# MOOKAMBIGAI COLLEGE OF ENGINEERING

Srinivasa Nagar, Kalamavur, Pudukkottai Dist. – 622502

ESTD : 1985

**2022-23**

# MOOKAMBIGAI COLLEGE OF ENGINEERING

SRINIVASA NAGAR, KALAMAVUR, PUDUKKOTTAI-622502.

Career Guidance and Preplacement Training Cell

## REPORT ON A ONE DAY SEMINAR ON CAREER GUIDANCE (9TH SEP 2022)

There are variety of factors, including a large population, cut- throat competition in the job market, and various difficulties that young graduates face, the student community is continuously losing hope to survive in today's extremely difficult and competitive world. However, students are gradually realizing that they want to pursue a career in which they are passionate. But in reality, the majority of them are unable materialize their desire. Career Guidance Cell of Mookambigai College of Engineering is making efforts to determine a student's career passion and render clarity in choosing apt career because career counselling has the power to completely change a student's circumstances.

Everyone is a genius, but if you assess a fish by its ability to climb a tree, people will think the fish is pretty stupid, said the great German-born physicist Albert Einstein. The fish's ability to swim through water is its strongest trait. The lesson here is that every person, especially a child, has a special

personality that may be brought out by the right mentor or counsellor. With so many career options available today, students are finding it difficult to make the best choice due to the challenges of modern life. Career counsellors can help students make the best choice by providing them with counselling, advice, analysis, and research. With this thought in mind **on 9th Sep. 2022 one day career guidance Seminar was organized by the Career Guidance and Preplacement Training Cell.**

A team of Government Officials from the Regional Employment Office, Trichy and Pudukkottai conducted one day workshop for the third and the final Year Students on Career opportunities, Employment Registration Process and all the other details pertaining to the Career.

**Mr.Kalaiselvan District Employment Officer, Mr. Velmurugan Junior Employment Officer, Mrs.Nagalakshmi Ministry of Labour** India, took up the sessions and enlightened the students on various factors involved in the getting a right job. Mr.Kalaiselvan District Employment Officer spoke extensively on the Employment Registration process and all the other details in getting a right job both in the Government Sector and Private Sector. Mr.Kalaiselvan District Employment Officer specifically noted the importance of acquiring in-depth knowledge in the fundamental of their respective subjects. Mr. Velmurugan Junior Employment Officer, struck the nail straight on the head as he focused on how the students should be smart enough to get a right job before it is too late. Mrs.Nagalakshmi Ministry of Labour India, said that there are ample of opportunities awaiting for the right candidate who is focused.

Mr. Rajesh, Assistant Professor, CSE, welcomed the gathering. Mr. Karthick Assistant Professor EEE, introduced the dignitaries and briefed the purpose of conducting the Career Guidance Workshop. Dr.M.G.Somasundara moorthy Administrative Officer honoured the dignitaries with memento. Dr.R.Elangovan Principal felicitated the gathering. Mr.U.Arun Kumar took up the responsibility of conducting the workshop. Finally Dr.Y.Stephen Xavier summed up the main points that the officials had elaborated and proposed the vote of thanks.

