



**“SCIENCE FAIR FOR YOUNG CHILDREN CHAMPIONS LEAGUE”
AND APPRECIATION LUNCH FOR THE
WINNERS OF INTERNATIONAL COMPETITIONS IN 2018**

REPORT

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Our Heartfelt Thanks!

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LTT Global Communication

Headmasters/Headmistress

Teachers

Parents

Students

And

To all the Judges, Volunteers and Event Committee Members

Executive Summary

Science Fair for Young Children Champions League (SFYC-CL) Programme is a pilot programme organised by the Association of Science, Technology and Innovation in collaboration with the Minister of Water, Land and Natural Resources. SFYC Champions League is a project to appreciate the winners of various international competitions in 2018 and followed by lunch and prize giving ceremony.

The main aim of SFYC-CL is to train young people to develop a different perspective on their invention (*i.e.* the business or commercial perspective). SFYC Champions League began by compiling the list of Tamil school winners of various international competitions in 2018. We had a total of 28 schools and 72 teams that were shortlisted based on their various achievements. The shortlisted teams were given online training module prior to the event. The online training had materials related to developing a business plan.

A total of 39 teams participated in the competition by presenting their invention business plan to the judges. The product were evaluated by judges who were real-life entrepreneurs and business people and given prizes accordingly.

About 24 judges attended the event headed by the Chief Judges, Dato' Dr Dionysius Shankar Kumar and Mr.Sri Themudu. The judges were given short briefing and they were divided into 4 groups to evaluate the teams.

After the judging process these teams along with other teams attended our appreciation lunch hosted by Minister YB Dr. Xavier Jayakumar. The total teams that attended the lunch were 59 teams.

This SFYC Champions League Programme was fully funded and supported by YB Dr. Xavier Jayakumar, Minister of Water, Land and Natural Resources. We would like to take this opportunity to thank YB and the Ministry for their continuous support for our projects.

1.0 Introduction and Background

ASTI is a not-for-profit, non-governmental organization (NGO) with the objectives of empowering young children through various science-based and, skills-development projects such as Science Fair for Young Children (SFYC), Young Inventors Challenge (YIC), Creative and Critical Thinking Camp (CCTC), the ASTI Leap Challenge (ALC) and also, a teacher training programme, *On the Wings of Fire Series*, in which we help build the teaching community's confidence through new teaching content and methodologies that is much-needed in today's fast-changing world. We also conduct various outreach programmes throughout the year to augment our science-related educational goals.

Science Fair for Young Children, SFYC, is a programme held annually among Tamil schools in Malaysia to encourage and strengthen the learning of science among school children. Science Fair has been a platform and an opportunity for young children to showcase their scientific knowledge and skills. For the past 11 years, SFYC was conducted at 3 levels: which are the school, zone and national levels. About 700 teachers are trained and about 60,000 participants take part in these events every year. These teams have gone on to win international awards in England, London, Korea, Indonesia, Taiwan, China, Hong Kong, Canada, Russia and many other countries.

Thus, YB Dr. Xavier Jayakumar, Minister of Water, Land and Natural Resources and Association of Science Technology and Innovation organized an appreciation ceremony for the winners of various international competitions in 2018 through a special “**SFYC Champions League Programme**” and followed by an appreciation lunch and prize giving ceremony.

All the teams that won were invited to the appreciation lunch and were also invited to participate in the SFYC-CL to develop their entrepreneurship skills. A total of 59 teams accepted to attend the appreciation lunch and 39 teams agreed to participate in SFYC-CL.

In SFYC Champions League, the students were provided with guidelines on how to commercialize their product. The main aim is to train young people to get a different perspective on their invention (*i.e.* the business or commercial perspective). It is ASTI's believe that this events the natural progression from their various innovation based competitions of the past.

The products were evaluated by about 24 real-life entrepreneurs, business people and innovators. The best 3 business plans were given a cash prize of RM 1000 each and certificates of award. All the other teams were given certificate of Achievement and medals.

2.0 Methodology

The aims and objectives of SFYC-CL are:

- To train young people to get a different perspective on their invention – the business or commercial perspective.
- To introduce and train young people on the basic steps in entrepreneurship.
- To introduce young people to business models and business plans.
- To introduce and train young people to do a business pitch.

