



**Er. PERUMAL MANIMEKALAI  
COLLEGE OF ENGINEERING**  
ACCREDITED BY NBA & NAAC WITH 'A' GRADE  
Koneripalli, HOSUR - 635 117.



**REPORT ON**

**TWO WEEK STUDENTS INDUCTION PROGRAM**

**FOR FIRST YEAR B.E/B.Tech., STUDENTS**

**Batch - 2023-24**



**Organized by**

**DEPARTMENT OF SCIENCE & HUMANITIES**

**Submitted by**

1. Dr. SP. Prabhakaran, ASP- Physics
2. Mrs. Rathi, AP-English

## About Bridge Course

In an initiative to groom the overall personality of students Er. Perumal Manimekalai College of Engineering, Hosur organized a week induction program for the fresh entrants to B.E / B. Tech. programs, in line with the AICTE requirements. The objective of this program was to help the engineering entrants adjust and feel comfortable in the new academic environment and to furnish them with an ease of transition to mainstream engineering studies through the introduction of ethos and culture of the Institution

The Institute arranged visit of reputed personalities to the campus for motivating the students in the Induction as well followed by sessions stretched for a week. The induction program comprised of Introduction to School to College, Personality Development, Crash course on mathematics, About our Institution, Department visit, Orientation program on self Learning Portals, Familiarization to Dept/ Branch & Innovations, Outbound Training, Linked in Profile Creation, Talent Show, Music & Dance, Painting and Crafts, Health and Hygiene, Sports & games, etc.,

A total of about 830 students participated in this program which was conducted from 09th October to 17<sup>th</sup> October 2023.

## Scope of Bridge Course

This Bridge Course Scope included, but not limited to, the following areas;

| S.No | Activity  | Description   |
|------|---|---|
| 1.   | <b>Common Orientation Program</b>               | First day student's Enrollment and orientation Program with Parents Meet  |
| 2.   | <b>Students Excellence and Learning program</b> | 1. Department Interaction<br>a. Mentor address – Scope & Job perspectives of respective department<br>b. Department Lab Visit |
|      |   | 2. Universal Human Values   |
|      |   | 3. Innovation and Entrepreneurship awareness  |
| 3.   | <b>Proficiency Modules</b>                      | 1. Communication – Language<br>2. Computer Basics   |

|    |                                   |  |
|----|-----------------------------------|--|
|    |                                   | 3. Mathematics<br>4. Internet of Things (IOT)<br>5. Cyber Security<br>6. Demo on electronic Kits         |
| 4  | <b>Physical Activities</b>        | 1. Out Bound Training<br>3. Games  |
| 5. | <b>Creative Arts</b>              | 1 Crash course on documentary film making<br>3. Music and Dance  |
| 6. | <b>Literary Activities</b>        | 1. Reading & Writing<br>2. Debate<br>3. Enacting & Play  |
| 7. | <b>Lectures by Eminent People</b> | 1. Self Confidence & Goal Settings<br>2. Campus Etiquettes & Time Management<br>3. Industry Expectations |

### **About Our Institution & Self Learning Portals**

The Department of Training briefed the newly admitted students about the institution and its achievements to get familiarization of the new environment. Training coordinators explained the details of self-learning portals and their value in enriching the technical knowledge of the students. Given something informative and valuable sources for e-learning platforms and shared them with students.



### **About Our Institution**



### **Orientation program on self Learning Portals**

#### **Crash course on Mathematics**

The students are trained in Mathematical subject .Many shortcut methods are employed by the external trainers in this sessions to strengthen their mathematical skills, which are essential prerequisites for engineering course. Students were enthusiastically involved in crash course on engineering mathematics and gained knowledge.



### **Crash Course on Engineering Mathematics**

#### **Personality Development**

Personality development session helped the students to gain self confident and positive attitude, loyalty, developing strength, further it helped students to define a clear path for the personal and professional goals.





## Personality Development

### School to College

Students were provided the chance to bridge the gap between academic understanding and practical professional experience from school to college . This session helped them to develop their technical skills, build confidence in their abilities, and better prepare them for their future in their domain.



## School to College



## Talent Show

## Talent Show

Our first years had **talent show** in their **bridge course** schedule. This was a great success on encouraging students to shown up their hidden and innate talents. This session helped the students to showcase their aesthetic talents while increasing team work and understanding among students.

## Outbound Training

Students learned a great deal of important and useful information in this OBT Training about how to enhance motivation, performance, teamwork, leadership, and communication skills.

In immersive, real-time outbound training exercises, the participants gave their full attention. These experiences gave them the chance to develop a broad approach toward both their personal and professionals.