143 Students from 3rd and Final Year Engineering participated in the programm. Following is the list of participants.

## Participanta

| S.No | NAME | Register Number | BRANCH | ACADEMIC YEAR | BATCH |
|---|---|---|---|---|---|
| 1. | R. RAJA RAJESWARI | 812819104036 | CSE | 2022-23 | 2019-23 |
| 2. | R. BOOMIKA | 812819104005 | CSE | 2022-23 | 2019-23 |
| 3. | GOPIKA.M | 812819104013 | CSE | 2022-23 | 2019-23 |
| 4. | K.JAYASRI | 812819104018 | CSE | 2022-23 | 2019-23 |
| 5. | R.LOGESH | 812819104026 | CSE | 2022-23 | 2019-23 |
| 6. | S.LOGESHWAR | 812820104308 | CSE | 2022-23 | 2020-24 |
| 7. | K.Guruprasadh | 812819104015 | CSE | 2022-23 | 2019-23 |
| 8. | POONGGAZHAL TTK | 812819104032 | CSE | 2022-23 | 2019-23 |
| 9. | R.ABINESH | 812820104002 | CSE | 2022-23 | 2020-24 |
| 10. | ARAVINDH | 812820104005 | CSE | 2022-23 | 2020-24 |
| 11. | SANJAY G | 812820104043 | CSE | 2022-23 | 2020-24 |
| 12. | K.Moulika | 812819205018 | IT | 2022-23 | 2019-23 |
| 13. | R.PRABU | 812820104037 | CSE | 2022-23 | 2020-24 |
| 14. | S. AKSHAYASRI | 812819104003 | CSE | 2022-23 | 2019-23 |
| 15. | G.PRAVIN | 812820104040 | CSE | 2022-23 | 2020-24 |
| 16. | V.RUBINI | 812819104039 | CSE | 2022-23 | 2019-23 |
| 17. | GUNA. S | 812820104017 | CSE | 2022-23 | 2020-24 |
| 18. | RAJESHWARI S | 812820104041 | CSE | 2022-23 | 2020-24 |
| 19. | D. ARIAT ANITHA | 812820104008 | CSE | 2022-23 | 2020-24 |
| 20. | K.GURUPRASADH | 812819104015 | CSE | 2022-23 | 2019-23 |
| 21. | AKILA A | 812819205005 | IT | 2022-23 | 2019-23 |
| 22. | SANKARI. S | 812819104041 | CSE | 2022-23 | 2019-23 |
| 23. | S. Vignejan | 812819205030 | IT | 2022-23 | 2019-23 |
| 24. | R.MONISHA | 812819104029 | CSE | 2022-23 | 2019-23 |
| 25. | VISIRANTHI | 812819104049 | CSE | 2022-23 | 2019-23 |
| 26. | PAVITHRA M | 812819104031 | CSE | 2022-23 | 2019-23 |
| 27. | M.jayalakshmi | 812819104017 | CSE;ECE | 2022-23 | 2019-23 |
| 28. | Ghuna Varthini | 812819104012 | CSE | 2022-23 | 2019-23 |
| 29. | R. KAVIBHARATHI | 812819104024 | CSE | 2022-23 | 2019-23 |
| 30. | JENIFER | 812819104020 | CSE | 2022-23 | 2019-23 |
| 31. | SOUMIYA P | 812819205026 | IT | 2022-23 | 2019-23 |
| 32. | C.PRAVEEN KUMAR | 812819205022 | IT | 2022-23 | 2019-23 |
| 33. | BARATHI S | 812819205010 | IT | 2022-23 | 2019-23 |
| 34. | BALACHANDRAN SEKAR | 812820104011 | CSE | 2022-23 | 2020-24 |
| 35. | BALAJI P | 812819205009 | IT | 2022-23 | 2019-23 |
| 36. | ARUL VINCENT RAJ. A | 812819205008 | IT | 2022-23 | 2019-23 |
| 37. | S.MARTIN RAJA | 812820104031 | CSE | 2022-23 | 2020-24 |
| 38. | A.AJITHA | 812819205004 | IT | 2022-23 | 2019-23 |
| 39. | K.PREMKUMAR | 812820205016 | IT | 2022-23 | 2020-24 |

