes**
12.4	No. of computers – for students	61	**Yes**
12.5	Total No. of computers in working condition	66	**Yes**
12.6	No. of computers – research scholars	Research Scholars are provided with computers at Ravels Research Center.	**Yes**
12.7	Micro Teaching Lab	The lab is well-equipped and properly maintained and the students practice their micro-teaching skills.	**Yes**
12.8	Instructional studio	The college possesses a well-equipped instructional studio, utilized extensively by both teachers and students. This space enhances learning through hands-on experience and creative projects, fostering innovation and collaboration. The studio's advanced resources support a variety of educational activities, to the academic community.	**Yes**

Suggestions

- To obtain suggestions about the curriculum from the B.Ed. and M.Ed. students for the improvement and refinement based on the present scenario
- To frame open ended questions while obtaining suggestions from the B.Ed. and M.Ed. students regarding changes in the curriculum
- To motivate the B.Ed. students towards their advancement in the teacher internship, maintaining a reflective diary during their internship in schools to be incorporated in the current academic year.

Catherine 23/7/24.
Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai-600 083

STELLA MATUTINA COLLEGE OF EDUCATION
Chennai - 600 083.
ASHOK NAGAR

Rita 23/7/24

Dr. RITA RANI MANDAL
M.A. (Pub. Adm)., M.A. (Eng)., M.Phil Eng)., M.Ed., M.Sc (Psy)., M.Phil (Edn., Ph.D.,
Associate Professor, Education English
Lady Willingdon IASE (Autonomous)
Chennai-600 005, Tamilnadu, India.

K. Saikumari
23/7/2024

Dr. K. SAIKUMARI, M.Sc., M.Ed., M.Phil., Ph.D.,
Associate Professor in Biological Science,
Institute of Advanced Study in Education,
Saidapet, Chennai - 600 015.

STELLA MATUTINA COLLEGE OF EDUCATION (AUTONOMOUS)

ASHOK NAGAR, CHENNAI – 600 083

STUDENT SATISFACTION SURVEY

ANALYSIS AND ACTION TAKEN REPORT

ACADEMIC YEAR 2023 – 2024

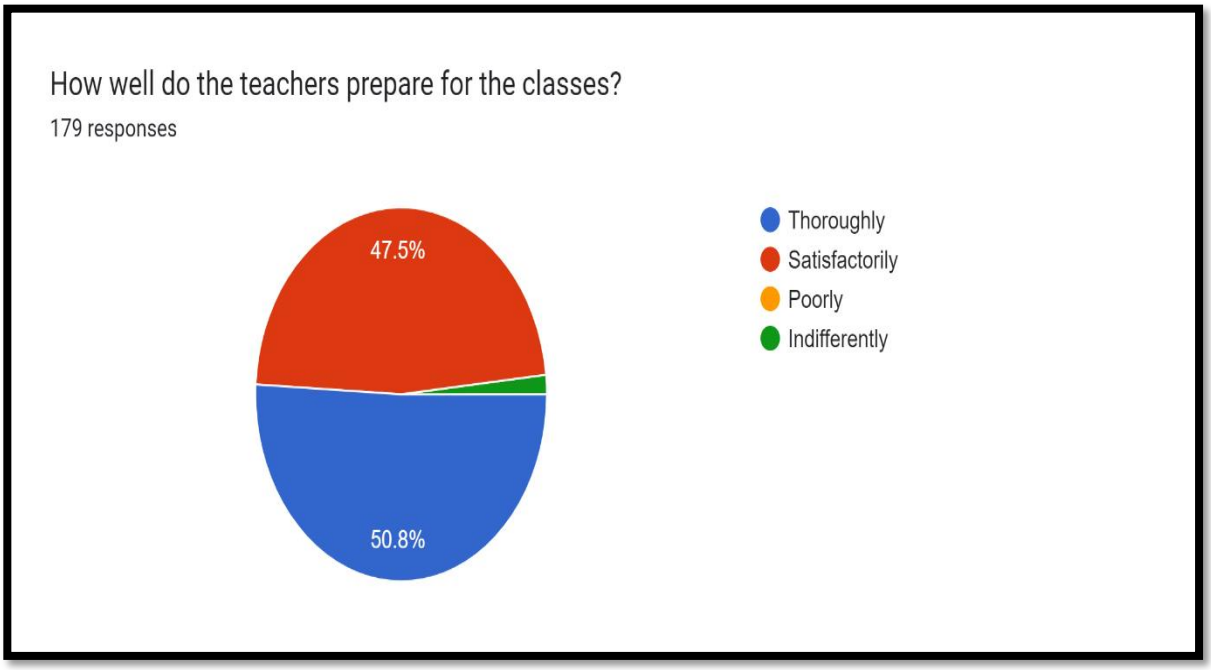
Student Satisfaction Survey Questionnaire with Average Score

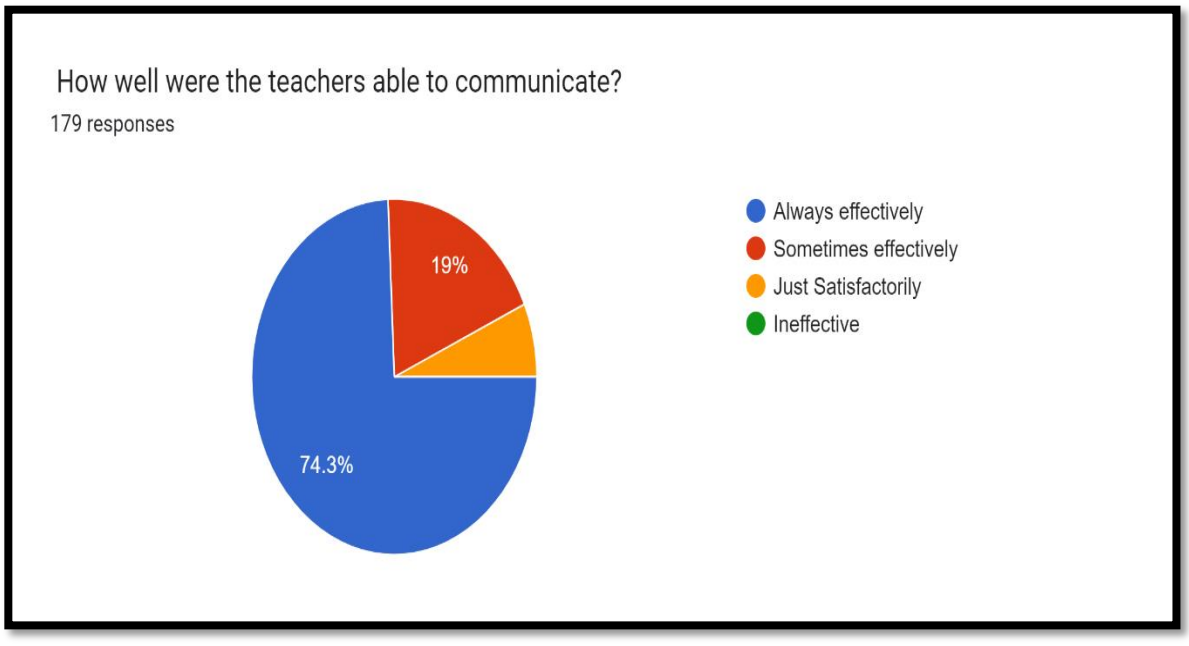
Q.No.	Questions	Options
1	How well do the teachers prepare for theclasses?	Thoroughly (50.8%)
		Satisfactorily (47.5%)
		Poorly (0.6 %)
		Indifferently (1.7 %)
2	Does the Curriculum enable you to get adequate knowledge in the relevant areas	Yes (98.3 %)
		No (1.7 %)
3	How well were the teachers able to communicate?	Always effectively (80.3 %)
		Sometimes effectively (18 %)
		Just Satisfactorily (1.7 %)
		Ineffective
4	The teacher's approach to teaching can best bedescribed as	Excellent (58.1 %)
		Good (41.3 %)
		Fair (0.6%)
		Poor
5	The assessment during internship is done inregular intervals.	Excellent (48.6 %)
		Good (48.6 %)
		Fair (2.8 %)
		Poor
6	The pre-preparation for internship isadequate.	Excellent (48%)
		Good (47.5 %)
		Fair (4.5 %)
		Poor
7	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	Every Time (50.3%)
		Always (40.2%)
		Usually (6.7%)
		Occasionally (2.8 %)
8	Your mentor does a necessary follow-up withan assigned task to you.	Every Time (37.4%)
		Always (37.6 %)
		Usually (11.7 %)
		Occasionally (3.4 %)

9	The teachers illustrate the concepts throughexamples and applications.	Every Time 45.8%
		Always 41.9%
		Usually 9.5 %
		Occasionally 2.8 %
10	Was your performance in assignmentsdiscussed with you?	Every Time 38.5%
		Always 46.4%
		Usually 11.2 %
		Occasionally 3.9%
11	The teachers identify your strengths andencourage you.	Every Time 40.2%
		Always 45.3 %
		Usually 12.3%
		Occasionally 2.2%
12	The institution encourages students to participate in Co-curricular activities and Sports	Every Time 47.5%
		Always 44.1%
		Usually 7.3%
		Occasionally 1.1%
13	What percentage of teachers use ICT tools such as Smart board, LCD projector,Multimedia etc. while teaching?	Above 90% 49.2%
		70 to 89% 45.8%
		50 to 69% 5%
		30 to 49%
14	Fairness of the internal evaluation process bythe teachers.	Always Fair 46.4%
		Usually Fair 46.4%
		Sometimes Fair 7.3%
		Sometimes Unfair
15	The institution takes active interest in promoting internship, organizing various workshops, seminars and field visit opportunities for students	Regularly 74.3%
		Often 21.8%
		Sometimes 2.8%
		Rarely 1.1%
16	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.	Significantly 41.9%
		Very Well 50.8%
		Moderately 6.7%
		Marginally 0.6%

17	The institution provides multipleopportunities to learn and grow.	Strongly agree 51.4%
		Agree 43.6%
		Neutral 3.9%
		Disagree 1.1%
		Strongly disagree
18	The teacher educators use student centric methods, such as experiential learning, participative learning and problem-solvingmethodologies for enhancing learning experiences.	To a great extent 60.3%
		Moderate 36.3%
		Somewhat 1.1%
		Very Little 2.2%
19	Efforts are made by the teacher educators toinculcate soft skills, life skills and employability skills to make you ready for the world of work	To a great extent 60.9%
		Moderate 34.1%
		Somewhat 2.8%
		Very Little 2.2%
20	The college provides a conducive atmosphere for teaching –learning processto a great extent.	To a great extent 64.8%
		Moderate 33%
		Somewhat 2.2%
		Very Little
21	The college provides free wi-fi and high end computer facilities for Research.	To a great extent 41.3%
		Moderate 39.1%
		Somewhat 11.7%
		Very Little 7.8%
22	The college provides clean atmosphere andwater facilities all through the year.	To a great extent 76.4%
		Moderate 19.1%
		Somewhat 3.9%
		Very Little 0.6%
23	The college provides clean atmosphere and water facilities all through the year.	To a great extent 66.5%
		Moderate 27.9%
		Somewhat 3.9%
		Very Little 1.7%
24	All the classrooms in the institution are equipped with LCD projectors	To a great extent 57%
		Moderate 34.1%

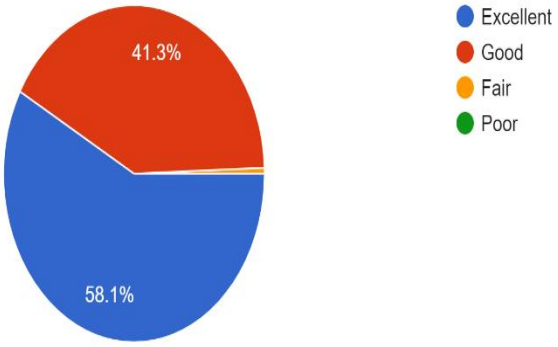
		Somewhat 5.6%
		Very Little 3.4%
25	There are respective Laboratory facilities forPsychology, Language and Sciences	Significantly 42.5%
		Very Well 48.6%
		Moderately 8.4%
		Marginally 0.6%





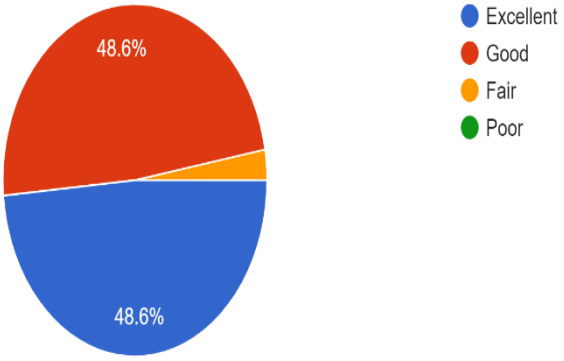
The teacher's approach to teaching can best be described as

179 responses



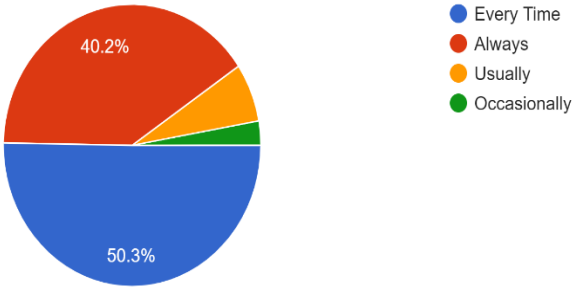
The assessment during internship is done in regular intervals.