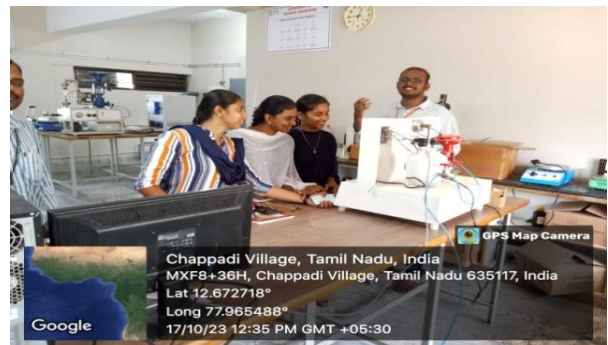


## **Outbound Training**

## Department Visit

As part of the bridge course Department visit also organized for the students to get aware on their domain. Respected Hod's briefed about their department vision and mission , rules and responsibilities and their achievements. Students gained deeper insight into the learning environment. This visit helped the students prepare for the rigors of the engineering curriculum while providing an early transition into college life.





## Department Visit

### Music & Dance

Every individual is unique and possesses special talents. In this music and dance session students were encouraged to show their talents. Students improved strength, endurance and fitness. It helped a great way to meet new friends.



## Music & Dance

### Paintings and Crafts

Art and craft have become an integral part of the college curriculum. Experts from external emphasized the importance of digital art and technical freelancing and they taught them the basics of freelancing, graphic designing etc., It provided students with an opportunity to develop their artistic skills and explore their creativity. The students were highly motivated to learn, explore and grow.



## Paintings and Crafts

### **Linkedin profile creation**

Creating profiles is an inevitable part of the engineering field. In this session, trainers briefed the students about LinkedIn and its uses, creating and optimizing a LinkedIn profile, utilizing keywords to improve visibility, etc. It helped students build a strong professional profile, network with relevant people, and prepare for their future careers.



### **Linkedin profile creation**

### **Sports & Games**

The Department of Physical Education organized sports and games session. Students were encouraged to participate in various games and sports. Sport Expert emphasized about the rules and regulations of various games and sports and motivated the students to participate in competitions and tournaments. They explained how the physical activity ensures healthy growth and development in young people and what are sports facilities available in the college.



### **Health and Hygiene**

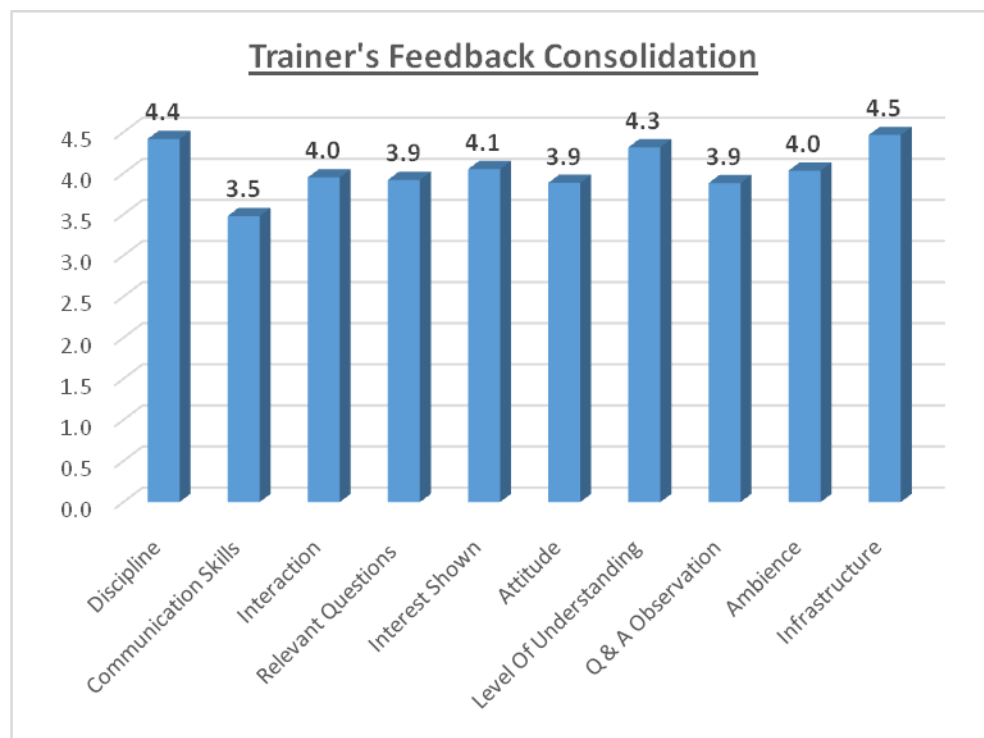
Physical fitness contributes to the healthy overall development. Doctors briefed about the physical and mental wellbeing. They explained about the healthy habits and diet and suggested tips to maintain body and in healthy condition. They offered advice on how to keep the body in good condition as well as an explanation of healthy eating and lifestyle practices.