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|---|---|---|---|---|---|
| 40. | R. SARAN VIGNESH | 812820205020 | IT | 2022-23 | 2020-24 |
| 41. | Vasunthara Devi. S | 812819305029 | IT | 2022-23 | 2019-23 |
| 42. | KARTHESWARAN.M | 812819102005 | AUTOMOBILE | 2022-23 | 2019-23 |
| 43. | HARSHIA K D | 812820104019 | CSE | 2022-23 | 2020-24 |
| 44. | M.PADMANATHAN | 812819102008 | AUTOMOBILE | 2022-23 | 2019-23 |
| 45. | S.SHYAM PRASATHA | 812819102302 | AUTOMOBILE | 2022-23 | 2019-23 |
| 46. | BADHRINATH M | 812819102002 | AUTOMOBILE | 2022-23 | 2019-23 |
| 47. | RAJESH.R | 812819102009 | AUTOMOBILE | 2022-23 | 2019-23 |
| 48. | S. KRISHNAPRIYA | 812820104027 | CSE | 2022-23 | 2020-24 |
| 49. | VIGNESH N | 812819102010 | AUTOMOBILE | 2022-23 | 2019-23 |
| 50. | N.JAYALAKSHMI | 812819205013 | IT | 2022-23 | 2019-23 |
| 51. | THIVAGAR. S | 812819107009 | E & I | 2022-23 | 2019-23 |
| 52. | K. RANJITH KUMAR | 812819107007 | E & I | 2022-23 | 2019-23 |
| 53. | DHULAJABAVANI U | 812819205011 | IT | 2022-23 | 2019-23 |
| 54. | KARTHIKEYAN S | 812819205014 | IT | 2022-23 | 2019-23 |
| 55. | V. Lakshmi praba | 812819205015 | IT | 2022-23 | 2019-23 |
| 56. | NITHIN SIVARAMAN.R | 812819114025 | MECHANICAL | 2022-23 | 2019-23 |
| 57. | S.SANJAIKUMAR | 812819114037 | MECHANICAL | 2022-23 | 2019-23 |
| 58. | R.samuvel | 812819114036 | MECHANICAL | 2022-23 | 2019-23 |
| 59. | SIVASANKARAN A | 812819114039 | MECHANICAL | 2022-23 | 2019-23 |
| 60. | R.MANIkANDAN | 812819114020 | MECHANICAL | 2022-23 | 2019-23 |
| 61. | R. ARUNKUMAR | 812819114301 | MECHANICAL | 2022-23 | 2019-23 |
| 62. | SAHANA BANU B | 812819205023 | IT | 2022-23 | 2019-23 |
| 63. | Abarna S | 812819205001 | IT | 2022-23 | 2019-23 |
| 64. | A.AYYA MUTHU MANIKANDAN | 812819114003 | MECHANICAL | 2022-23 | 2019-23 |
| 65. | R. HARIHARAN | 812819102003 | AUTOMOBILE | 2022-23 | 2019-23 |
| 66. | M.Rupendara murte | 812819114035 | MECHANICAL | 2022-23 | 2019-23 |
| 67. | KISHORE KUMAR T | 812819114017 | MECHANICAL | 2022-23 | 2019-23 |
| 68. | V.KISHORE ADITHYA | 812820107301 | E & I | 2022-23 | 2020-24 |
| 69. | S.BALAKUMARAN | 812819114302 | MECHANICAL | 2022-23 | 2019-23 |
| 70. | B.Rohit srinath | 812819114033 | MECHANICAL | 2022-23 | 2019-23 |
| 71. | T.THAMARAISELVAN | 812819114042 | MECHANICAL | 2022-23 | 2019-23 |
| 72. | PL.SRIDHAR | 812819114040 | MECHANICAL;EEE | 2022-23 | 2019-23 |
| 73. | G. RAJA RAAJAN | 812819114031 | MECHANICAL | 2022-23 | 2019-23 |
| 74. | S. Balamurugan | 812819114004 | MECHANICAL | 2022-23 | 2019-23 |
| 75. | SANTHANA KRISHNAN.S | 812819114038 | MECHANICAL | 2022-23 | 2019-23 |
| 76. | V.S.GUHAN | 812819114007 | MECHANICAL | 2022-23 | 2019-23 |
| 77. | SANTHOSH | 812819114307 | MECHANICAL | 2022-23 | 2019-23 |
| 78. | S. Srihariharan | 812819107008 | E & I | 2022-23 | 2019-23 |
| 79. | VAIDEESWARAN | 812819107010 | E & I | 2022-23 | 2019-23 |
| 80. | PANDIYARAJAN B | 812819107304 | E & I | 2022-23 | 2020-24 |
| 81. | Mathan kumar R | 812819107305 | E & I | 2022-23 | 2019-23 |
| 82. | R HAREESH | 812819107004 | E & I | 2022-23 | 2019-23 |
| 83. | G.INBA TAMIL DHILEEPAN | 812819107005 | E & I | 2022-23 | 2019-23 |
| 84. | PRABHU | 812820106305 | ECE | 2022-23 | 2020-24 |