In order to achieve the aims and objectives, ASTI formed a project implementation group chaired by the President with members including Ms. Vanitha Vasu, Ms. Caroline Maria and Ms. Umahsankariah Muthunaikar. The team then identified the venue and it was decided the event would be held at the Midlands Convention Centre. It was chosen for its central location and reasonable price.

The team also compiled the list of all the winners of various international competition from SJKTs in the year 2018. The list was compiled with the help of the SFYC National and International competition coaching team, chaired by Dr. Subramaniam Gurusamy and Mr. Jayashri Selvandran J Thanapal.

Once the list was compiled, the ASTI secretariat drafted and sent out invitation letters to these schools. The letter invited them for the appreciation lunch to be hosted by YB Dr Xavier Jayakumar. The teams were also invited to participate in a special event called the SFYC Champions League whereby the teams were asked to think about commercialising the product which they used to win the various competitions. After sending the letter, follow up calls were made to the respective schools.

In this competition, we aim to focus the attention on a business plan rather than the product. The training materials were developed by a team focusing on building an entrepreneur. The training materials were developed for the participants to learn about among other things:

- Business model- What is business model?
- Marketing and customer segmentation- How to sell your product? How to get people interested in your product?
- Revenue, cost and profit- How to manage your money?
- Intellectual property- Introduction to IP.
- Business pitch- How to sell your ideas to investors?
- Business plan- Introduction to business plan.

The module was created in PowerPoint presentation for the teachers and students. The modules were sent to the teachers via email. Physical training could not be done because of financial constraints.

The judging score sheet was also developed with the help of Mr. Sri Themudu who is a start-up specialist and Mr. Velavan Sengodan who is also the Chief Judge for the Young Inventors Challenge.

Each team was also required to submit a 3 page business plan 1 week before the event. Many teachers and schools called and were given guidance accordingly and the enthusiasm could be seen in the teachers in learning something new – the development of entrepreneurs and not just inventors.

3.0 The Champions League

Arrival, Registration and Breakfast

Science Fair for Young Children Champions League was held on 30th March 2019 at Midlands Convention Centre, Selangor. The event started at 8.00 a.m. with the arrival and registration of the participants. This was followed by breakfast. A total of 39 teams registered for the Champions League competition and another 20 teams registered for the Lunch and Appreciation Ceremony. After the registration and breakfast session, participants were allowed to setup their invention models.



The registration for participants for SFYC-CL

Model Setup, Opening Ceremony and Judging

Once the models were setup, the opening ceremony was held at 9.30 a.m. The event was officiated by Tan Sri Dr. Wan Mohd Zahid Mohd Noordin, Chairman of National Education Advisory Council. Next on the agenda was the briefing by the Judging Team at 10.00 a.m. Around 24 judges were present to judge the inventions and they mostly comprised of university lecturers, business entrepreneurs and intellectual property specialist, etc.



Opening Ceremony and Judging at Booths

Teacher's Dialogue Session

While the judging process was ongoing, a dialogue session was arranged with Tan Sri Dr. Wan Mohd Zahid Mohd Noordin, Chairman of National Education Advisory Council, Major General Dato' Yusri Anwar and Mr.Ramanathan Perianan who were also the members of National Education Advisory Council (NEAC). The dialogue session was an informative discussion and sharing of knowledge and information between the teachers and the NEAC. Beside the dialogue session, there were also sharing sessions on STEM Education Platform by LTT Global Communication.



Teachers Dialogue and Sharing Session



VVIP, Guest and Public Viewing

The public was allowed to visit the booths and inventions during the judging time as it was only a half a day event. VVIP and Guests also visited the booths and talked to the participants to get to know their invention ideas and their plans on how they proposed to commercialise their product. Public viewing session was closed at 1.00 p.m for lunch and the appreciation ceremony.



Visits by various members
of the public including
Minister YB Dr. Xavier



Prize Giving Ceremony and Appreciation Lunch

Our Guest of Honour YB Dr. Xavier Jayakumar, Minister of Water, Land and Natural Resources arrived at 12.30 p.m.