179 responses



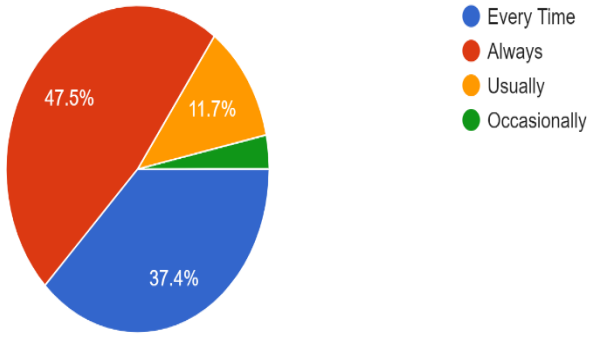
Teachers inform you about your expected competencies, course outcomes and programme outcomes.*

179 responses



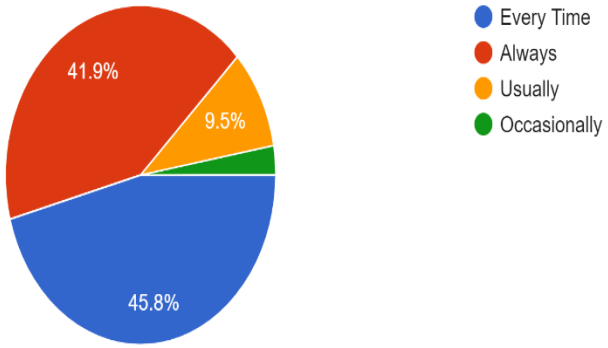
Your mentor does a necessary follow-up with an assigned task to you.

179 responses



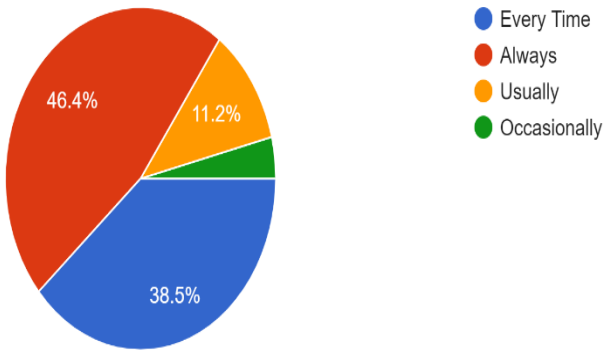
The teachers illustrate the concepts through examples and applications.

179 responses



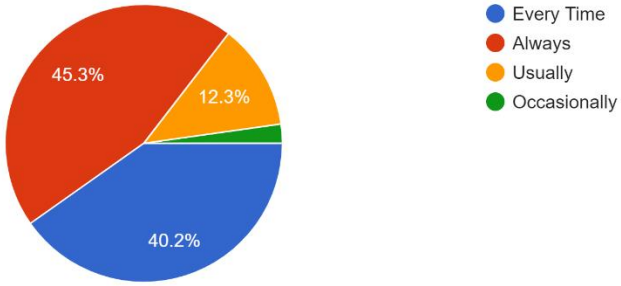
Was your performance in assignments discussed with you?

179 responses



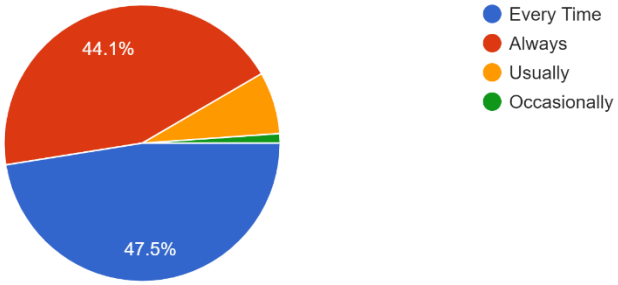
The teachers identify your strengths and encourage you.

179 responses



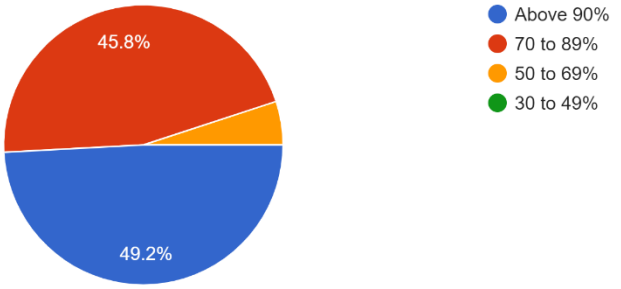
The institution encourages students to participate in Co-curricular activities and Sports.

179 responses



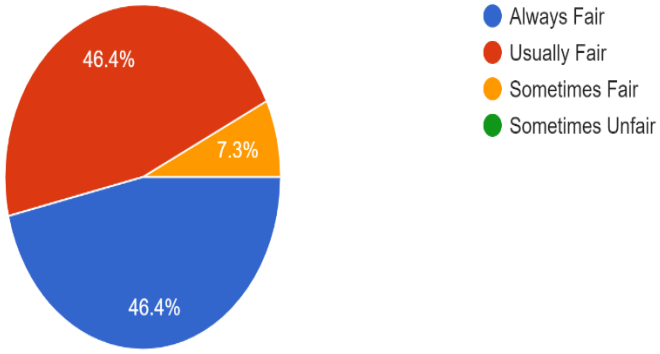
What percentage of teachers use ICT tools such as Smart board, LCD projector, Multimedia etc. while teaching?

179 responses



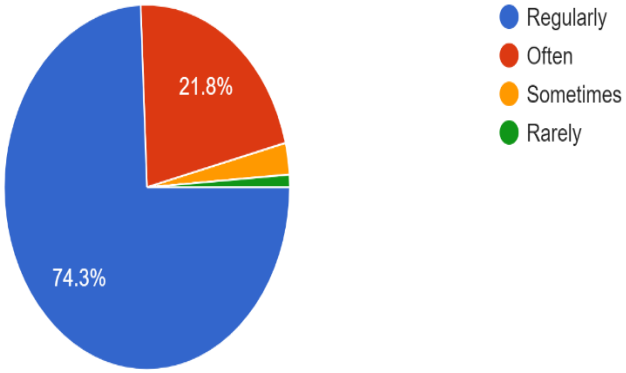
Fairness of the internal evaluation process by the teachers.

179 responses



The institution takes active interest in promoting internship, organizing various workshops, seminars and field visit opportunities for students

179 responses



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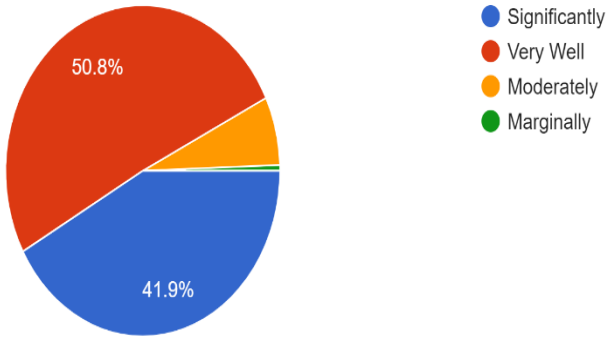
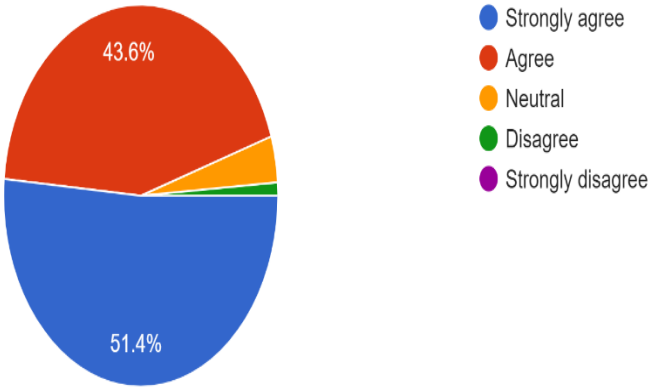


The institution provides multiple opportunities to learn and grow.

179 responses



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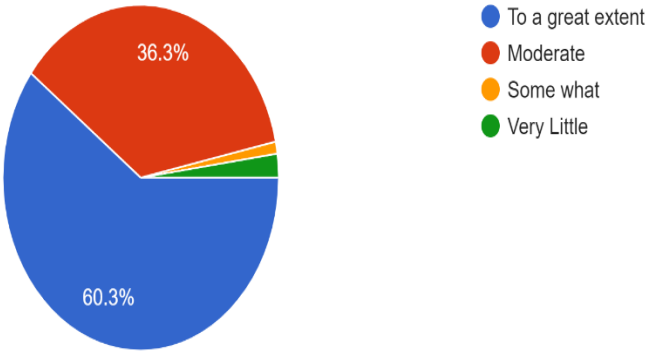

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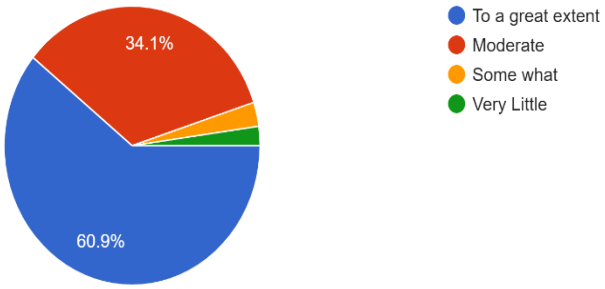

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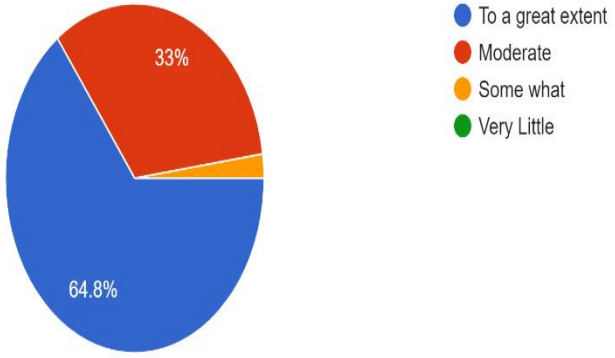
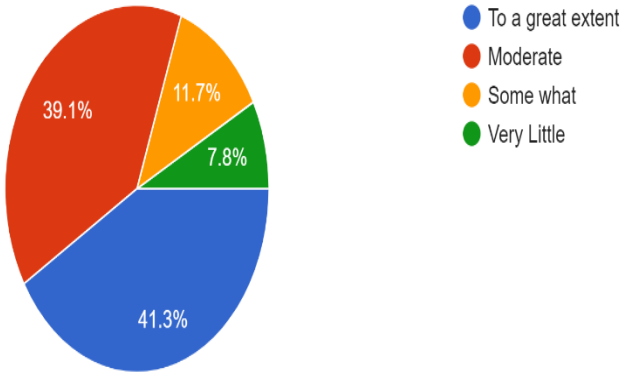
179 responses



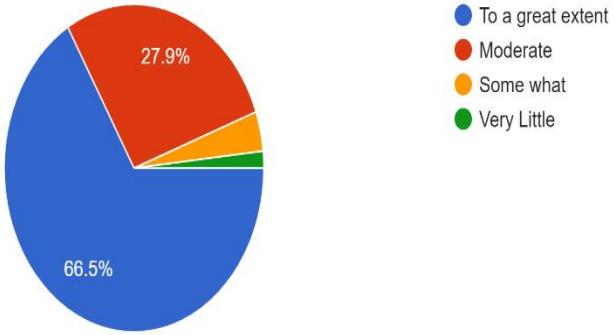
The college provides free wi-fi and high end computer facilities for Research.

179 responses



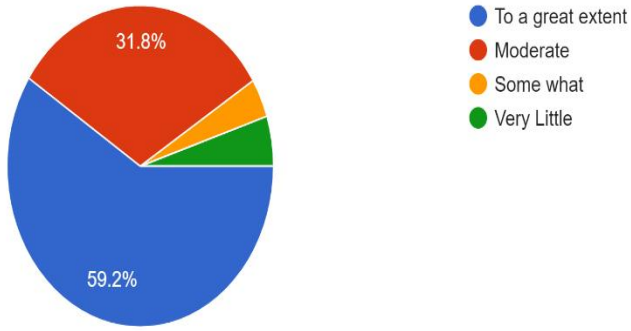
The college provides clean atmosphere and water facilities all through the year.

179 responses



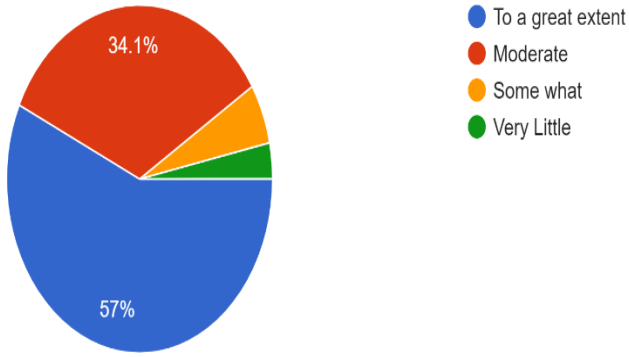
The Library facility is provided with inflibnet, books and journals.

179 responses



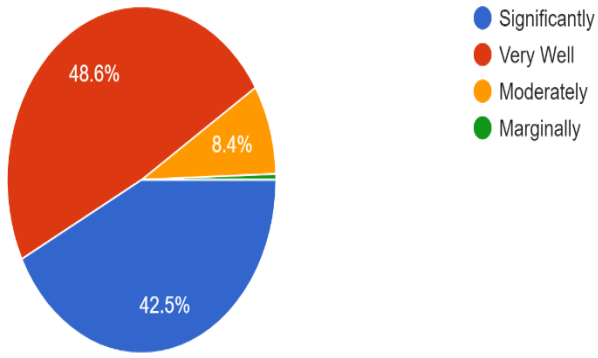
All the classrooms in the institution are equipped with LCD projectors.