## 2023 First Year Bridge Course - From 9th Oct 23 To 17th Oct 23 - 7 Days

### Trainers Feedback Consolidated



Session : **Overall**

Note : Score - Highest (5), Lowest (1)

| Area (Session)                          | Discipline  | Communication Skills | Interaction | Relevant Questions | Interest Shown | Attitude    | Level Of Understanding | Q & A Observation | Ambience    | Infrastructure | Overall     |
|---|-------------|----------------------|-------------|--------------------|----------------|-------------|------------------------|-------------------|-------------|----------------|-------------|
| Music & Dance                           | 4.0         | -                    | 3.8         | -                  | 3.5            | 3.5         | 4.0                    | -                 | 4.0         | 4.0            | 3.8         |
| Out Bound Training                      | 5.0         | 3.3                  | 3.9         | 3.0                | 3.4            | 4.0         | 4.3                    | 3.0               | 4.4         | 4.4            | 3.9         |
| Introduction to School to College       | 4.0         | 3.0                  | 3.8         | 5.0                | 3.5            | 3.0         | 4.3                    | 4.0               | 4.5         | 5.0            | 4.0         |
| Crash Course on Engineering Mathematics | 5.0         | 3.0                  | 4.0         | 4.0                | 5.0            | 5.0         | 5.0                    | 5.0               | 4.0         | 5.0            | 4.5         |
| Linkedin Profile Creation               | 4.7         | 4.3                  | 4.3         | 4.0                | 5.0            | 4.3         | 4.5                    | 4.2               | 4.0         | 4.5            | 4.4         |
| Arts & Crafts                           | 3.8         | 3.8                  | 3.9         | 3.6                | 3.9            | 3.5         | 3.8                    | 3.2               | 3.3         | 3.9            | 3.7         |
| <b>Total</b>                            | <b>26.5</b> | <b>17.4</b>          | <b>23.7</b> | <b>19.6</b>        | <b>24.3</b>    | <b>23.3</b> | <b>25.9</b>            | <b>19.4</b>       | <b>24.2</b> | <b>26.8</b>    | <b>24.3</b> |
| <b>Overall Average</b>                  | <b>4.4</b>  | <b>3.5</b>           | <b>4.0</b>  | <b>3.9</b>         | <b>4.1</b>     | <b>3.9</b>  | <b>4.3</b>             | <b>3.9</b>        | <b>4.0</b>  | <b>4.5</b>     | <b>4.1</b>  |

### Notable Comments

- The Head Ship of the college and Top Management have given lot of importance for Students Tech & Non-tech programs
- Infrastructure is adequately provided to conduct the program
- Good Everything
- Time Management is required - Need more time
- Training classes **should be built with Projector** despite they provide all the facilities. It was good
- Overall comment - Very good
- Time Schedule is very short
- Every student shown the interest to activate the Premium
- College Infrastructure is good, nice college as a trainer
- Students co-operate very nicely, listened and enjoyed the training
- **Students made noise, controlled with staff** – Only one Negative comment – On MECH students by Arts & Crafts Faculty

### Action Plan:

- Going forward, To ensure that the training rooms are facilitated with Projector whether the trainer is using it full time or not