The VIPs and Guests who attended the event were:

Tan Sri Dr. Wan Mohd Zahid Mohd Noordin
Chairman
National Education Advisory Council

Major General Dato' Yusri Anwar
Member
National Education Advisory Council

Mr.Ramanathan Perianan
Member
National Education Advisory Council

Dato' Seri A. Thaiveegan
Commissioner of Police (Rtd)
Ex CPO of Penang

Y.Bhg Datuk A. Sothinathan
Director
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Mr.Thiagaraja S.Rengasamy
CEO
K-Pintar Sdn Bhd

Dr. Kumaravalu Ramasamy
Pegawai Khas Kanan (YBTM)
Pejabat Timbalan Menteri Pendidikan

Mr.Nagarathnam Muthayan
Penolong Pengarah
Bahagian Pengurusan Sekolah Harian

All the VVIPs and guests visited the booths and the participants presented their business ideas to them with great excitement.

Mr.Saktivel Ganeson and Mr.Preetiviraj were the master of ceremony for the Appreciation Lunch and Prize Giving Ceremony.

Before the Prize Giving Ceremony, few of our dignitaries gave their speeches. Dr.Mohamed Yunus Yasin first gave his welcoming remarks. He congratulated all the teams for their excellent participation in various International Competitions. He added that this should not be the end of their journey and the students should continue their inventing and innovating.

After the speech by Dr.Mohamed Yunus Yasin, a multimedia presentation on the SJKTs winning various international competitions was played for the viewing pleasure of all present.

After the multimedia presentation, the guest of honour, YB Dr. Xavier Jayakumar, Minister of Water, Land and Natural Resources was called upon on stage to deliver keynote speech followed by launching of a new project called Young Inventors Journal the Paper Writing Competition which is also funded by the Minister's office.

As the patron of the competition, the Minister demonstrated an experiment on Clean Water and Sanitation and Dr.Mohamed Yunus Yasin joined to give the explanation of the experiment. After that, Dr.Mohamed Yunus Yasin, presented a token of appreciation to YB Dr Xavier Jayakumar.

Dato' Dr Dionysius Shankar Kumar, Chief Judge of SFYC Champions League 2019 was the called on stage to give his judging feedback and comments. He said that the judges had a tough time judging the participants due to their amazing inventions and business plan. He also gave his words of encouragement to continue their journey of discovery. After his feedback, he passed the results to our emcees.

Finally, Dr.Subramaniam Gurusamy gave his thank you speech in which he encouraged the participants, regardless of the result, not to give up and to continue their inventive journey. Besides that, he also thanked everyone involved in SFYC Champions League 2019 including the volunteers in making this event a great success.

All the participants were given certificate of Achievements and Medals for their participation in various international competitions followed by the announcement of the best three inventions business plan. The details of the winning teams are as below:

Winners of SFYC Champions League 2019



**SCHOOL NAME:
SJKT PUCHONG**

**INVENTION TITLE:
VEGE D'JACK NUGGETS**



**SCHOOL NAME:
SJKT TAMAN TUN AMINAH**

**INVENTION TITLE:
BANANA FIBRE ROOF**



**SCHOOL NAME: SJKT
LADANG WELLESLEY**

**INVENTION TITLE:
HOMEMADE BIODIESEL
PROCESSOR**

4.0 List Of Schools And Teams That Participated In Various International Competitions In 2018

NO	SCHOOL	COMPETITION	TITLE	MEDAL	STUDENTS
1	SJKT ARUMUGAM PILLAI	MOSCOW INTERNATIONAL SALON OF INVENTION AND INNOVATIONS TECHNOLOGIES 2018	STAPY NATURAL HAIR DYE	GOLD	V.SANJEEVKUMAR
2	SJKT BATU CAVES	INOVA 2018 (CROATIA)	CARGO MEAL VERSION 2.0 (COOKIES)	GOLD MEDAL & WIIPA SPECIAL INVENTION AWARD IN INOVA 2018	VELMURUGESWARAN A/L MUNISWARAN VISHAL A/L KATHIRESAN MERVIN RAJ ANTHONY A/L JAYASIMMAN NAVINKUMAR A/L PONNUSAMY RAVIESH SAI A/L BALACHANDAR
3	SJKT DESA CEMERLANG	I-FINOG 2018	MORICO BAR	GOLD	KHAVIN PANNIR SELVAM BRYAN SELVARAJ PREETISH MURUGAN
4	SJKT FES SERDANG	ITEX 2018	ECO- CABINET	GOLD	AISSHVARYA BATUMALAI DEENASYAH PUSARASAN SANTHIYA RAJASEGERAN DIVYA ARJUNAN THIRUMUGAN VELSANMUGANATHAN
5	SJKT JALAN YAHYA AWAL	4TH WORLD INVENTION INNOVATION CONTEST (WIC) 2018, KOREA	THE MAGIC OF SANDOGIUM PIPEROMA	GOLD AND SPECIAL AWARD	SATHYA RIISHI A/L SUBRAMANIAM DARSHANA SHRI A/P SUBRAMANIAM THAMILHVEL THANIGHAIVEL
6	SJKT JALAN YAHYA AWAL	ITEX 2018	MOSQIGO HALOLITE	SILVER	S. SATHIANANTHINI, MOHD AZRI, K. KSRIRAM
7	SJKT JALAN YAHYA AWAL	I-FINOG 2018	PAPER MAX SPONGE	SILVER	HANISHA SHRI A/P GANESAN SHASHIN A/L RAJENDRAN AWANTHYKA ZRYE A/P SATHIA SEELAN
8	SJKT JALAN YAHYA AWAL	ITEX 2018	PAPERMAX CYCLING MACHINE	GOLD	NAAVELANNRAJU A/L R JAYARAJU SAAILLESH A/L SAHTI KUMAR KSRIRAM A/L KESAVAN TINESHWAR A/L SIVAKUMARAN
9	SJKT JALAN YAHYA AWAL	IIRISE 2018 (INTERNATIONAL RESEARCH INNOVATION INVENTION SOLUTION EXPO IN UM)	EARTH SAVE BIO MULCH	GOLD & SPECIAL AWARD	HARIS A/L SELVARAJU MOHGIENDREN A/L TIRUVARASU KANISHAA A/P RAJA
10	SJKT JALAN YAHYA AWAL	I-FINOG 2018	SUPERSHINE DETERGENT	SILVER	THIVTARSYAN A/L VASANTHAN AKHALYHA A/P MAGADESH KAYALLVILI A/P RAMES
11	SJKT JALAN YAHYA AWAL	I-FINOG 2018	CITY FARMING	GOLD	V.SHAVEENA R. DARSHIKA M.PHUVANI
12	SJKT JALAN YAHYA AWAL	4TH WORLD INVENTION INNOVATION CONTEST (WIC) 2018, KOREA	SMART, SAFE AND SUSTAINABL E (3S) URBAN FARM	GOLD AND SPECIAL AWARD	NILAVARASEN A/L SUBRAMANIAM MUGILAN A/L KOVALAN DIWVIYAASRI A/P GOVALAN
13	SJKT JALAN YAHYA AWAL	KLESF 2018	WHEEL OF IQ	BRONZE	SHARANYA KUNALAN DIWVIYAASRI GOVALAN SARAH CLAIRE DANNY