179 responses



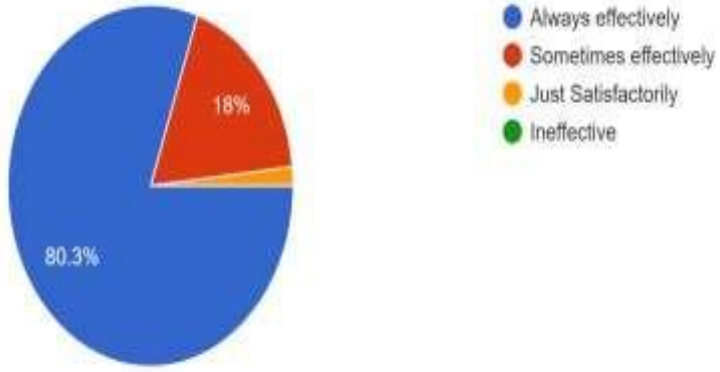
There are respective Laboratory facilities for Psychology, Language and Sciences.

179 responses



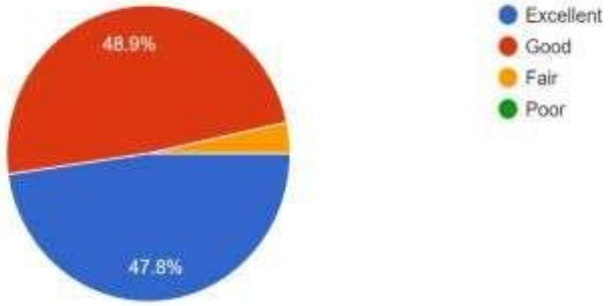
How well were the teachers able to communicate?

178 responses



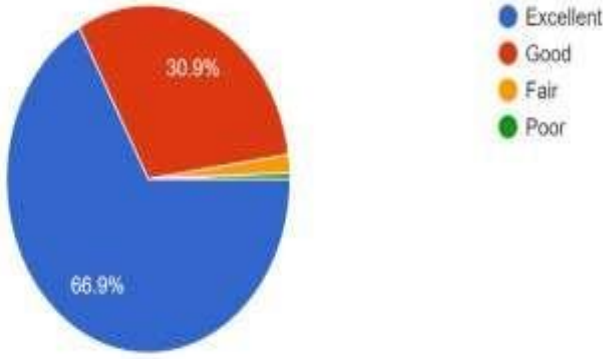
The assessment during internship is done in regular intervals.

178 responses



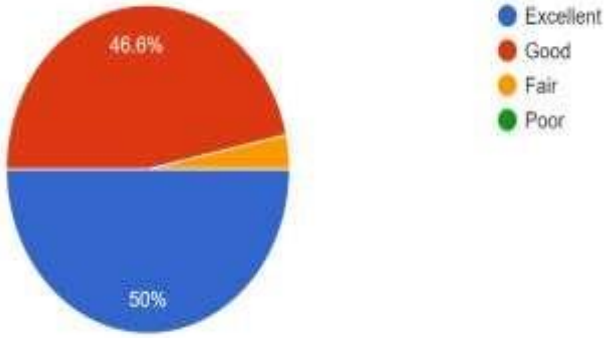
The teacher's approach to teaching can best be described as

178 responses



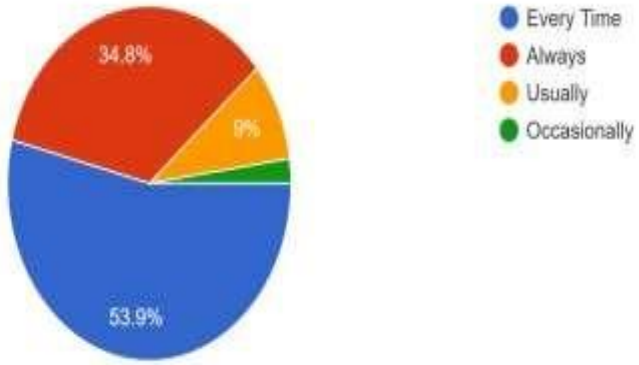
The pre-preparation for internship is adequate.

178 responses



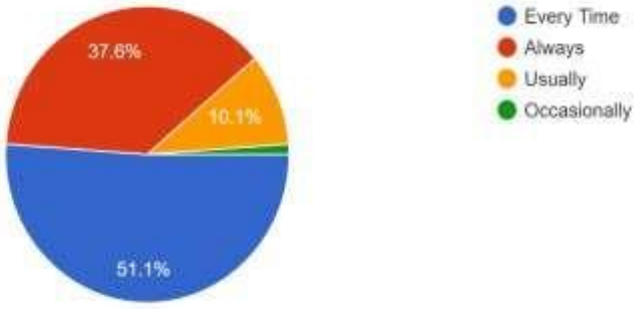
Teachers inform you about your expected competencies, course outcomes and programme outcomes.*

178 responses



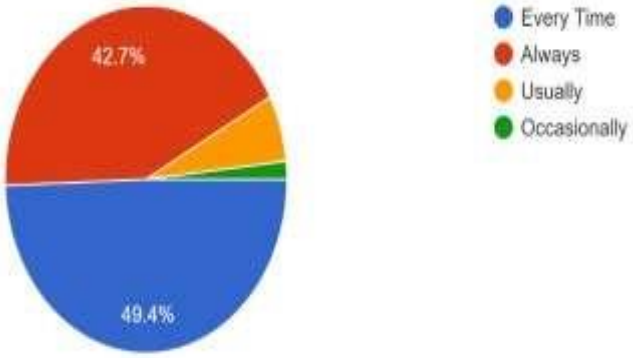
Your mentor does a necessary follow-up with an assigned task to you.

178 responses



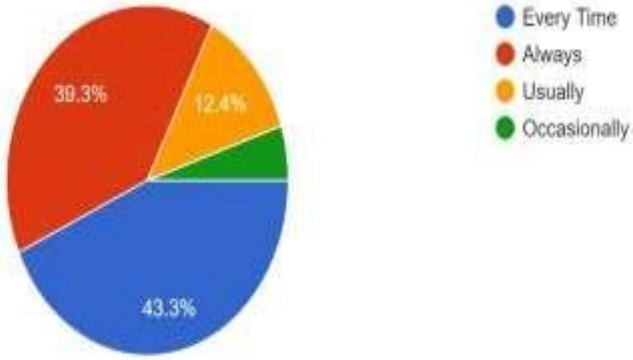
The teachers illustrate the concepts through examples and applications.

178 responses



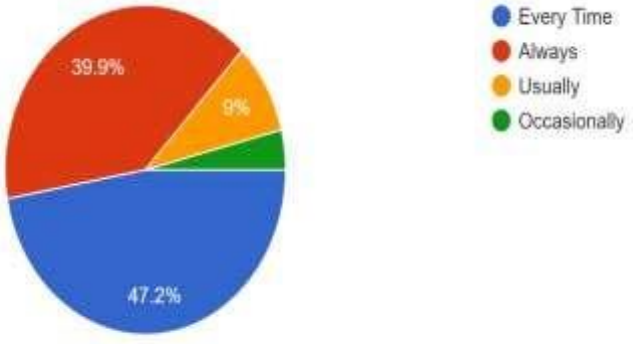
Was your performance in assignments discussed with you?

178 responses



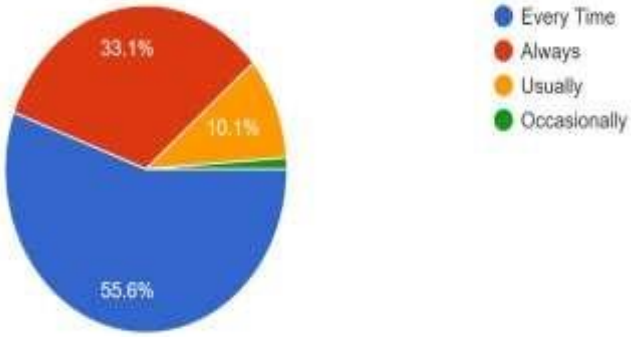
The teachers identify your strengths and encourage you.

178 responses



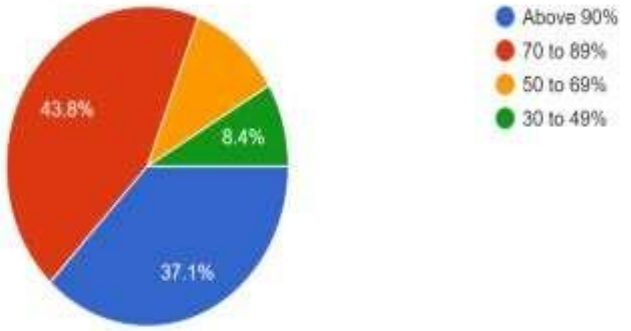
The institution encourages students to participate in Co-curricular activities and Sports.

178 responses



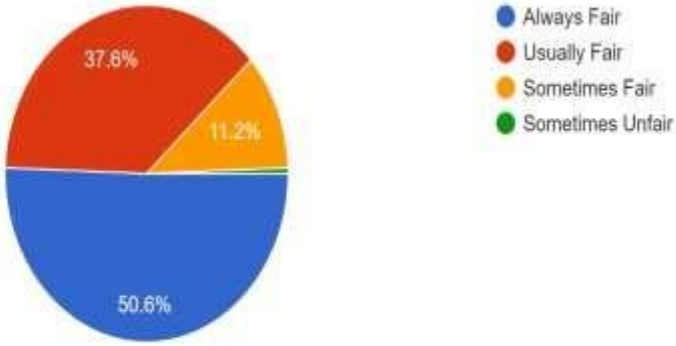
What percentage of teachers use ICT tools such as Smart board, LCD projector, Multimedia etc. while teaching?

178 responses



Fairness of the internal evaluation process by the teachers.

178 responses



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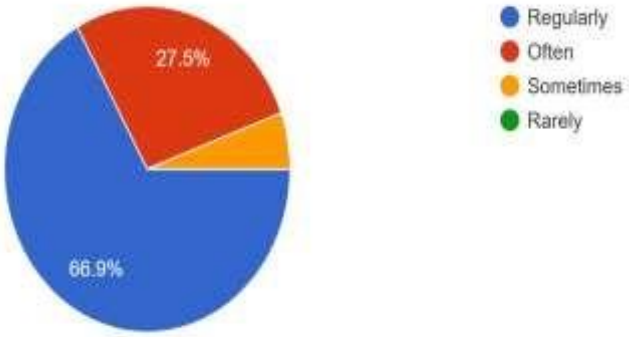

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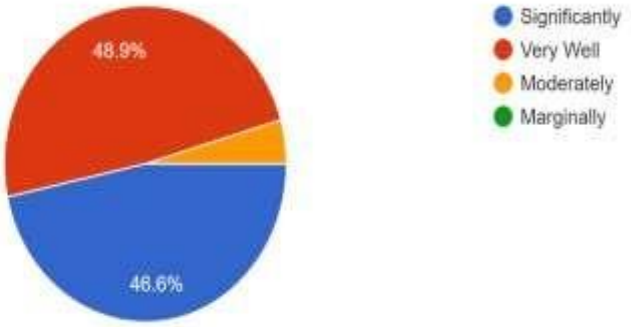

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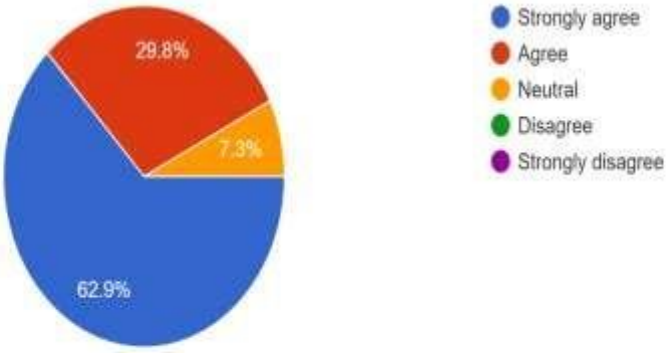

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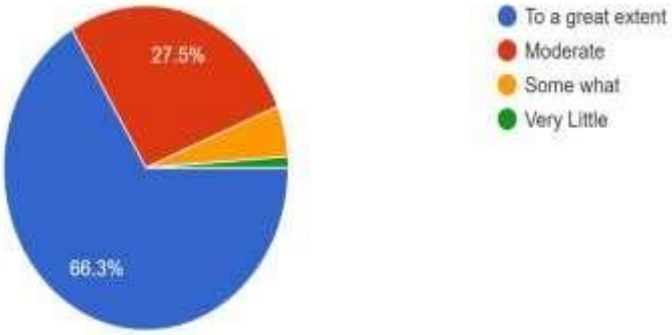

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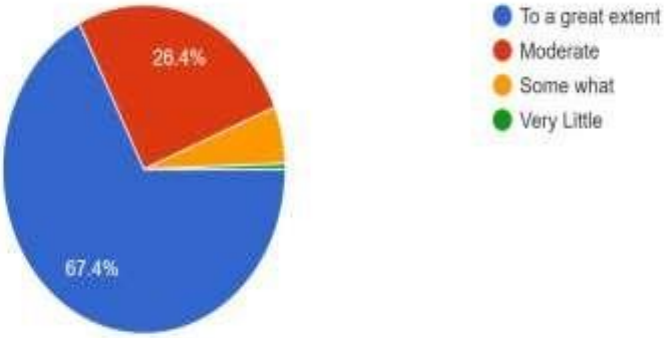

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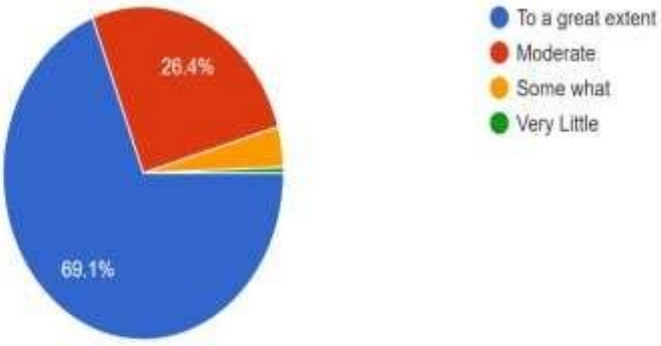
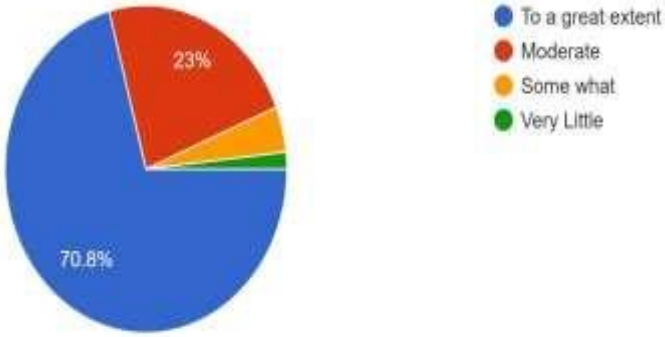


The college provides high end computer facilities for learning.