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| 85. | THULASI VARSHA.M | 812820106016 | ECE | 2022-23 | 2020-24 |
| 86. | M.NIJANTHAN | 812819114024 | MECHANICAL | 2022-23 | 2019-23 |
| 87. | S.AADITHYA CHOLAN | 812819107001 | E & I | 2022-23 | 2019-23 |
| 88. | ZAMEER.A | 812819105015 | EEE | 2022-23 | 2019-23 |
| 89. | R.A.RAJAKUMARAN | 812819114306 | MECHANICAL | 2022-23 | 2019-23 |
| 90. | S.Deepalakshmi | 812820106006 | ECE | 2022-23 | 2020-24 |
| 91. | J.SNEKA | 812819104044 | CSE | 2022-23 | 2019-23 |
| 92. | NEELAGANDAMOORTHI K | 812819205019 | IT | 2022-23 | 2020-24 |
| 93. | R. PUNNIYA MOORTHY | 812819114030 | MECHANICAL | 2022-23 | 2019-23 |
| 94. | YUGESH | 812820104060 | CSE | 2022-23 | 2020-24 |
| 95. | KIRUBHAKARAN G | 812820104025 | CSE | 2022-23 | 2020-24 |
| 96. | ARIVAZHAGAN S | 812820106305 | ECE | 2022-23 | 2020-24 |
| 97. | ARTHY A | 812819205007 | IT | 2022-23 | 2019-23 |
| 98. | SNEHA R | 812819106021 | ECE | 2022-23 | 2019-23 |
| 99. | K.SURENDHIRAN | 812820107303 | E & I | 2022-23 | 2020-24 |
| 100. | JALEM ANBARASAN A | 812820106401 | ECE | 2022-23 | 2020-24 |
| 101. | SHARMILA R | 812819104042 | CSE | 2022-23 | 2019-23 |
| 102. | M.AARTHI | 812820104001 | CSE | 2022-23 | 2020-24 |
| 103. | R.YOGASHREE | 812820104058 | CSE | 2022-23 | 2020-24 |
| 104. | M ROKITH KUMAR | 812819114034 | MECHANICAL | 2022-23 | 2019-23 |
| 105. | B.MANIKANDA PRABU | 812819106302 | ECE | 2022-23 | 2019-23 |
| 106. | AHAMED. A | 812819114701 | MECHANICAL | 2022-23 | 2019-23 |
| 107. | B.JAYAPRAKASH | 812820106010 | ECE | 2022-23 | 2020-24 |
| 108. | MOHAMED ISMAIL.SN | 812819114021 | MECHANICAL | 2022-23 | 2019-23 |
| 109. | S.ABINAYA | 812819205002 | IT | 2022-23 | 2019-23 |
| 110. | VENKATACHALAM.M | 812820107304 | E & I | 2022-23 | 2020-24 |
| 111. | SEWAG GOWTHAM.S | 812820107305 | E & I | 2022-23 | 2020-24 |
| 112. | PRATHISH KUMAR.A | 812820107302 | E & I | 2022-23 | 2020-24 |
| 113. | A. DINESH | 812820107001 | E & I | 2022-23 | 2020-24 |
| 114. | T. MURUGAN | 9363180017 | E & I | 2022-23 | 2019-23 |
| 115. | K.NISHITHA | 812819106017 | ECE | 2022-23 | 2019-23 |
| 116. | M.VIJI | 812819106025 | ECE | 2022-23 | 2019-23 |
| 117. | B.PRIYA DHARSHINI | 812819106303 | ECE | 2022-23 | 2019-23 |
| 118. | LAWRANCE PRABHU | 812819107303 | E & I | 2022-23 | 2020-24 |
| 119. | E.MAHAMALINI | 812819205016 | IT | 2022-23 | 2019-23 |
| 120. | MALATHI T | 812819205017 | IT | 2022-23 | 2019-23 |
| 121. | PRATHEENA G | 812819205021 | IT | 2022-23 | 2019-23 |
| 122. | S.ALSHAJITH | 812819205006 | IT | 2022-23 | 2019-23 |
| 123. | E. MARGKESH | 812820103006 | CIVIL | 2022-23 | 2020-24 |
| 124. | I.joshva | 812820103304 | CIVIL | 2022-23 | 2019-23 |
| 125. | A.VETRIKUMAR | 812820103013 | CIVIL | 2022-23 | 2020-24 |
| 126. | M.SHEIK MISHAL | 812820103309 | CIVIL | 2022-23 | 2020-24 |
| 127. | R.THALAPATHIMURUGAN | 812820103011 | CIVIL | 2022-23 | 2020-24 |
| 128. | S.DIVYA | 812820103003 | CIVIL | 2022-23 | 2020-24 |
| 129. | VM.GOKULA KRISHNAN | 812820103303 | CIVIL | 2022-23 | 2020-24 |