## Bridge Course – 2023

**Statement of Expenditure:- (Towards Resource Person Remuneration)**

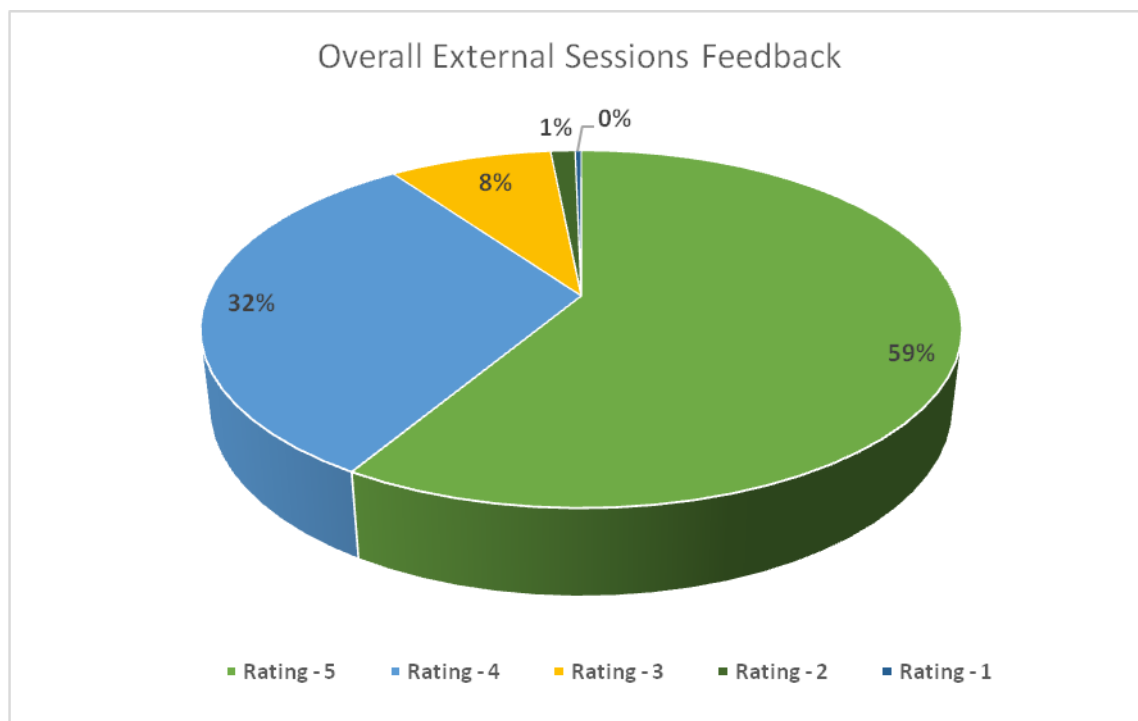
| S. No | Name of the Company   | Training offered  | Bill/ Invoice No.                                    | Amount in Rs.                             |
|-------|---|---|--|---|
| 1.    | <b>"Campus Connection"</b><br>Training service,<br>Chennai  | Introduction to "School to College"   | <b>CC0013/2023-2024</b><br><br><b>Dt: 16/10/2023</b> | <b>2,90,280</b>                           |
| 2.    | <b>"Campus Connection"</b><br>Training service,<br>Chennai  | Personality Development   |  |   |
| 3.    | <b>"Skills and Brains"</b><br>Training Services,<br>Coimbatore  | Out Bound Training  | <b>23-24/07</b><br><br><b>Dt: 17.10.2023</b>         | <b>1,98,240</b>                           |
| 5.    | <b>"Syasan's Career Analytics technology solution",</b> Chennai.  | Crash Course on Engineering Mathematics   | <b>SYS25102023</b><br><br><b>Dt: 25.10.2023</b>      | <b>65,600</b>                             |
| 6.    | <b>"Cripers Dance Academy",</b> Tirupur   | Dance & Music   | <b>HPIV30102023-01</b><br><br><b>Dt: 19.10.2023</b>  | <b>60,000</b>                             |
| 7.    | <b>Mr. Chandru &amp; Team</b><br><br><b>Skills and Brains</b><br>Training Services,<br>Coimbatore   | Paintings & Crafts  | <b>23-24/08</b><br><br><b>Dt: 17.10.2023</b>         | <b>70,800</b>                             |
| 8.    | <b>Prof. Dr. M. P. Joel</b><br><br>Sports Director,<br><br>The Oxford medical<br>College, Hospital and<br>Medical Research<br>Centre, Bangalore | Importance of physical<br>fitness and traditional<br>games<br><br><b>AcNo: 5911131000240</b><br><br><b>Canara Bank,</b><br><br><b>Yadavahalli Branch</b><br><br><b>IIFSC: CNRB0005911</b> | <br><br><br><br><br><br><br>Rs. 10,000/Day           | <br><br><br><br><br><br><br><b>40,000</b> |
|       | <b>Total Cost</b>   |   |  | <b>7,24,920</b>                           |