178 responses



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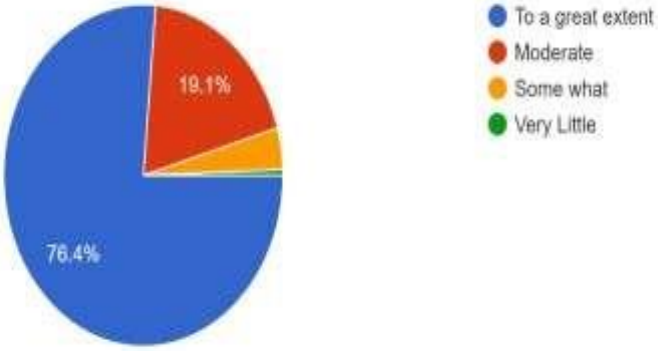

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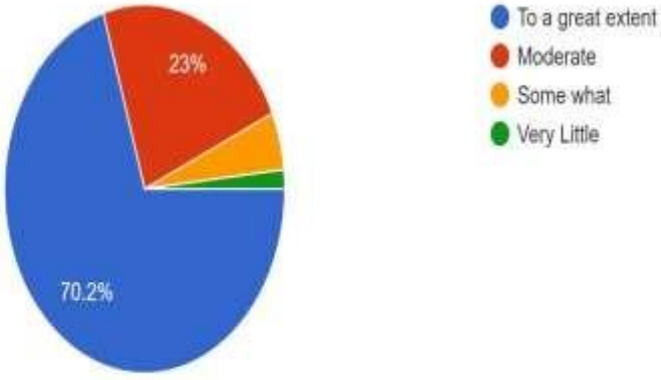

Observation & Suggestions to Improve the Overall Teaching Learning Experience

A structured questionnaire was administered to the students through Google Forms, with their responses systematically recorded and documented in an Excel spreadsheet. The collected data were analyzed using various graphical representation techniques to extract meaningful insights. Based on the feedback obtained, the majority of students expressed a positive perception of the teaching and learning process. They acknowledged being offered a wide array of opportunities to engage in diverse activities, both academic and extracurricular, that contributed significantly to their overall knowledge acquisition.

In terms of the use of information and communication technology (ICT) in education, a notable portion of students highlighted that while technology is being utilized, only a limited number of teachers demonstrate advanced proficiency in applying ICT tools effectively. Despite this, students expressed satisfaction with the institution's efforts to provide a robust and dynamic learning environment. The feedback emphasized their contentment with the quality of education, opportunities for engagement, and the overall learning platform offered by the institution, which fosters both academic excellence and holistic development.

Principal
Stella Matutina College
of Education
Ashok Nagar,
Chennai - 600 083

Regd. No. 114/2017

NATURE SCIENCE FOUNDATION

[A Unique Research and Development Centre for Society Improvement]
Coimbatore 641 004, Tamil Nadu, India.
[www.nsfonline.org.in]

Inspection Certificate

This is to certify That Stella Matutina College of Education, Chennai - 600 083, Tamil Nadu, India has implemented ecofriendly sustainability practices in line with National Building Code of India Part 11 (Approach to Sustainability) inspected on 19.09.2023. This certificate is valid for the following scope of activities.

1. Green Audit
2. Environment Audit
3. Energy Audit

Certificate No.: NSF/PR/ACERT/2023/04
Date of Inspection: 19.09.2023

Dr. S. Rajalakshmi
Chairman

Dr. D. Vinoth Kumar
Director

No. 2669, LIG-II, Gandhi Managar, Peelamedu, Coimbatore - 641 004, Tamil Nadu, India.
Phone: 0422 4917999; Mobile: 95667 77255; 95667 77258
Email: director@nsfonline.org.in

Report of Green, Environment and Energy Audits

Submitted to

STELLA MATUTINA COLLEGE OF EDUCATION, CHENNAI-600 083, TAMIL NADU, INDIA

Date of Audit: 19.09.2023

Regd. No. 114 / 2017

Submitted by

NATURE SCIENCE FOUNDATION

(A Unique Research and Development Centre for Society Improvement)
[ISO Certified and Ministry of MSME Registered Organization]
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Email : directornsf@gmail.com, director@nsfonline.org.in, Website : www.nsfonline.org.in
Office : 0422 - 2510006, Mobile : 95667 77255, 95667 77258.

Dr. S. RAJALAKSHMI, M.B.A., Ph.D., FNSF., Chairman
Mr. P. KANAGARAJ, FNSF., Secretary

Certificate of Declaration

The **Office of Nature Science Foundation**, Coimbatore, Tamil Nadu declare that

1. Nature Science Foundation has conducted onsite green audit at ***Stella Matutina College of Education, Chennai-600 083, Tamil Nadu, India*** by deputing certified Lead Auditors and Technical Experts.
2. On the basis of audit observations by the auditors and pertinent data collected from the Auditee, the Technical Report has been prepared and being submitted.
3. Data presented in the Technical Report are verified and to best of our knowledge, the data are authentic and reliable.
4. Nature Science Foundation declares that data generated were not shared with any third parties and the soft copy of the report is available with Nature Science Foundation's Office.
5. Provided the Auditee desired to publish or share the data with other agencies, Nature Science Foundation has no conflict of interest.

Date:
Place: Coimbatore

Authorized Signatory
Nature Science Foundation

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1. GENERAL INTRODUCTION

1.1. Introduction

Green campus is an area of the Organization or the Organization as a whole itself contributing to have an infrastructure or development that is structured/planned to incur less energy, less water, less or no CO_2 emission and less or pollution free environment. Green Audit is a tool to evaluate environment management system which is systematically executed to protect and preserve the environment. Green audit constitutes the environmental friendly practices and education combined to promote sustenance of green environment by adopting user-friendly technology within the campus. It creates awareness on environmental ethics, resolves environmental issuesand offers solutions to various social and economic needs. It strengthens the concept of 'Green Building' and 'Oxygenated Building' which in turn provides a healthy atmosphere to the stakeholders.

1.2. Environment Friendly Campus

As stated earlier, Organization is liable to provide an eco-friendly atmosphere along with good quality of drinking water facility to all the stakeholders. Manuring the cultivated plants/grown within the campus may applied with organic manure, cow dung, farmyard manure and vermicompost instead of using chemical fertilizers. All non-compostable and single-use disposable plastic items, plastic utensils, plastic straws and stirrers should be avoided. Demonstration / awareness programme on establishing plastic-free environment and utility of organic alternatives for all incoming and current students, staff and faculty should be organized. Reduction of use of papers alternated with e-services, e-circulars, etc., and proper disposal of wastes, recycling and suitable waste management system should be considered to establish environment friendly campus.

The term 'auditing' is to examine the management practices and to evaluate performance of an organization in relation to environmental issues. World along with Associated Chambers of Commerce and Industry of India (ASSOCHAM), Green Building Council (IGBC) and Green Ratings Systems (GBCRS), Green Rating for Integrated Habitat Assessment (GRIHA), Bureau of Energy Efficiency(BEE), Leadership in Energy and Environmental Design (LEED), CII-GreenCo –GreenCo Rating System (CII-GRS), Food Safety Management System & OccupationalSafety & Health (FSMS), Swatch Bharath under India Clean Mission (SBICM) and International Standard Organization (ISO 2021) have formulated a series of standards in the field of environmental auditing. These standards are basically intended to guide organizations and auditors on the general principles common to the execution of environmental audits.

1.3. About Nature Science Foundation (NSF)

NSF is the ISO QMS (9001:2015), EMS(14001:2015), OHSMS (45001:2018) and EnMS (5001:2018)Certified and registered with Ministry of Micro, Small and Medium Enterprise (MSME), Government of India Organization functioning energetically towards the noble cause of nature conservation and environmental protection. NSF is managed by a Board of Trustees which is a Public Charitable Trust registered under the TN Societies registration Act 1975 (TN Act 27 of 1975) on 29th November, 2017 at

Peelamedu, Coimbatore 641 004, Tamil Nadu, India with Certificate of Registration No. 114 / 2017. In addition, NSF has 12AA, 80G and Form 10AC certificates for income tax exemption and implanting various Government schemes. The main motto of the NSF is 'Save the Nature to Save the Future' and 'Go Green to Save the Planet'.

1.4. About the Organization

Stella Matutina College of Education

Stella Matutina (Morning Star) College of Education, with the motto "Attain Truth by the Path of Love", was started by the Franciscan Missionary of Mary in 1961 for the formation and training of teachers and was handed over to the Franciscan Sisters of the Presentation of Mary, Coimbatore in 1977. The college offers B.Ed., M.Ed., M. Phil, and PhD. Degree courses. The college had a humble beginning with 60 students and six teachers. The college has been given due approval by NCTE for a B.Ed intake of 200 students and an M.Ed intake of 50 students from 2015 – 16. SMCE accomplished 50 years (golden jubilee) of Academic Service in 2010 and 60 years (diamond jubilee) in 2021. "Every action of our lives touches on some chord that will vibrate in eternity". Pioneering the cause of teacher education in Chennai city, the institution has grown in leaps and bounds and has imprinted a "Excellence in Teacher Preparation" mark. Stella Matutina is a college of Education with a difference. Our educational objectives are embedded and cemented in human and spiritual values. However, it continues to be an affiliated College of Tamil Nadu Teachers Education University. It is autonomous because it is free to frame its courses of study and adopt innovative teaching and evaluation methods.

1.5. Audit Detail

1.	**Date of Audit**	**:**	**19.09.2023**
2.	**Audit Site**	**:**	**Stella Matutina College of Education** Chennai-600 083, Tamil Nadu
3.	**Inspection Body**	**:**	**Nature Science Foundation** Coimbatore, Tamil Nadu, India.
4.	**Audit Scope**	**:**	**Green, Environment and Energy Audits**
5.	**Name of the Auditing Chairman**	**:**	**Dr. S. Rajalakshmi** ISO QMS, EMS and EnMS Certified Lead Auditor, Founder & Chairman of NSF.
6.	**Name of the Auditing Team Leader**	**:**	**Ms. V. Sri Santhya** ISO QMS, EMS and EnMS Certified Lead Auditor, Assistant Director & Programme Manager, NSF.
7.	**Name of the Lead Auditor for Green Audit**	**:**	**Dr. R. Mary Josephine** ISO EMS and EnMS Certified Lead Auditor.
8.	**Name of the Lead Auditor for Environment Audit**	**:**	**Ar. N. M. Pradeep Kumar** ISO EMS and IGBC Certified Lead Auditor.
9.	**Name of the Lead Auditor for Energy Audit**	**:**	**Er. A. Karthik** Bureau of Energy Efficiency Certified Auditor.

2. GREEN AUDIT

2.1. Introduction

Green audit ensures the Organization's campus should have greenish with large diversity of trees, herbs, shrubs, climbers and lawns to reduce the environmental pollution and soil erosion; it is also useful in relation to biodiversity conservation, landscape management, irrigation/economic water utilization and maintenance of natural topography besides vegetation. For the benefit of stakeholders, solid waste management, recycling of water, disposal of sewage and waste materials (electronic and biomedical wastes), 'zero' use of plastics, single use plastic items, etc. should be followed consistently in the organization campus. Green Audit procedures includes the definition of green audit, methodology on how to conduct green audit at Educational Institutions and Industrial sectors.

2.2. Importance of green audit

The Management of the Organization (Auditee) should be exposed their inherent commitment towards making ecofriendly atmosphere through the green auditing and ready to encourage/follow all types of green activities. A clean and healthy environment will enhance an effective teaching/learning process. They shouldcreate the awareness on the importance of greenish initiatives through environmental education among the student members and research scholars. Green audit is the most effective, ecological approach to manage environmental complications (Rajalakshmi *et al*., 2023). Green audit is a kind of professional care and a simple indigenized system about the environment monitoring in terms of planting more number of trees which is a duty of each and every individual who are the part of economical, financial, social and environmental factors. Green audit is a professional and useful measure for an Organization to determine how and where they are retaining the campus eco-friendly manner. It can also be used to implement the alleviation measures at win-win situation for the stakeholders and the planet. It provides an opportunity to the stakeholders for the development of ownership, personal and social responsibility.