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| 130. | THIVINKUMAR .S | 812820103312 | CIVIL | 2022-23 | 2020-24 |
| 131. | VIJAYAKUMAR R | 812820103314 | CIVIL | 2022-23 | 2020-24 |
| 132. | R. Arunkumar | 812820103002 | CIVIL | 2022-23 | 2020-24 |
| 133. | S. VIJAYARAGHAVAN | 812820103014 | CIVIL | 2022-23 | 2020-24 |
| 134. | C.ABINAYASRI | 812820103001 | CIVIL | 2022-23 | 2020-24 |
| 135. | KEERTHANA.M | 8220540987 | CIVIL | 2022-23 | 2020-24 |
| 136. | PRADEEPA. G | 812820103308 | CIVIL | 2022-23 | 2020-24 |
| 137. | R.SWETHA | 812820103010 | CIVIL | 2022-23 | 2020-24 |
| 138. | PRAVEEN KUMAR. P | 812820103007 | CIVIL | 2022-23 | 2020-24 |
| 139. | K.VENGADESHWARAN | 812820103012 | CIVIL | 2022-23 | 2020-24 |
| 140. | T. NARESH KUMAR | 812819103009 | CIVIL | 2022-23 | 2019-23 |
| 141. | R. MAHALAKSHMI | 812820103005 | CIVIL | 2022-23 | 2020-24 |
| 142. | G.NISANTH | 812820103307 | CIVIL | 2022-23 | 2020-24 |
| 143. | M.SIVANESH | 812820103009 | CIVIL | 2022-23 | 2020-24 |

Dr.Y.Stephen Xavier
**Coordinator**

Dr.R.Elangovan
**Principal**

# MOOKAMBIGAI COLLEGE OF ENGINEERING

SRINIVASA NAGAR, KALAMAVUR, PUDUKKOTTAI-622502.

Career Guidance and Preplacement Training Cell

## REPORT AN ORIENTATION PROGRAMME ON THE IMPORTANCE OF SOFT SKILLS AND INCULCATING LEADERSHIP TRAITS (11-05-2023)

An Orientation Programme **the Importance of Soft Skills and inculcating Leadership Traits** was conducted by the Career Guidance Cell on 11th May 2023. The main objective was to impart clear knowledge on the Soft Skills and the Leadership Traits. The targeted audience was the Student Representatives of each class. Dr.Y.Stephen Xavier, Career Guidance Cell in-charge elaborated on the very term Soft Skills. He clearly explained that the "soft skills" is frequently used to refer to a person's Emotional Quotient (EQ), which is a collection of personality attributes, including manners, communication, language, personal habits, interpersonal skills, managing people, and leadership. Soft talents are those that can be learned without specialized training. That describes interactions with other people. Hard talents, which are typically simple to quantify and measure, contrast with soft skills.