**\*Rupees Seven lakhs Twenty Four thousand Two hundred and Twenty**



## 2023 First Year Bridge Course - From 9th Oct 23 To 17th Oct 23 - 7 Days

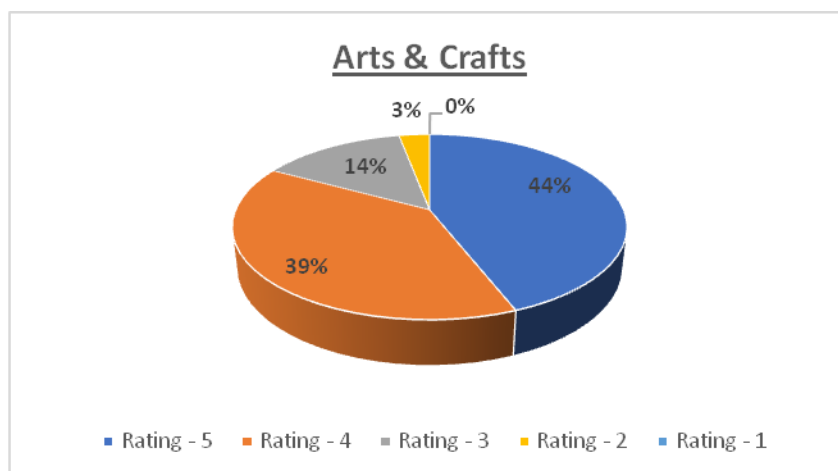
### Students Feedback Consolidated – External Sessions



#### Session : Overall

Note : Score - Highest (5), Lowest (1)

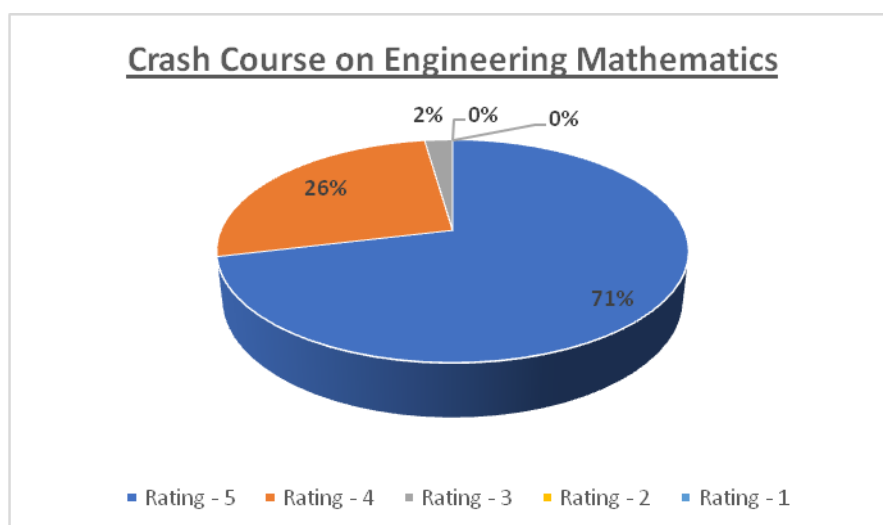
| Area (Session)                          | Rating - 5  | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total       |
|---|-------------|------------|------------|------------|------------|-------------|
| Arts & Crafts                           | 103         | 91         | 33         | 7          | 0          | 234         |
| Crash Course on Engineering Mathematics | 218         | 81         | 7          | 0          | 0          | 306         |
| Introduction to School to College       | 233         | 123        | 38         | 2          | 0          | 396         |
| Music & Dance                           | 206         | 80         | 19         | 3          | 4          | 312         |
| Out Bound Training (OBT)                | 398         | 162        | 48         | 3          | 1          | 612         |
| Personality Development                 | 487         | 340        | 80         | 19         | 4          | 930         |
| Linkedin Profile Creation               | 50          | 36         | 14         | 2          | 0          | 102         |
| <b>Total</b>                            | <b>1695</b> | <b>913</b> | <b>239</b> | <b>36</b>  | <b>9</b>   | <b>2892</b> |
| <b>Percentage%</b>                      | <b>59%</b>  | <b>32%</b> | <b>8%</b>  | <b>1%</b>  | <b>0%</b>  |             |



**Session : Arts & Crafts**

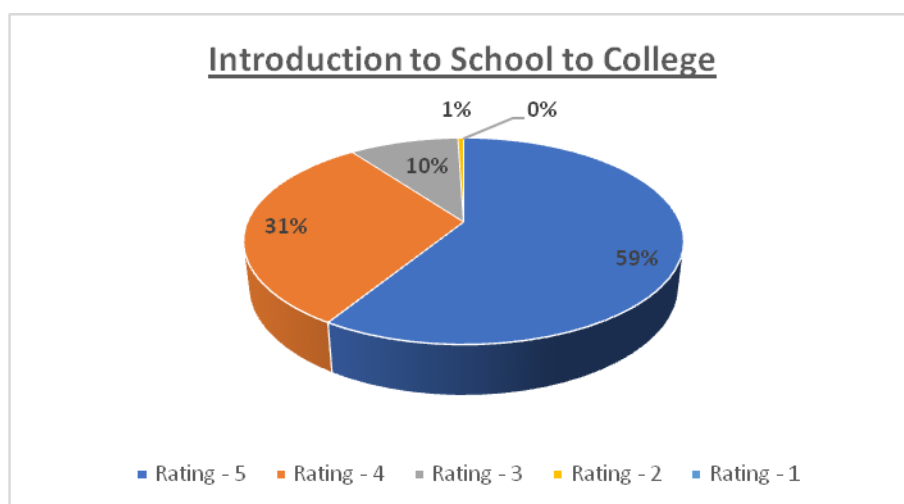
*Note : Score - Highest (5), Lowest (1)*