2.3. Green audit observations

- It is observed that the Organization has facilities (ramp walk , lift etc.,) for disabled and different age group people.
- Adequate training and awareness programmes are conducted to the Stakeholders for sustainable development at all stages of building life cycle.
- More than 30% of open space is maintained as soft scapes (vegetation) to lower the energy conservation in the campus.
- Land scape design are planned to maintain the natural capacity of the site.
- Land scape irrigation are performed as per the microclimatic condition like during humid / winter season less watering through irrigation is observed.
- Vegetation / vegetative structures are available around the building to reduce energy consumption and maintain indoor climates.
- Ornamental garden and green roof system are available to maintain sustainability.

2.3.1. Facilities for Human Comforts

As per the ISO Standards under elements of sustainability quality of plumbing services and buildings are maintained in line with the standard. Ramp walk and Wheel chair facilities are implemented for the benefit of disabled and different age group people.

Wheel Chair and Ramp walk facilities available for the comfort of person with disability.

2.3.2. Natural topography, vegetation and monitoring

Natural topography means the original geographical features and natural resources of the Site. It is observed that the organization has the natural features like rocks, water resources, slopes, landscape, pathways, etc. Vegetation is the cultivation of a bunch of plants irrespective of the plant *taxa* for the covering of the area or ground topography. The observation at the campus indicated that there are more than 40% natural topography and vegetation. Monitoring plan for maintaining the vegetation and sustainability are evident through separate operation and maintenance team & their records for regular watering as per the micro climatic condition through irrigation.

Natural Topography and Vegetation at the Campus

2.3.3. Landscape design and soil erosion control

Landscape design is an important feature for any disasters to control especially with respect to the soil erosion. In general, soil erosion occurs if the design of the land is not altered so as to prevent the slope features by strong vegetation and use of a plant

buffer zone as safe for escape of nutrients or fertilizers entering the streams. Observation revealed that the audited site has very good landscape design without disturbing the natural vegetation. Contour ploughing is being done at right angles to the slope wherever possible and ridges and furrows are properly maintained to break the flow of water down to the empty land. These activities are widely adopted to control soil erosion in the campus. Microclimatic conditions are considered, during winter season irrigation and watering to plants are controlled as per the water management plan. External landscapes are designed based on the shading pattern of the building. Green vegetation are available around the building to reduce the energy consumption.

2.3.4. Establishment of different gardens, vertical landscaping and roof gardens

It is observed that Organization has implemented and maintaining gardens to lower the energy consumption. To maintain certain biomass critical for human health and also to reduce the bio-retention through water flow rates different types of gardens like ornamental garden is implemented in the campus.

Ornamental Garden observed in the Campus

2.3.5. Survey of Flora and Fauna

Ensuring the rich biodiversity in the green campus is an important parameter which reflects the real-time ecosystem. In general, plants improve the outdoor air quality with increased oxygen levels and reduced temperature and carbon dioxide. The record on maintenance of the plant biomass and its management are important with respect to green campus initiatives. The existence of such plants and birds in the green campus are recorded for the rich flora and fauna which are being considered as a value addition to the campus.

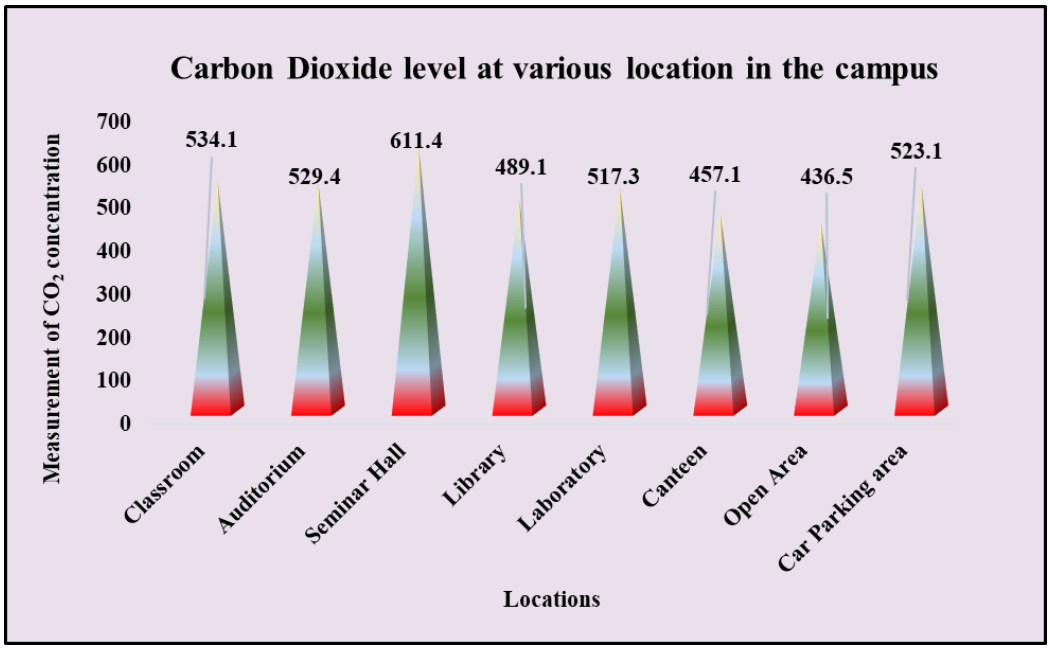
2.4. Air quality audit observations

It is observed that carbon dioxide and oxygen values are acceptable range. The air circulation is very good in all the places which in turn useful to give pure air to the stakeholders. The observation showed that the concentration of CO_2 in the atmosphere is found to be optimal which did not exceed the critical limit of CO_2. It is further revealed that all the selected locations are having pure air without any air contaminants with good air exchange/circulation in the campus. Some of the places like Canteen and Class Rooms are recorded with high level of carbon dioxide level due to student mobilization and the maximum number of electrical items fixed from which the carbon dioxide emission was observed followed by all laboratories and seminar and auditorium halls (Table 1).

Table 1. Measurement of CO_2 concentration in the Organization

S. No.	Different locations of the Organization's Campus	Carbon dioxide level (ppm)*	Remarks
1.	Classroom	534.1	Within permissible limits
2.	Auditorium	529.4	Within permissible limits
3.	Seminar Hall	611.4	Within permissible limits
4.	Library	489.1	Within permissible limits
5.	Laboratory	517.3	Within permissible limits
6.	Canteen	457.1	Within permissible limits
7.	Open Area	436.5	Within permissible limits
8.	Car Parking area	523.1	Within permissible limits

Figure 1. Measurement of CO_2 concentration in the Organization



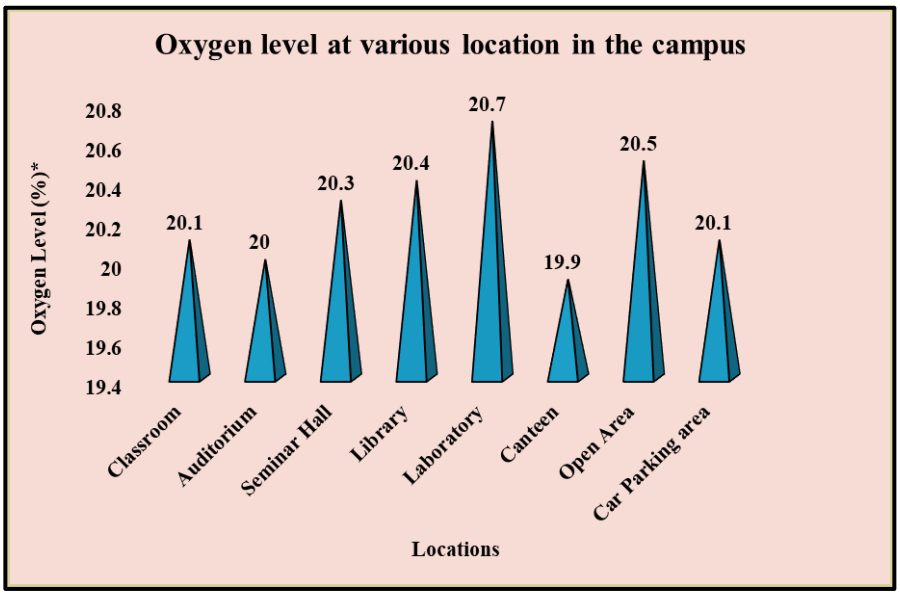
2.5. Atmospheric oxygen level measurements analysis and interpretation

Oxygen level refers to the amount of oxygen available within the atmosphere or water bodies. Oxygen is produced/released as a by-product of photosynthesis, the metabolic activity of all green plants besides certain microbes. Oxygen plays a paramount role in metabolic activities like respiration and the energy-producing chemistry of all living organisms. In order to quantify the oxygen level, Oxygen Meter is used. The atmosphere contains 18-21% oxygen concentration, 75-78.5% nitrogen and 2-3% other gases like carbon dioxide, neon and hydrogen. The amount of oxygen level in the atmosphere is determined by abiotic factors like altitude, latitude and longitude and biotic factors like plantations in the surroundings. If it excess, it causes oxygen toxicity and oxygen poisoning by creating coughing, breathing trouble and damage the lungs to human beings. The oxygen level of different places at the campus are monitored and presented (Table 2).

Table 2. The oxygen concentration at different places of audited organization

S. No	Location	Oxygen Level (%)*	Remarks
1.	Classroom	20.1	O_2 level is good
2.	Auditorium	20.0	O_2 level is good
3.	Seminar Hall	20.3	O_2 level is good
4.	Library	20.4	O_2 level is good
5.	Laboratory	20.7	O_2 level is good
6.	Canteen	19.9	O_2 level is good
7.	Open Area	20.5	O_2 level is good
8.	Car Parking area	20.1	O_2 level is good

Figure 2. The oxygen concentration in the Organization



CO_2 and O_2 analysis are observed in the campus

3. ENVIRONMENT AUDIT

3.1. Introduction

Environmental (Eco) audit is quantitative and qualitative data to track air, soil and water and to gain actionable insights to improve the operational performance in the atmosphere. It provides a 360˚ view of a surrounding campus and makes it easy for Owners / Managers / Environmentalists to collaborate, measure, control and reduce environmental negative impacts. Finally, it leads to enhance the quality of life of all living organisms. Eco audit initiatives are the need of the hour across the world due to changing environmental conditions and global warming besides ever-increasing human population and anthropogenic activities (NCP, 2016). Eco audit aims to make a sustainable and friendly environment for the stakeholders. In this context, to conserve eco-friendly atmosphere of an organization, well-developed environmental objectives and targets should be undertaken to reduce the harmful effects to a greater extent (Gnanamangai *et al*., 2021).

The audit process can remarkably minimize the environmental pollution in the campus which in turn reduces the impact of global warming scenario. As per the Rules and Regulations laid by Government, the environmental legislations should be followed by all the Institutions and Organizations and make sure that their activities should not degrade the environment. The environmental audit involves systematic documentation of periodic objective review by a regulated entity on available facilities, their operations and practices related to resolve the environmental requirements. In general, environmental audit is planned to achieve an optimum resource utilization and improved process performance in the audit sites. Venkataraman (2009) stated that it is a 'Common Sense Approach' to identify the problems and solve those problems pertaining to curb eco-friendly atmosphere. Environmental audit enables an overall and complete overview at the audit sites to facilitate our understanding of flow of materials and to focus the priority areas where waste reduction is achieved thereby cost saving is made possible.

Purpose of the audit is to determine performance of the environmental management systems and equipmentrelated to environmental safety. Audit reports can provide key information to the management in relation to risk areas, progress towards strategic objectives and targets. Audit work can be undertaken voluntary for the benefit/advantage of the company and it can be executed with the help of environmental auditing authorities. As mentioned earlier, it helps in the proper natural resource utilization and on the whole, it improves the quality of environment.

An environmental auditor will study an organization's performance towards the environmental sustainability in a systematic manner where environmental management systems and equipment are performing with the aims of a) facilitating management control of environmental practices, b) assessing compliance with company policies, c) facilitating professional competence, d) sustenance activities without harming the environment and e) practicing the environmental conservation.

3.2. Organization Details

Table 3. Campus details

S.No.	Details / Descriptions	Quantity
1.	Total strength of Students	395
2.	Total strength of Employees	47
3.	Total number of Buses in the campus	NIL
4.	Number of Cars entering in the campus	03
5.	Number of Motorcycles entering in the campus	25
6.	Number of other vehicles (Lorry, Ambulance, Jeep, Trucks, Cranes, Poclain, and etc. entering in the campus)	02
7.	Number of E-Vehicles	NIL
8.	Number of RO Water Plants	03
9.	Number of Borewells	03
10.	Number of Open wells	NIL
11.	Number of Water Reservoirs	01
12.	Number of Wastewater treatment facility	01
13.	Number of Rain harvesting system	05
14.	Number of Composting pits and Vermicompost units	03

3.3. Environment audit observations.

- Human comforts are implemented and observed like ramp walk, fire safety, etc.,
- To reduce the demand of water, rain water harvesting system is implemented and used for irrigation facilities.
- Fire extinguishers are available in the building to consider the safety of all the Stakeholders and maintained properly.
- Parking is provided under the tree shade to reduce the Heat Island effect (Temperature).
- Rain water harvesting unit is maintained well without using any chemical, the water is used for irrigation purpose.
- Use of potable and non-potable waters are identified and differentiated to conserve water.
- Public transport facilities are available in the campus to control air pollution.
- Bicycle for internal mobility is implemented and used inside the campus.
- The pedestrian pathways are maintained with adequate shading facilities by planting more number of trees.
- No offsite and subsidized parking are encouraged in the campus.
- Waste are segregated before the disposal.
- Biodegradable waste are used in the vermicomposting as a recycling practice.