Further he stated that Soft skills, also known as foundational skills, include being dependable, punctual, organized, and having a good outlook on one's work. Putting forth a lot of effort and tenacity, completing duties accurately and on schedule, seeking knowledge to develop talents, being adaptable and flexible, completing every chore no matter how unpleasant and having knowledge of uniform or dress code requirements, keeping up one's personal hygiene. Thus soft skills refer to a group of abilities.

During the Session Dr. Y. Stephen Xavier explained that Leadership traits refer to personal qualities that define effective leaders. Leadership refers to the ability of an individual or an organization to guide individuals, teams, or organizations toward the fulfilment of goals and objectives. It plays an important function in management, as it helps maximize efficiency and achieve strategic and organizational goals.

## Participants

| S.No | Name | Branch | Year |
|---|---|---|---|
| 1. | Gayathri R. | ECE | I |
| 2. | Visali T. | EEE | I |
| 3. | Abirami N. | CIVIL | I |
| 4. | Madhumitha G. | AI&DS | I |
| 5. | Harshika | CSE - A | I |
| 6. | Bhuvaneswari | IT A | I |

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|---|---|---|---|
| 7. | Rajeshwari S. | CSE – B | I |
| 8. | Priyadharshini E. | IT – B | I |
| 9. | Adhithiyan M | AI&DS | I |
| 10. | Abdhullah A. | E & I | I |
| 11. | Noor Mohamed B | EEE | I |
| 12. | Manikandan R. | CSE – B | I |
| 13. | Sriramakrishnan S. | IT - B | I |
| 14. | Jothi Kannan M. | IT - B | I |
| 15. | Dhushanth Ajai | MECH | I |
| 16. | Vinoth S. | MECH | I |
| 17. | Arul Pandi S | CSE - A | I |
| 18. | Agatheeswaran R. | IT - A | I |
| 19. | Manimaran S. | CIVIL | I |
| 20. | Hahabar Jabeen | CSE - A | II |
| 21. | Saranya M. | IT | II |
| 22. | Sreethurga P. | CSE – B | II |
| 23. | Salaideer Muthu | ECE | II |
| 24. | Akila P. | EEE | II |
| 25. | Kalaiyarasan | E&I | II |
| 26. | Mohamed Nowshath M. | ECE | II |
| 27. | Abisheik R. | CSE | II |
| 28. | Krishnamoorthy T. | IT | II |
| 29. | Prakash Raj R. | EEE | II |
| 30. | Dhinesh Kumar T.M. | MECH | II |
| 31. | Rahamathullah M. | CIVIL | II |
| 32. | Saravanakumar | CSE - B | II |

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|---|---|---|---|
| 33. | Keshavharaj R. | MECH - A | III |
| 34. | Naveen P. | MECH - B | III |
| 35. | Premkumar S. | EEE | III |
| 36. | Premkumar A. | IT | III |
| 37. | Vetrikumar A. | CIVIL | III |
| 38. | Deeban M. | ECE | III |
| 39. | Balachandaran S. | CSE - A | III |
| 40. | Surendharan K. | E&I | III |
| 41. | Thulasi Varsha M. | ECE | III |
| 42. | Madhuvathini S. | EEE | III |
| 43. | Keerthana M. | CIVIL | III |
| 44. | Krishna Priya S. | CSE | III |
| 45. | Vijithra P. | CSE | III |
| 46. | Dhanalakshmi P. | ECE | IV |
| 47. | Akshayasri S. | CSE | IV |
| 48. | Sahana Banu B. | IT | IV |
| 49. | Vinoth Kanna P. | IT | IV |
| 50. | Jeganraj S. | CSE | IV |
| 51. | Rupendra Murte M | MECH | IV |
| 52. | Mahalingam G. | ECE | IV |

Dr.Y.Stephen Xavier
**Coordinator**

Dr.R.Elangovan
**Principal**

# MOOKAMBIGAI COLLEGE OF ENGINEERING

SRINIVASA NAGAR, KALAMAVUR, PUDUKKOTTAI-622502.