| Area   | Rating - 5 | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total      |
|--|------------|------------|------------|------------|------------|------------|
| Learning from the Training                       | 20         | 9          | 8          | 2          | 0          | 39         |
| Topics were Covered in an interesting manner     | 14         | 13         | 10         | 2          | 0          | 39         |
| Knowledge of the trainer                         | 17         | 13         | 8          | 1          | 0          | 39         |
| The trainer was Confident & Prepared             | 17         | 13         | 7          | 2          | 0          | 39         |
| Overall, this is an excellent Course             | 18         | 21         | 0          | 0          | 0          | 39         |
| I would recommend this course to fellow Students | 17         | 22         | 0          | 0          | 0          | 39         |
| <b>Total</b>                                     | <b>103</b> | <b>91</b>  | <b>33</b>  | <b>7</b>   | <b>0</b>   | <b>234</b> |
| <b>Percentage%</b>                               | <b>44%</b> | <b>39%</b> | <b>14%</b> | <b>3%</b>  | <b>0%</b>  |            |



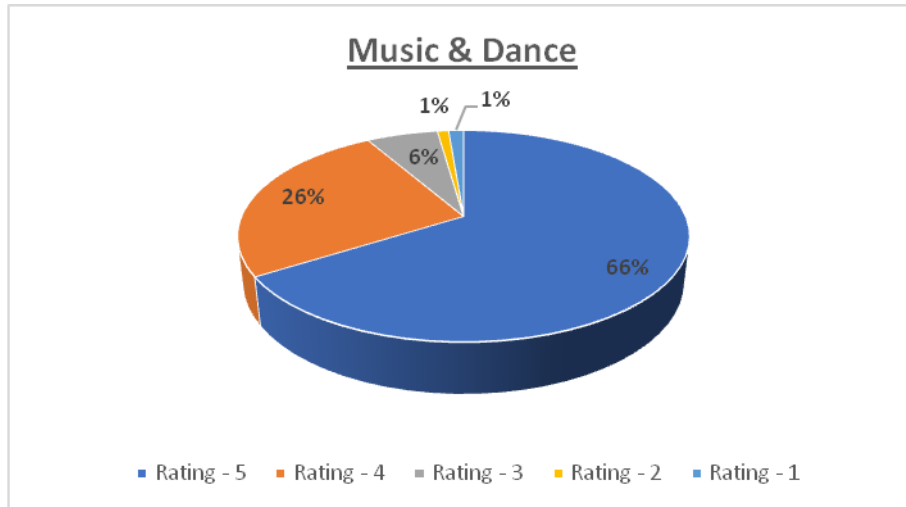
**Session : Crash Course on Engineering Mathematics**
*Note : Score - Highest (5), Lowest (1)*

| Area   | Rating - 5 | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total      |
|--|------------|------------|------------|------------|------------|------------|
| Learning from the Training                       | 41         | 8          | 2          | 0          | 0          | 51         |
| Topics were Covered in an interesting manner     | 31         | 17         | 3          | 0          | 0          | 51         |
| Knowledge of the trainer                         | 42         | 9          | 0          | 0          | 0          | 51         |
| The trainer was Confident & Prepared             | 37         | 12         | 2          | 0          | 0          | 51         |
| Overall, this is an excellent Course             | 37         | 14         | 0          | 0          | 0          | 51         |
| I would recommend this course to fellow Students | 30         | 21         | 0          | 0          | 0          | 51         |
| <b>Total</b>                                     | <b>218</b> | <b>81</b>  | <b>7</b>   | <b>0</b>   | <b>0</b>   | <b>306</b> |
| <b>Percentage%</b>                               | <b>71%</b> | <b>26%</b> | <b>2%</b>  | <b>0%</b>  | <b>0%</b>  |            |