3.3.1. Integrated Water Management System

Water is one of the major source of living. Per captia water consumption in the building is calculated as per the water management plan (litres / person/ day). To reduce the demand of water consumption rain water harvesting unit is implemented and practiced. Proper monitoring plan is made evident to reduce the water consumption in the leakage areas.

Water Management Activities observed in the campus

3.3.2. Corporate Governance

Training and awareness programmes are conducted to the stake holders to maintain sustainability. Some of the programmes conducted by the Organization are World water and environment day.

3.3.3. Safety measures and green building conservation code

Environmental safety measures are very important in the buildings as far as students, staff members and other stakeholders are concerned and it requires vigilance and awareness. Management should extend by issuing guidance and the best safety tools. The organization has have a police force, escort services, call boxes, first aid box, fire extinguishers, fire alarms, security systems and staffs towards the safety measures. Organization has very good safety measures as per the green building conservation code such as fire extinguisher and fire bell and alarms in all the place.

Fire Safety measures designed at the Campus to ensure the Safety of the Stakeholders

3.3.4. Applicability and Implementation

Guidelines of Architect, Designer and Civil contractor for the existing building addresses the choice of material, design methodology, operation and maintenance related options, etc., and also addresses the applicability.

3.3.5. Parking facilities to reduce Heat Island Effect

Heat island effect denotes the temperature level. It is observed that the vehicles are parked under the Tree shade to reduce the heat island effect for the benefit of stakeholders and to maintain sustainability. To reduce the heat island effect parking areas are made up of high albedo materials with light colored paints observed in the organization.

3.3.6. Public transport, low emitting vehicles and control of car smokes

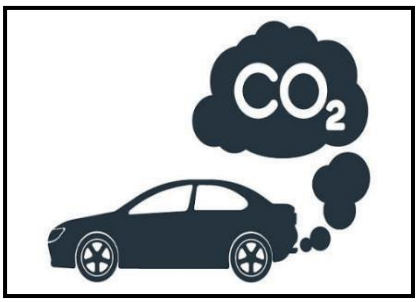
Utility of public transportation (buses) reduces carbon emissions greatly and decreases the development of smog within the towns. This means that human beings have healthy air to respire. Comparing a bus travelling with a car transport for a person, it has been observed that buses are the most effective system by producing lower quantum of emission of carbon when compared to that of car transport. This will be a huge decrease in utility of natural resources per person. Other than this, it also gives more benefits like less noise and traffic congestion. Whenever possible, try to take public transport in place of one's own vehicle. The audited Organization is provided Vehicles to maintain eco-friendly environment in the campus and to reduce carbon dioxide emissions. Apart from the vehicles, students are encouraged to use bicycles. The tree species are planted abundantly to provide shade to the pedestrian.

Vehicles parked under the shades to reduce the Heat Island Effect

3.3.7. Pedestrian path facility at the campus

The concept of pedestrian path is to give safe space to walk freely by the pedestrian. It is very important in the green campus in terms of freely walk pedestrians or people going on foot without any obstacles. The pedestrian path is otherwise called as zebra crossing by the combination of black and white stripes remained to characterize the zebra. In addition, pedestrian path is created in the green campus along with road side which meant for walking only using special cement bricks and stones. The pedestrian path aims to end circulation not only cars, buses, vans, trucks and other vehicles but also giving safe space to the pedestrians, where cross and pass through blocks and also forcing vehicles to comply with it. The audited organization is having very good facility in creating pedestrian path for stakeholders with all the facilities such as accessible public toilets, barrier free environment, dustbins, stone benches, etc. Use of bicycles are encouraged in the Campus to control carbon emission and air pollution.

3.3.8. Carbon footprint



Carbon footprint means measuring/recording the greenhouse gases (GHG) emissions of an organization within its defined boundary. Observations on carbon dioxide and oxygen levels monitored in different parts of the campus are presented under Air Quality Audit section while observation on carbon footprint due to electricity usage per year at the Organization along with other fossil fuel utility are presented under Energy Audit portion of this Technical Report.

3.3.9. Selection of Building Material

Building materials are selected as per the Guidelines to Architect, Designer and Civil contractors. Low carbon emitting cements, bricks, etc., are used for the construction and recycled glass materials are used for windows. Construction material are not stored in the campus.

3.3.10. Waste and Water management activities

Management of water and waste are the two important parameters which plays a vital role to maintain sustainability. Rainwater harvesting is implemented and maintained properly for water conservation, this water is used for irrigation and domestic purpose. It is observed that not different colored dustbins are used in the Organization to segregate the waste at the source of generation.

Waste Management Measures observed at the Campus

3.3.11. Post Occupancy maintenance

Post occupancy maintenance is the activities performed after the completion of construction work and handed over to the owner for further maintenance. The following activities are observed during the onsite visit as post occupancy maintenance

- Vegetation and plants are maintained properly with regular watering through irrigation facilities.
- Soil is maintained well without adding any chemical fertilizers and pesticides.
- To reduce the energy consumption HVAC system are maintained properly.

Post Occupancy measures were observed in the campus

4. ENERGY AUDIT

4.1. Introduction

An energy audit is a survey in which the study of energy flows for the purpose of conservation is examined at an organization. It refers to a technique or system that seeks to reduce the amount of energy used in the Organization without impacting the output. The audit includes suggestions of alternative means and methods for achieving energy savings to a greater extend. Conventionally, electrical energy is generated by means of fossil fuels, hydraulic and wind energy. The availability of fossil fuels and their depletion rate, insist the need for alternate energy systems and conservation of conventional electricenergy. In general, the primary objective of an energy auditing and management of energy consumption is to offer goods or services at the lowest possible cost and with the least amount of environmental impact.

Energy Conservation Building Code (ECBC) is established in the year 2017, which provides minimum requirements for the energy-efficient design and construction of buildings across India. It also provides two additional sets of incremental requirements for buildings to achieve enhanced levels of energy efficiency that go beyond the minimum requirements. Bureau of Energy Efficiency (BEE) came into force in 2002 towards implementation of energy saving practices in an organization. Energy-efficiency labels are information affixed to manufactured products and usually communicate the product energy performance.

BEE Star Rating Scheme is based on actual performance of the building as well as equipment in terms of specific energy usage termed as 'Energy Performance Indicator' by means of star ratings labelled items used which will be useful for energy savings in a sustainable manner (Mishra and Patel, 2016). Energy audit programme provide aid in maintaining a focus on energy price variations, energy supply availability and efficiency, determining an appropriate energy mix, identifying energy-saving technology, retrofitting for energy-saving equipment and so on (Gnanamangai *et al*., 2021). In general, an energy audit process dealt with the driving energy conservation concepts into reality by giving technically possible solutions within a specified time limit while considering the economic and other organizational issues. It also dealt with the uncover ways to cut operating expenses or reduce energy use per unit of production interms of savings. It serves as a "benchmark" for managing energy in the organization for planning more energy-efficient use across the board.

4.2. Energy audit observations

During onsite audit following departments were verified for physical facility availability.

- Adequate awareness programmes are organized and conducted to the stakeholders for the proper handling and maintenance of the appliances.
- Adequate external and vertical shading are provided to conserve energy.
- Natural ventilation through windows and shading is available adequately to reduce the energy consumption.
- It is observed that large foliage trees are planted inside the campus to reduce noise pollution.

- External and internal signage lits are differentiated to conserve energy.
- 'Danger' and 'warning boards' are available near transformer, generator and UPS.
- Outside air is introduced through windows for ventilation in the conditioned spaces.
- Five star rated appliances (lift, AC, Air cooler, Refrigerator, etc.,) are procured to conserve energy.
- All the fluorescent (tube) lights are replaced with LED lights to conserve energy.
- Awareness posters like 'Turn off when not in use', 'Save Energy', etc., are displayed for conserving energy.
- Noise level observed in the different location resulted in normal range.
- Adequate training and awareness programmes are conducted to the stakeholders for energy conservation.
- To optimize the energy campus has implemented solar panel, operation and maintenance, etc.,

4.2.1. Energy Efficient Design and Process

In the campus, it is observed that for lighting, cooling and ventilation renewable sources of energy like solar panel, water heater, etc., are used. Local resources are made available in post occupant stage as per the operation and maintenance plan. Standard Operating Procedures for lifts, UPS, AC are not available to conserve energy and to avoid damage.

4.2.2. Lighting facilities

External shading facilities are made based on the sun path to reduce the energy consumption. Day light integration is implemented in the building by placing adequate number of windows. Electrical lighting facilities during day time increases the energy consumption, it is observed that sufficient day lighting facilities are available through windows which in turn reduce the energy consumption bill of the Organization. Artificial lighting facilities are regularly monitored and maintained. In some areas sensor lights are implemented to save energy. External and internal signage lits are made up of recycled material with maximum light intensity. In the buildings windows head are higher to penetrate day light.

Natural Lighting facilities observed during day time

4.2.3. Building Service Optimization

To save energy in the buildings there should be a proper plan for HVAC system. In the organization it is observed that adequate natural ventilation is implemented and practices. In some places exhaust fans are used for ventilation especially in the canteen and laboratories. To reduce the heat inside the building shading patterns are maintained by planting trees in and around the campus. Solar panels are implemented at the roof top to reduce the heat and to save energy. Air conditioning are provided at specific areas. Energy conservation plays an vital role in maintaining the sustainability. It is observed that the Organization has replaced all the tube light with CFL / LED lamps, has proper metering and submetering facilities, availability of BEE star rated appliances in Air cooler, lift, AC, generator, etc., Solar water heater and panels are implemented to conserve energy. Instruments and meters are properly maintained and calibrated at regular intervals or annual maintenance plan is observed as one of the energy saving opportunity. Adequate energy saving awareness programmes are conducted to the stakeholders. Emissions and leaks are monitored through operation and maintenance manual.

Energy conservation facilities observed in the Campus

4.2.4. Energy consumption and cost profile

The following chart shows the profile of energy consumed and the cost for one year by the auditee (Figures 3 & 4; Table 4).