14	SJKT JALAN YAHYA AWAL	KLESF 2018	EYE ON MATHS	BRONZE	MONISH THINAGARAN MITRASHREE SURESH SHARVINEESWARY RAMU
15	SJKT JALAN YAHYA AWAL	INTERNATIONAL STEM OLYMPIAD ISTEMO 2018	THE VISION MMRI	GOLD AND BEST OF THE BEST PROJECT AWARD	NILAVARASEN SUBRAMANIAM
16	SRJKT JENJAROM	INOVA 2018 (CROATIA)	THE RICE VESSELS	GOLD	DIVYAA SURUTHI A/P SURESH THIVYA SRI A/P CHANDRASEGARAN GIRTHANISHA A/P SIVAKUMAR
17	SRJKT JENJAROM	ITEX 2018	THE AUTOMATIC WHITEBOAR D ERASER	BRONZE	KARTIKEYAN A/L THAVANDRAIN KISHYAN A/L SUBAINDRA KISHALINI A/P SUBAINDRA
18	SJKT KAJANG	ITEX 2018	HERBAL CANDY	BRONZE	INUHEESHVA A/L VIKNESWARAN DHAARNEYSH A/L NAGENDRAN LOSINI A/P MUNIANDY MADURACARMAJAI A/L SIVAKUMAR YOTESHWARAN A/L SHANMUGANATHAN BARATH A/L P.CHANDRAN RUBASHINI A/P DEVARAJ
19	SJKT KAJANG	ITEX 2018	FLEXI-FLASK (2018)	SILVER	HARESH KUMAR A/L SURESH KUMAR BAVANI SHREE A/P GANGATHARAN YUTHA SRI A/P SUTHANANTHAN ABISHEGAPRIYAN A/L SARAWANAN KALAIMATHI A/P Y. THAMIL CHELVAM ABBIRAMI A/P KIRUPAGARAN JAGATHYSS A/L SUBRAMANIAM IMMANUEL A/L JAYAKUMAR VINCENT RUVENISH RAO A/L SIVASHANKARA RAO
20	SJKT KAJANG	ITEX 2018	2FAS –FLASH FLOOD ALERT SYSTEM	GOLD	PARAMANANDA A/L RAJENDRAN ABHIRAMI C MARAN THASHVINA A/P K. PUSHPARAJAN SHANJAHNI A/P SARAVANAKUMAR YESHWANTH KUMAR A/L HARIHARAN
21	SJKT KAJANG	ITEX 2018	HERBAL CHEWING GUM	SILVER	DHANESH KUMAR A/L SURESH KUMAR HARENDRRA KUMAR A/L SURESH KUMAR BHAIRAVI A/P THIRUNAVUKARASU JAZLYNN ANUSHRE A/P DEVITRAJ CHRISTELLA ASHIRA DHANESH A/L SUBRAMANIAM NAVEEN RAMASAMY A/L KULANTHAYAN REAGEN PILLAI A/L ANTHONY PILLAI
22	SJKT KAJANG	ITEX 2018	ALOERICA – HAND SANITIZER	SILVER	DANEASH PUBALAN KUHAN SUBRAMANIAM MUNISASHINI SUBIKSHA MEIYAPPAN THESIGHAN A/L SUBRAMANIAM DIRREN PUBALAN DIVESH SANGAR OGITH NAGESH@NANDA VINITHRA SANGAR
23	SJKT KAJANG	ITEX 2018	MOSQUITO REPELLENT CONE	GOLD	LOGAA PREYAH A/P BASKARAN VAISHNAVY A/P BASKARAN PARMITA A/P ARULDAS SANMATHY A/P RAMACHANDRAN VIMAL A/L PUGANESWARAN DEVALEKHA A/P CHLVAMANU
24	SJKT KAJANG	ITEX 2018	NUCIFERA LIP GLOSS	GOLD	RISHETERAN MUTHAMIL SELVAN THANUSH KUMAR SINNATHAMBY LOGESHSHREE A/P PARAMASIVAM DIVENDRAN RAJOO VASHNAVE A/P ARUL KRISHNAN SHAARWIN A/L JEGATHESAN