**Session : Introduction to School to College**
*Note : Score - Highest (5), Lowest (1)*

| Area   | Rating - 5 | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total      |
|--|------------|------------|------------|------------|------------|------------|
| Learning from the Training                       | 43         | 14         | 8          | 1          | 0          | 66         |
| Topics were Covered in an interesting manner     | 34         | 20         | 11         | 1          | 0          | 66         |
| Knowledge of the trainer                         | 40         | 15         | 11         | 0          | 0          | 66         |
| The trainer was Confident & Prepared             | 40         | 18         | 8          | 0          | 0          | 66         |
| Overall, this is an excellent Course             | 43         | 23         | 0          | 0          | 0          | 66         |
| I would recommend this course to fellow Students | 33         | 33         | 0          | 0          | 0          | 66         |
| <b>Total</b>                                     | <b>233</b> | <b>123</b> | <b>38</b>  | <b>2</b>   | <b>0</b>   | <b>396</b> |
| <b>Percentage%</b>                               | <b>59%</b> | <b>31%</b> | <b>10%</b> | <b>1%</b>  | <b>0%</b>  |            |



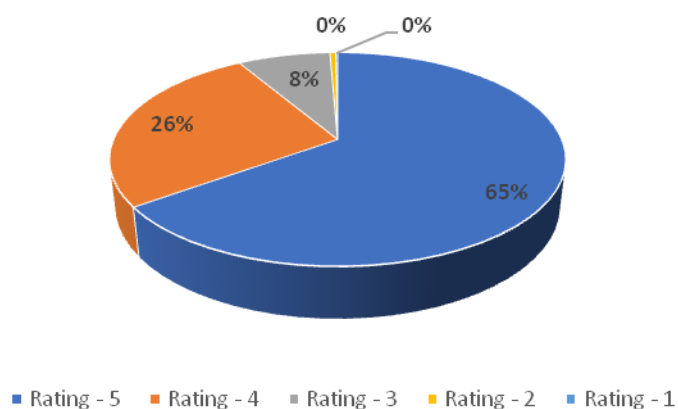


**Session : Music & Dance**

*Note : Score - Highest (5), Lowest (1)*

| Area   | Rating - 5 | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total      |
|--|------------|------------|------------|------------|------------|------------|
| Learning from the Training                       | 37         | 7          | 6          | 1          | 1          | 52         |
| Topics were Covered in an interesting manner     | 30         | 13         | 8          | 0          | 1          | 52         |
| Knowledge of the trainer                         | 39         | 9          | 3          | 1          | 0          | 52         |
| The trainer was Confident & Prepared             | 39         | 10         | 1          | 1          | 1          | 52         |
| Overall, this is an excellent Course             | 33         | 17         | 1          | 0          | 1          | 52         |
| I would recommend this course to fellow Students | 28         | 24         | 0          | 0          |            | 52         |
| <b>Total</b>                                     | <b>206</b> | <b>80</b>  | <b>19</b>  | <b>3</b>   | <b>4</b>   | <b>312</b> |
| <b>Percentage%</b>                               | <b>66%</b> | <b>26%</b> | <b>6%</b>  | <b>1%</b>  | <b>1%</b>  |            |

### Out Bound Training (OBT)

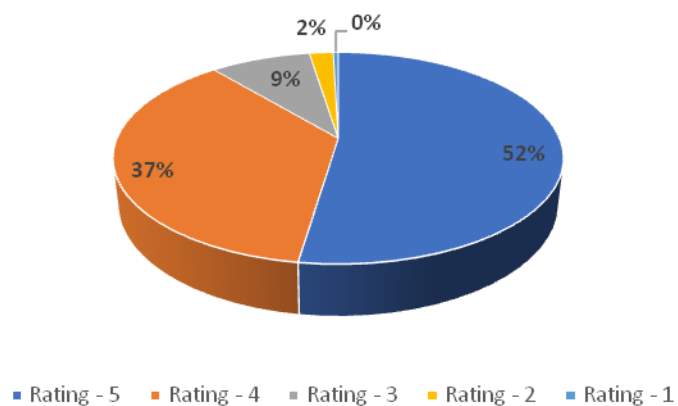


#### Session : **Out Bound Training (OBT)**

*Note : Score - Highest (5), Lowest (1)*

| Area   | Rating - 5 | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total      |
|--|------------|------------|------------|------------|------------|------------|
| Learning from the Training                       | 68         | 23         | 11         | 0          | 0          | 102        |
| Topics were Covered in an interesting manner     | 60         | 24         | 17         | 1          | 0          | 102        |
| Knowledge of the trainer                         | 68         | 23         | 10         | 1          | 0          | 102        |
| The trainer was Confident & Prepared             | 66         | 25         | 10         | 1          | 0          | 102        |
| Overall, this is an excellent Course             | 72         | 29         | 0          | 0          | 1          | 102        |
| I would recommend this course to fellow Students | 64         | 38         | 0          | 0          | 0          | 102        |
| <b>Total</b>                                     | <b>398</b> | <b>162</b> | <b>48</b>  | <b>3</b>   | <b>1</b>   | <b>612</b> |
| <b>Percentage%</b>                               | <b>65%</b> | <b>26%</b> | <b>8%</b>  | <b>0%</b>  | <b>0%</b>  |            |