Figure 3. Electrical energy consumption profile

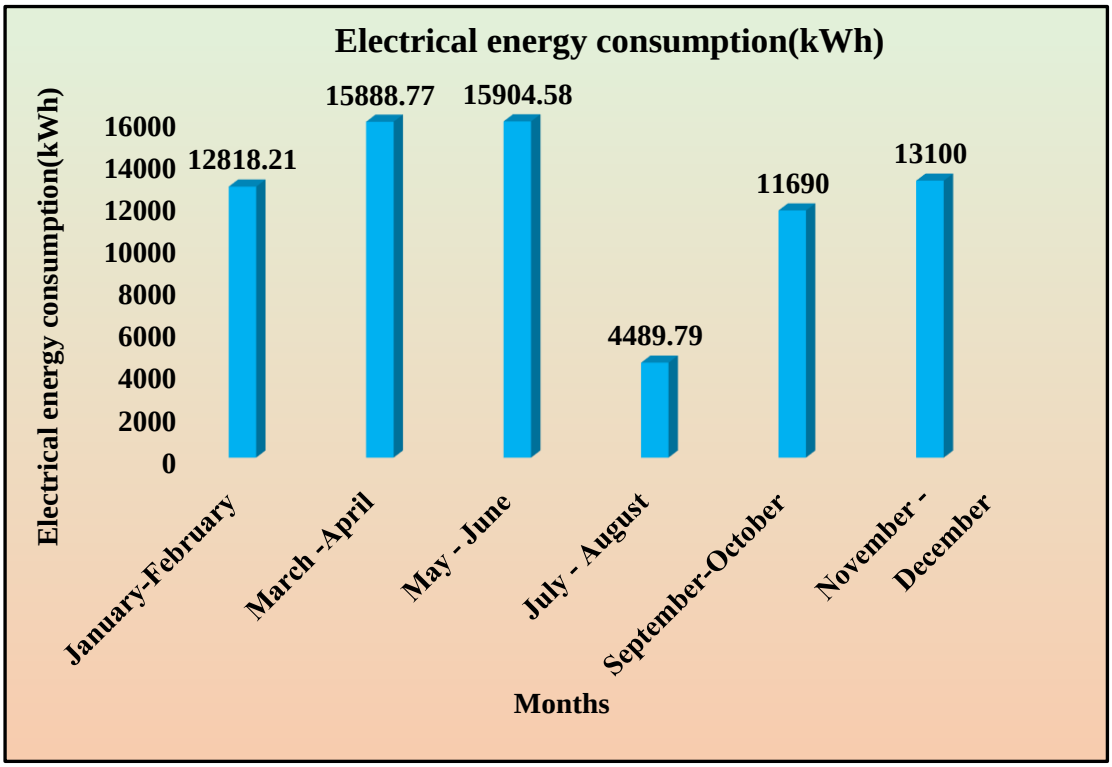


Figure 4. Overall electrical energy consumption and cost profile

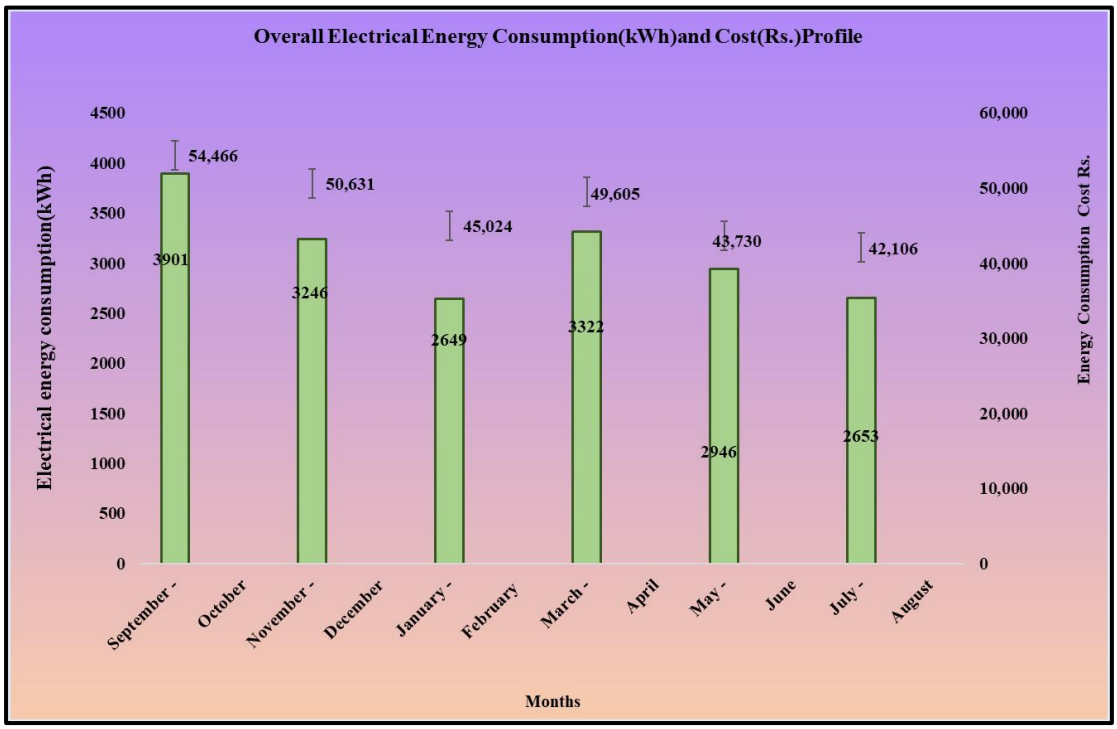


Table 4. Electrical energy consumption and cost profile in the Institution

S. No	Months	Rating / Capacity units in kWh	Cost in Rs.
1.	September-October	3901	54,466
2.	November -December	3246	50,631
3..	January -February	2649	45,024
4..	March -April	3322	49,605
5.	May -June	2946	43,730
6.	July -August	2653	42,106

4.2.5. Power consuming equipment and electrical appliances

Other than electrical energy from grid, energy generated using fossil fuels for the year are presented in the Table 5.

Table 5. Annual Energy Consumption of Fuels in the College

S.No	Month	Diesel consumption (Liters)	Petrol consumption (Liters)	LPG consumption (kg)
1	September	15	07	NIL
2	October	19	05	NIL
3	November	24	07	NIL
4	December	46	06	NIL
5	January	38	6.5	NIL
6	February	25	05	NIL
7	March	40	10	NIL
8	April	20	07	NIL
9	May	39	08	NIL
10	June	45	07	NIL
11	July	55	10	NIL
12	August	85	15	NIL

4.2.6. Carbon footprint

The carbon footprint per year is calculated (www.carbonfootprint.com) based on electricity usage per year in which CO_2 emission from electricity and the sum of transportation per year in terms of number of the shuttle buses service operated by the Organization and number of cars, motorcycles and trucks entering in the Organization campus. These factors are multiplied with total number of trips in each day and approximate travel distance of vehicles covered in each day with a coefficient (0.01) to calculate the emission of CO_2 in metric tons per year. Humans contribute to a massive increase of carbon dioxide emissions by burning fossil fuels, deforestation, and other industrial activities.

4.2.7. Calculation of carbon footprint

The carbon footprint analysis can be calculated based on the earlier reports as stated in www.carbonfootprint.com which is the sum of electricity usage per year. According to the data provided by the Management, carbon emission due to electricity consumption and fossil fuels are presented hereunder.

The CO_2 emission from electricity

= (electricity usage per year in kWh/1000) x 0.84, where 0.84 is the coefficient to convert kWh to metric tons
= (18717 kWh/1000) x 0.84
= 15.72 metric tons

According to the above calculations, carbon emission due to electricity usage per year accounts for 15.72 metric tons.

Transportation per year (Shuttle)

= (Number of the shuttle vehicle in the campus (2) x total trips for shuttle bus service each day x approximate travel distance of a vehicle each day inside campus only (20 km)x 365/100) x 0.01
= (0x 2 x 30x 365/100)) x 0.01
= 0 metric tons

365 is the number of days per year
0.01 is the coefficient to calculate the emission in metric tons per 100 km for bus

a. Transportation per year (Car)

= (Number of cars entering the campus x 2 x approximate travel distance of a vehicle each day inside campus only (in kilometers) x 365/100) x 0.02
= ((03 x 20 x 1 x 365)/100)) x 0.02
= 4.38 metric tons

365 is the number of days per year
0.02 is the coefficient to calculate the emission in metric tons per 100 km car

b. Transportation per year (Motorcycles)

= (Number of motorcycles entering the campus x 2 x approximate travel distance of avehicle each day inside campus only (in kilometers) x 365/100) x 0.01
= ((25 x 20 x 1 x 365)/100)) x 0.01
= 18.25 metric tons

365 is the number of days per year
0.01 is the coefficient to calculate the emission in metric tons per 100 km for motorcycles.

c. Total Carbon emission per year

= total emission from electricity usage + transportation (bus, car, motorcycle)
= (15.72 +0+4.38+18.25)
= 38.35 metric tons

4.2.8. Noise level measurements

Noise is all unwanted sound or set of sounds that causes annoyance or can have a health impact and noise level is measured in decibels (dB). The body can also respond to lower noise levels. Level of noise are expected tobe within 55 dB in residential areas, including institutions. Class room noise levels aresupposed to be around 50 db. Sound Level Meter / Noise Thermometer are used to measure the noise level in the surroundings which converts the sound signal to an equivalent electrical signal and the resulting sound pressure level in decibels (dB) referenced to 20 μPa. Noise level prescribed by Central Pollution Control Board was presented in the Table 6.

Table 6. Noise level standard prescribed by Central Pollution Control Board, Government of India

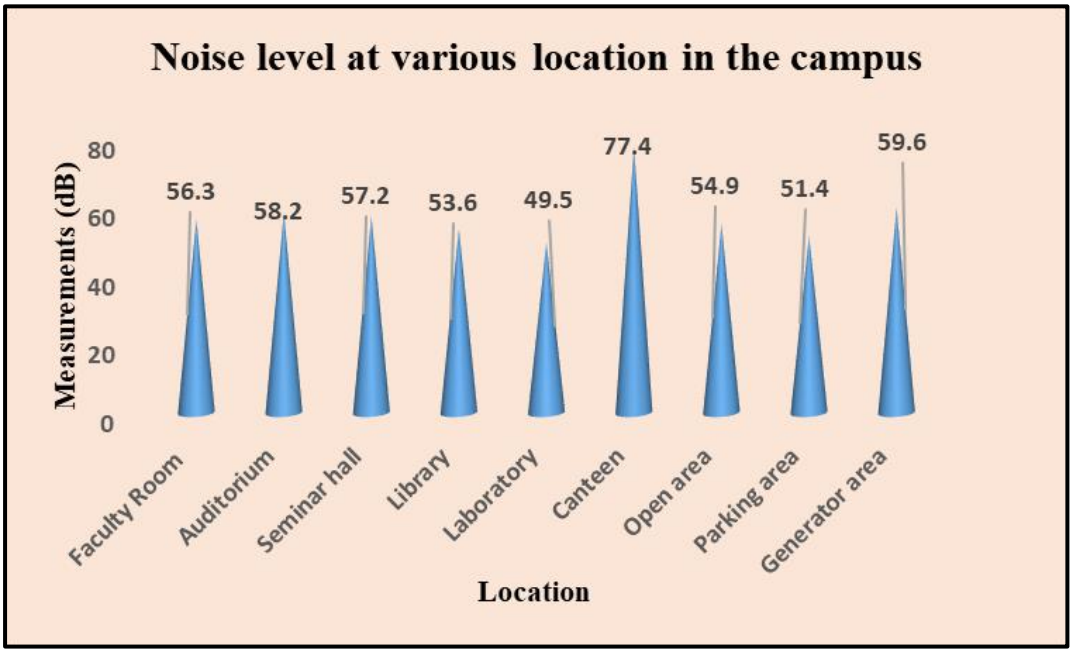
Area Code	Zone	Limits in dB (A) Leq	
		Day Time	Night Time
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silence	50	40

Source: IS : 12065 - 1987

Table 7. Noise level at various location in the campus

S.No	Locations	Measurements (dB)	Major noise sources	Remarks
1.	Faculty Room	56.3	Students and Staff	No Noise Pollution
2.	Auditorium	58.2	Students	No Noise Pollution
3.	Seminar hall	57.2	Students	No Noise Pollution
4.	Library	53.6	Staff members	No Noise Pollution
5.	Laboratory	49.5	Students	No Noise Pollution
6.	Canteen	77.4	Students and Staff	No Noise Pollution
7.	Open area	54.9	Students and staff	No Noise Pollution
8.	Parking area	51.4	Vehicles	No Noise Pollution
9.	Generator area	59.6	Generator Sound	No Noise Pollution

Figure 5. Noise level at various location in the campus



4.2.8.1. Light intensity measurement at the campus

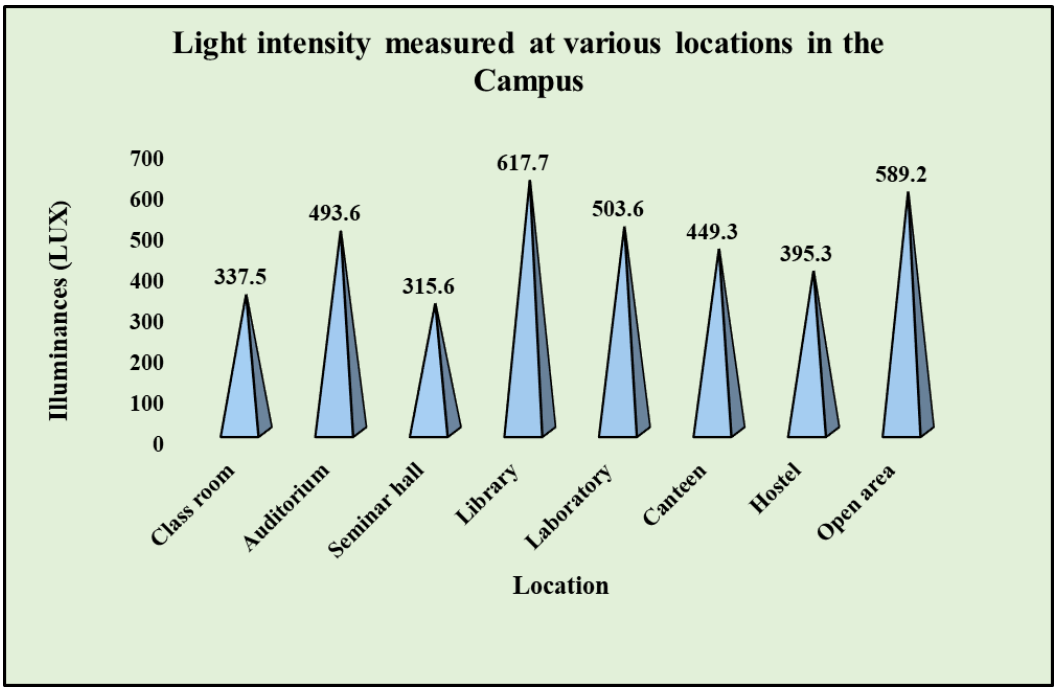
Light intensity or light output is used to measure whether a particular light source provides enough light for an application needed. There is a well-established light level recommendation for a wide range of applications in lighting industry and also for the type of space. Light intensity is measured in terms of lumens per square foot (foot-candles) or lumens per square meter (lux). A light meter (lux meter) is used to measure the amount of light in a space/on a particular work surface. The light meter consists of a sensor that measures the light falling on it and provides the user with a measurable illuminance reading. Light meters are an especially useful tool for measuring light for safety or over-illumination.

Table 8. Light intensity measured at various locations in the College

S. No	Type of Spaces	Illuminances (LUX)
1.	Class room	337.5
2.	Auditorium	493.6
3.	Seminar hall	315.6
4.	Library	617.7
5.	Laboratory	503.6
6.	Canteen	449.3
7.	Hostel	395.3
8.	Open area	589.2
9.	Car Parking area	476.1

Source: IS: 6665-1972

Figure 6. Light intensity Measured at the campus



Light Intensity and Noise level analysis in the Campus

5. Conclusion

Considering the fact that the organization is a well-established academic institution and there is significant scope for conserving green, environment and energy, which in turn make the campus as self-sustained. The organization has taken enormous efforts to maintain green campus in a sustainable manner. It has conducting a large number of activities for the benefit of rural and tribal community people without disturbing the natural environment. The installation of a rainwater harvesting system and irrigation system to conserve rainwater and improve the ground water levels are noteworthy. The Organization has created medicinal, herbal and ornamental gardens at small scale level for establishing a massive reforestation / afforestation programme in which a large number of trees and shrubs species were planted together for providing an eco-friendly atmosphere to the stakeholders in a sustainable manner.