Career Guidance and Preplacement Training Cell

# REPORT ON THE TRAINING CLASSES CONDUCTED FOR THE THIRD AND FINAL YEAR ENGINEERING STUDENTS (BATCH 2019-23 AND 2020-24)

## Introduction

This report details the programming training program conducted by the Career Guidance and Preplacement Training Cell of Mookambigai College of Engineering for the benefit of Third (2020-24 batch) and final year (2019-23) engineering students with no standing arrears in the $5^{th}$, $6^{th}$, $7^{th}$ and $8^{th}$ semesters. The program equipped students with in-demand programming skills, focusing on C, C++, and Java, during the academic year 2022-23 (September to November 2022 and Feb to June 2023 ).

## Course Structure

- **Semester:** Odd & Even
- **Target Audience:** Third Year (2019-23 batch) Final year engineering students (2018-22 batch) with no standing arrears in $5^{th}$, $6^{th}$, $7^{th}$ and $8^{th}$ semesters.
- **Resource Persons:**
  - Mrs. Sharmila M.E.,
  - Ms. Jayashree M.E., and
  - Ms. Pavithra M.E.
- **Course Languages:** C (Odd Semester), C++ & Java (Even Semester)
- **Evaluation:** Three Tests per Semester (C, C++, and Java)

## Course Content

## C SYLLABUS

1. Introduction to C
2. C Fundamentals
3. Formatted Input/Output
4. Expression
5. Selection Statement
6. Loops
7. Arrays
8. Functions
9. Pointers
10. Pointers and Arrays
11. Structure and Union
12. Files

## C ++ SYLLABUS

1. C++ Syllabus
2. C++ Overview
3. Functions and Variables
4. Class in C++
5. Constructor and Destructor
6. Operator Overloading
7. Array
8. Pointer
9. String and Dynamic
10. Memory

11. Inheritance
12. Polymorphism
13. Input and Output in C++ Programs

**OOPS CONCEPTS**

## JAVA Java Syllabus

1. Java Fundementals
2. Oops Concepts
3. Access Specifiers, Static Members
4. Inheritance
5. Interface
6. Polymorphism
7. Packages
8. Exception Handling
9. Multithreading
10. I/O, Generics, String Handling

## Course Objectives

- Equip students with a strong foundation in C programming.
- Impart knowledge of object-oriented programming principles in C++.
- Develop proficiency in Java programming for building applications.
- Enhance students' problem-solving abilities and coding skills.
- Increase their employability in the software development industry.

## Course Methodology

The program likely adopted a blended learning approach similar to previous semesters:

- **Interactive Lectures:** The resource persons delivered lectures on core concepts, principles, and object-oriented programming specific to each language.
- **Hands-on Sessions:** Students participated in practical coding exercises to solidify their understanding and gain experience in developing C, C++, and Java programs.
- **Doubt-clearing Sessions:** Dedicated time was allocated to address student questions and resolve any conceptual difficulties.

## Course Assessment

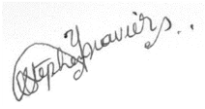
Students' performance was evaluated through three semester-based tests:

- **C Test:** Assessed understanding of C programming fundamentals.
- **C++ Test:** Evaluated grasp of object-oriented programming concepts in C++.
- **Java Test:** Measured proficiency in core Java and advanced Java concepts.
    - The test formats likely included a combination of multiple-choice questions, coding problems, and short answer questions.

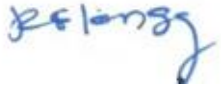
## Expected Outcomes

By successfully completing the training program, students were expected to achieve the following:

- Possess a strong understanding of C programming concepts.
- Apply object-oriented programming principles to develop C++ applications.
- Build robust applications using their acquired Java programming skills.
- Effectively solve problems and translate solutions into well-structured code.
- Stand out from the competition in the job market with their diverse programming skillset.



Dr.Y.Stephen Xavier
**Coordinator**



Dr.R.Elangovan
**Principal**