25	SJKT KAJANG	ITEX 2018	MIGHTY BRICK	BRONZE	NIVETHAN A/L SIVAM DINESH A/L GUNALAN VASENT RAO A/L PRAKASH RAO PREMSHALINI A/P KUMAR LUVINDRAA A/L MURUGAN PIRAVINA A/P MURUGAN VARSHAN A/L KALITAS
26	SJKT KAJANG	ITEX 2018	KIDDIE HEALTHY LOLLIPOP	SILVER	DILANI A/P RAJINI KUMAR TRISHAANTH A/L VADIVELLOO CHANTHIRASEGARAN A/L VADIVELLOO LUGASHINY A/P MOHAN DENEESHA A/P R. SANTHIRAN
27	SJKT KAJANG	ITEX 2018	SCHOOL ATTENDANC E SYSTEM	SILVER	RUBBHAN A/L UTHAAYASOORIYAN SANDRA ANNE RAJ A/P SANTHANA ELWIN ARVESH A/P VIKNESWARAN HASSHANA A/P SUTHAGAR DEEPIKHA A/P SHANMUGAM THAARAGAH SASTRI A/P SATHA SIVAM PANITHRA SASTRI A/P SATHASIVAM HARINTHIRAN A/L LOGA KISANTHAN A/L RAVI THANUSIYAA A/P HARITHARAN
28	SJKT KAJANG	ITEX 2018	ALERT WATCH	SILVER	RITTESH A/L KESAWAN NARMITHAA A/P NATHAN HAYRRISH JAY JEEVARAJA HARVINDAN A/L NARASHIMAN VIDYA A/P THANARAJAN YASSHMITRA NAIR CHANTHURU
29	SJKT KAJANG	ITEX 2018	HERBY SOLUBLE POUCH	GOLD	KAVIN A/L SATHASEELAN DHANESH A/ DEVASAGAYAM KIVEEN JONATAHAN RAO A/L BENNY RAO DIVYEASHAN A/L ARIKRISHNAN DAASHAYANI A/P GOPINATH VASUDEVV A/L KUNALAN
30	SJKT KAJANG	ITEX 2018	9PURE – AIR PURIFIER	SILVER	KIRIBASRE A/P MUTHUSAMY KIRTIKA A/P RAGUNATHAN PREETHISHA A/P MAHENDRAN THEVIYA MALAR A/P GUNALAN
31	SJKT KAJANG	ITEX 2018	MAGIC- MULTI- PURPOSE STAIN REMOVER	SILVER	RISHIKA NAIR A/P SRI PRASANAN JESMETHA NAIR A/P SRI PRASANAN SANGKEERTANA A/P MUGLAN KATHIRES A/L THIVAKARAN DIVESH REDDY DIVIYA KALAISELVAN VISHAL KALAISELVAN REVATHY KALAISELVAN
32	SJKT KAJANG	ITEX 2018	LIFE SAFETY BELT	SILVER	GANGESS MURUGAN AISHWARYA LAKSHMI ERRISSON NUR PARVEENA YOUSOF VISHAL MENON NANTHAKUMARA A/L CHANDRAMOGAN THIERTHAN A/L THAMBYARASU KIRTEN A/L THIAGARAJAH
33	SJKT KAJANG	INTERNASIONAL ROBOTIC OLYMPIAD, PHILIPPINES	OIL SPILL REMOVER	BRONZE	DIVYEASHAN ARIKRISHNAN TRISHER NISHEL KUMAR ARRVINDHAN JAICHANDRAN
34	SJKT KAJANG	INTERNASIONAL ROBOTIC OLYMPIAD, PHILIPPINES	AUTONOMO US RUBBISH COLLECTOR	SILVER	RUBBHAN UTHAIYA SOORIYAN RAVIN MARIMUTHU PARAMANANDA RAJENDRAN
35	SJKT KULIM	GLOBAL YOUNG SCIENTISTS CHALLENGE 2018, VISAKAPATINAM , INDIA.	CHILL HERBAL AIR COOLER	GOLD	SARVIIN NYANASEGARAN ARIVALAGAN KRISHNAN RAPHAEL SEBASTIAN WALLACE RAYMOND YATHANESSH THANGARAJ