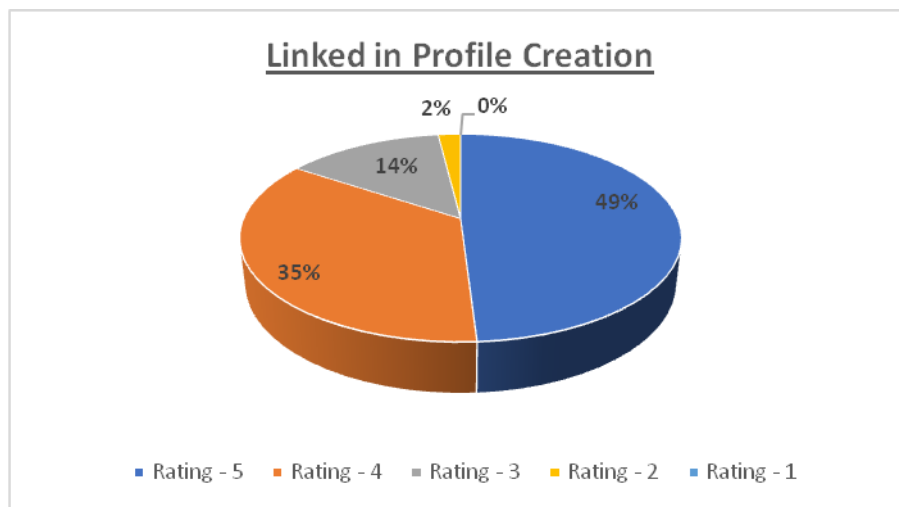
### Personality Development



Session : **Personality Development**

Note : Score - Highest (5), Lowest (1)

| Area   | Rating - 5 | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total      |
|--|------------|------------|------------|------------|------------|------------|
| Learning from the Training                       | 80         | 52         | 18         | 5          | 0          | 155        |
| Topics were Covered in an interesting manner     | 71         | 59         | 21         | 4          | 0          | 155        |
| Knowledge of the trainer                         | 80         | 50         | 21         | 4          | 0          | 155        |
| The trainer was Confident & Prepared             | 87         | 48         | 16         | 3          | 1          | 155        |
| Overall, this is an excellent Course             | 82         | 68         | 3          | 1          | 1          | 155        |
| I would recommend this course to fellow Students | 87         | 63         | 1          | 2          | 2          | 155        |
| <b>Total</b>                                     | <b>487</b> | <b>340</b> | <b>80</b>  | <b>19</b>  | <b>4</b>   | <b>930</b> |
| <b>Percentage%</b>                               | <b>52%</b> | <b>37%</b> | <b>9%</b>  | <b>2%</b>  | <b>0%</b>  |            |



Session : **Linked in profile Creation**

Note : Score - Highest (5), Lowest (1)

| Area   | Rating - 5 | Rating - 4 | Rating - 3 | Rating - 2 | Rating - 1 | Total      |
|--|------------|------------|------------|------------|------------|------------|
| Learning from the Training                       | 9          | 4          | 4          | 0          | 0          | 17         |
| Topics were Covered in an interesting manner     | 7          | 6          | 4          | 0          | 0          | 17         |
| Knowledge of the trainer                         | 9          | 5          | 2          | 1          | 0          | 17         |
| The trainer was Confident & Prepared             | 8          | 4          | 4          | 1          | 0          | 17         |
| Overall, this is an excellent Course             | 9          | 8          | 0          | 0          | 0          | 17         |
| I would recommend this course to fellow Students | 8          | 9          | 0          | 0          | 0          | 17         |
| <b>Total</b>                                     | <b>50</b>  | <b>36</b>  | <b>14</b>  | <b>2</b>   | <b>0</b>   | <b>102</b> |
| <b>Percentage%</b>                               | <b>49%</b> | <b>35%</b> | <b>14%</b> | <b>2%</b>  | <b>0%</b>  |            |

**Students Notable Feedback:**

- All the feedbacks are positive, except one
- “So bad in dance” – Master has given some comments on his dance movements to him in front of others. So, he got angry and given negative feedback. He has agreed the same and given letter with explanation.