The energy conservation initiatives taken by the organization are substantial. Water and Soil conservation activities are also implemented and practiced. Proper facilities and procedures are followed for waste collection, segregation, disposal, recycle and reuse. Quality of soil and water observed to be good. Hygienic practices are monitored and maintained considering the health and sustainability of the stakeholders at canteen and hostel premises. Tree plantation at appropriate locations are maintained to resist the indoor climate and conserve energy. The organization has made significant progressive contributions with respect to teaching learning, research and consultancy, innovation and transfer of technology, community service and value education, in toto. It imparts quality education to rural, tribal and urban people across the nation which is excellent in terms of academic activities and providing an eco-friendly atmosphere to the stakeholders

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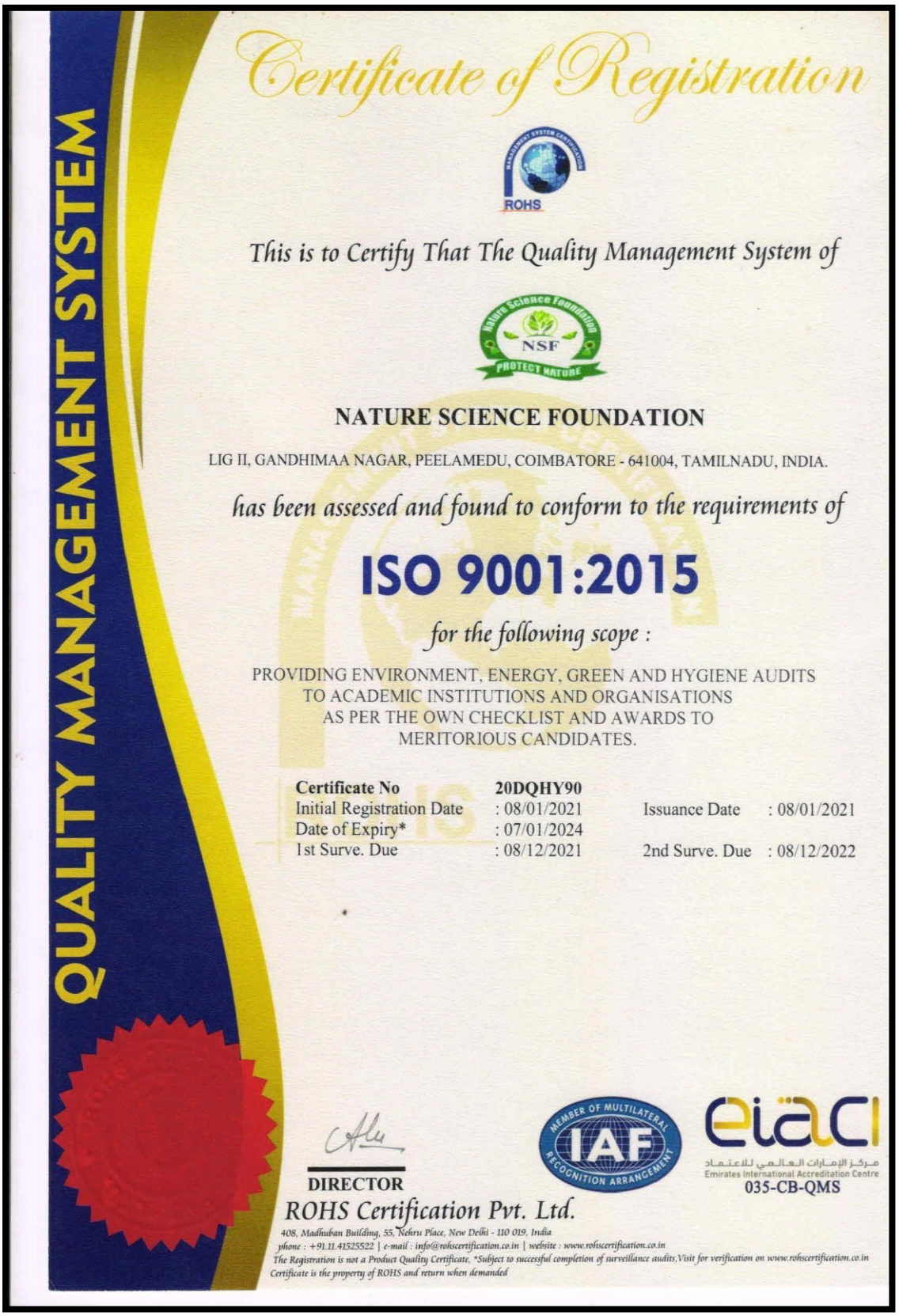
2. ISO Certificate (EMS 14001:2015)
3. ISO Certificate (OHSMS 45001:2018)
4. ISO Certificate (EnMS 50001:2018)
5. MSME Certificate



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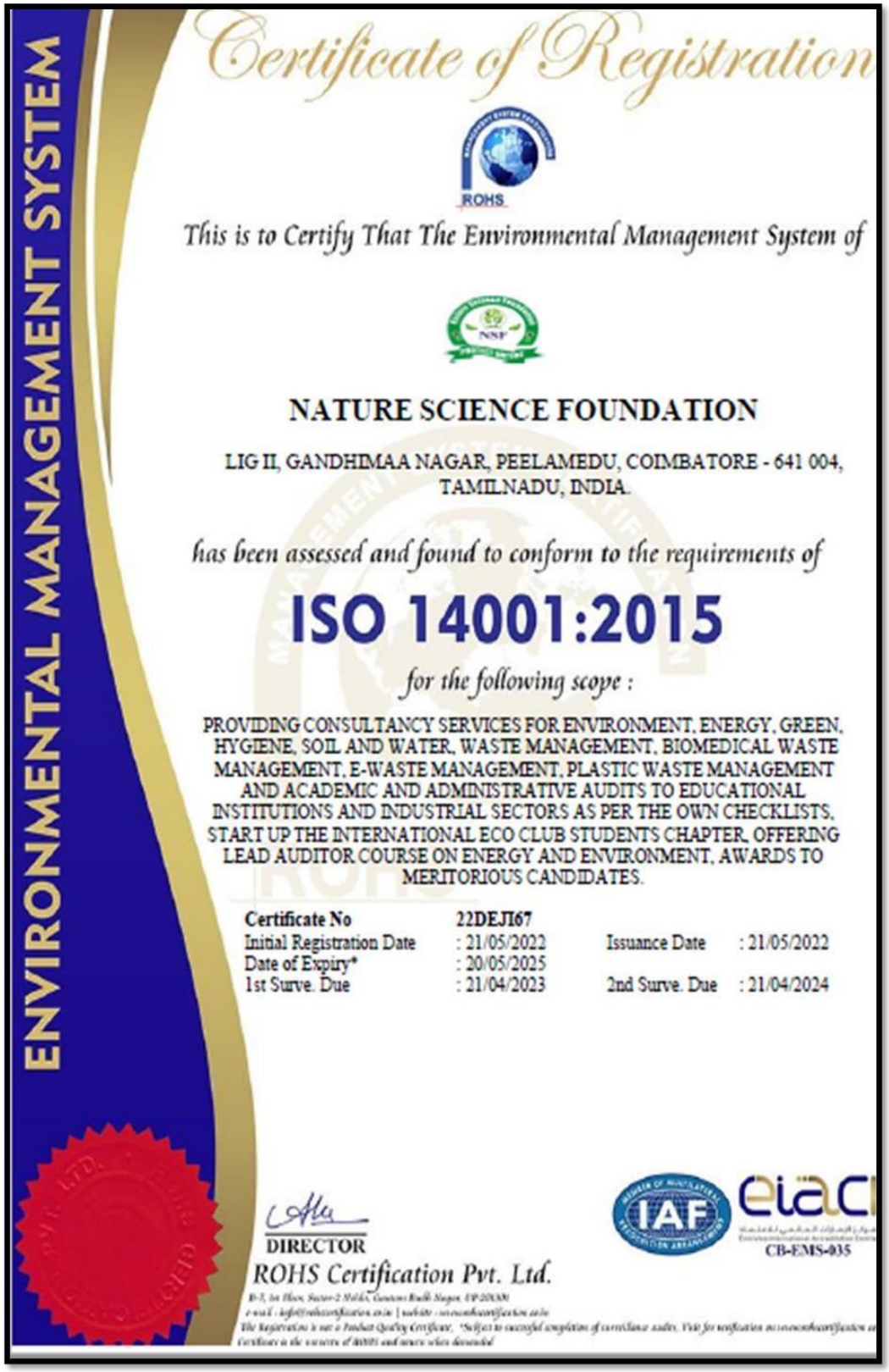

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Date of Certification: 9th August 2022
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2nd Surveillance Audit Due: 8th August 2024
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Certificate Number: 305022080903EN

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MSME
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MICRO, SMALL & MEDIUM ENTERPRISES

UDYAM
REGISTRATION CERTIFICATE

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NAME OF ENTERPRISE	M/S NATURE SCIENCE FOUNDATION
TYPE OF ENTERPRISE *	MICRO
MAJOR ACTIVITY	SERVICES
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL

NAME OF UNIT(S)

S.No.	Name of Unit(s)
1	Green Campus, Energy and Environment Management Audits

OFFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	LIG-II,2669	Name of Premises/ Building	GANDHIMAA NAGAR
Village/Town	Gandhimaanagar S.O	Block	LIG-II
Road/Street/Lane	Peelamedu	City	Coimbatore South
State	TAMIL NADU	District	COIMBATORE , Pin 641004
Mobile	9566777255	Email:	chairmannsf@gmail.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	28/11/2017
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	12/03/2020

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	69 - Legal and accounting activities	6920 - Accounting, bookkeeping and auditing activities; tax consultancy	69201 - Accounting, bookkeeping and auditing activities	Services
2	85 - Education	8542 - Cultural education	85420 - Cultural education	Services
3	85 - Education	8549 - Other education n.e.c.	85499 - Other educational services n.e.c.	Services

DATE OF UDYAM REGISTRATION	26/02/2022

* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

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2. Indian Green Building Council (IGBC AP) Accredited Professional of Dr. B. Mythili Gnanamangai, Vice-Chairman of NSF.

3. Tamil Nadu Fire and Rescue Service Certificate of Er. S. Srinivash, Energy Auditors of NSF.

BUREAU OF ENERGY EFFICIENCY

Examination Registration No. : EA-14056 Serial Number. 9176

Certificate Registration No. : 9176

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. Dinesh Kumar D Son/Daughter of Mr./Mrs. R M Dhanasekaran who has passed the National Examination for certification of energy manager held in the month of October 2011 is qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency (Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate and shall be renewable subject to attending the prescribed refresher training course once in every five years.

His /Her name has been entered in the Register of certified energy manager at Serial Number 9176 being maintained by the Bureau of Energy Efficiency under the aforesaid regulations.

Mr./Mrs./Ms. Dinesh Kumar D is deemed to have qualified for appointment or designation as energy manager under clause (*l*) of Section 14 of the Energy Conservation Act, 2001 (Act No.52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this 7th day of February, 2013

Digitally Signed: RAKESH KUMAR RAI
Sun Mar 01 10:58:55 IST 2020
Secretary, BEE New Delhi

Secretary
Bureau of Energy Efficiency
New Delhi

Dates of attending the refresher course	Secretary's Signature	Dates of attending the refresher course	Secretary's Signature
22.12.2019			

GRIHA

GREEN RATING FOR INTEGRATED HABITAT ASSESSMENT

GRIHA CERTIFIED PROFESSIONAL CERTIFICATE

This is to certify that

Dinesh Kumar Dhanasekaran

has qualified as a **GRIHA** Certified Professional For V. 2015

Date of issue: 19th June 2020

Note : This certification is valid only for GRIHA version 2015.

Chief Executive Officer
GRIHA Council

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CONSERVE IT

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BUREAU OF ENERGY EFFICIENCY

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MINISTRY OF POWER, GOVERNMENT OF INDIA

प्रमाणित किया जाता है कि

श्री/श्रीमती दिनेश कुमार ने ऊर्जा संरक्षण भवन निर्माण संहिता के लिए 7 दिसंबर '16 से 8 दिसंबर '16 तक ~~एमएनआईटी~~ / ~~सीईपीटी~~ /आईआईआईटी द्वारा आयोजित मास्टर ट्रेनर सर्टिफिकेट कार्यक्रम को सफलता पूर्वक सम्पन्न कर लिया है।

This is to certify that

Shri/Smt. Dinesh Kumar has successfully completed the Master Trainer Certificate Programme conducted by ~~MNIT~~ / ~~CEPT~~ / IIIT from 7 December '16 to 8 December '16 for the Energy Conservation Building Code.

नई दिल्ली, 07 JUL 2017
New Delhi,

महानिदेशक
Director General

t on OnePlus
esh

LEED AP BD+C

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DINESH KUMAR D

HAS ATTAINED THE DESIGNATION OF

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by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED® green building program.

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IGBC

CII
Confederation of Indian Industry

The Indian Green Building Council

hereby certifies that

B Mythili Gnanamangai

has successfully demonstrated knowledge on the Green Building Design & Construction, Building Standards & Codes, IGBC Resources & Processes and Green Design Strategies & their Impacts, required to be awarded the title of

IGBC Accredited Professional

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Executive Director
CII-Godrej GBC

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17 April 2021

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GEM CP 20/649

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THIRUVALLUR DISTRICT

THIRUVALLUR

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26.08.2016 by Tamil Nadu Fire & Rescue Services Department at Thiruvallur District, Thiruvallur
as per G.O.M.S. No.713, dated 17.08.2005 Home (Police XVII) Department, Government of Tamil Nadu.

Station: Thiruvallur.
Date: 20.9.16

District Officer 20.9.16
Fire & Rescue Services
Thiruvallur District.
Thiruvallur