36	SJKT KULIM	5TH INTERNATIONAL YOUNG INVENTORS AWARD (IYIA) 2018, BALI	SMART WATER PURIFIER	GOLD	YOGESSVARI D/O KURUNATHAN VINHYA SREE D/O DEVINDRAN CASHRAAH SAMUEL D/O SAMUEL PRAVEEIN S/O PARAMANATHAN
37	SJKT LADANG BULOH AKAR	INTERNATIONAL ENGINEERING INVENTION AND INNOVATION 2018 (I-ENVEX 2018)	BEST GREEN PAPERS – INNOVATIVE LY PRODUCED BIODEGRAD ABLE GREEN PAPERS	SILVER	GUHAN RAJ KRISHNA KUMAR AJAY RAO CHANDRAN AND SURYAMOORTI SIVAM
38	SJKT LADANG KINRARA	ITEX 2018	AIR COND WINDMILL GENERATOR	SILVER	RISHIKA VIJAYAN, KUMARAVELAN SARAVANAN, THINESHHWARAN GOBALAN, RAMRESH SREE SREENIVASAN, TAMILARASI SAMINATHAN, TARSHIKA VIJAYAN
39	SJKT LADANG KINRARA	ITEX 2018	DRINK ME TIMELY	SILVER	KAVIN LUGARAJAN VARHENYAASRI SURESH KUMAR SAI ASHWINA VASAGAMOORTHY
40	SJKT LADANG KINRARA	ITEX 2018	MOTORIZED WHITE BOARD ERASER	BRONZE	YUKTHA SUBRAMANIAM TRISHNA PANNIRSELVAM THANAJAN SIVA KUMAR SAHARNASHRE PARAMESPARAN NAIDU NIRANTARII SIVA KUMAR
41	SJKT LADANG KINRARA	WORLD INVENTION CREATIVITY OLYMPIC (WICO) 2018, KOREA	IR CAMPING KIT	GOLD AND SRIT SPECIAL AWARD FROM INDIA	DHYAANA SHIVANYAA CHANDRASEGAR KEEXALINEE MUNIANDY YOGENDRAN KALAI SALEVIAM KEESHAAN KRISHNAN SWAATHI MULLAICHELVAN DEVIKA MUNIANDY
42	SJKT LADANG KINRARA	WORLD INVENTION CREATIVITY OLYMPIC (WICO) 2018, KOREA	PORTABLE HARDWATER FILTER	GOLD AND BEST PRESENTAT ION AWARD	KIRTANA A/P KUMARAN SHIRNDHIYA RACHINI A/P JEGIS SANCENA MADAVAN LAAVANAN A/L VIGNESHWARAN MUVENDRAN A/L SUBRAMANIAM
43	SJKT LADANG KINRARA	INTERNATIONAL EXHIBITION FOR YOUNG INVENTORS (IEYI) 2018, INDIA	E-HARD FILTER	BRONZE & SPECIAL AWARD FROM INDIA	KEEXALINEE MUNIANDY KEESHAAN KRISHNAN MUVENDRAN SUBRAMANIAM SANCANA MADAVAN
44	SJKT LADANG KINRARA	INTERNATIONAL EXHIBITION FOR YOUNG INVENTORS (IEYI) 2018, INDIA	ECO WATER TEA BAGS	SILVER & SPECIAL AWARD FROM THAILAND	SWAATHI MULLAICHELVAN NIRANTARII SIVA KUMAR SURUTHI BALACHANDER VARHENYAASRI SURESH KUMAR
45	SJKT LADANG MOUNT AUSTIN	ITEX 2018	RESEARCH OF SECONDARY METABOLITE S IN PLANTS INSECT REPELLENT	GOLD	L.KAVYNAS S.RESSHNA SRI C.CHANRAHASHWINI
46	SJKT LADANG MOUNT AUSTIN	IPITEX 2018, BANGKOK, THAILAND	ECO FARM GUARD	SILVER	E. AADITHYAA S. SHARVIN R. DIVESH V. DHARMINI
47	SJKT LADANG RINI	5TH INTERNATIONAL YOUNG INVENTORS AWARD (IYIA) 2018, BALI	MAC BAR	GOLD	DARSHINI SARVIN RAJAN KILASHINI PRASANTH SAVITSASHINI

48	SJKT LADANG SABRANG	EUREKA INNOVATION EXHIBITION INTERNATIONAL LEVEL, UNIVERSITI UTARA MALAYSIA	LET'S PLAY	SILVER	NAVITHAINY SRI A/P GUNASEKARAN NURUL JANNAH BINTI ZAILANI
49	SJKT LADANG SUNGAI ULAR	Ü IIA INTERNATIONAL INNOVATION FAIR (IIIF2018) , VISAKHAPATNA M, INDIA : GOLD MEDAL	SMART GARDENING SYSTEM	GOLD	DEVANAYAGI PARAMASIVAM YASHARSRE KUMARAN
50	SJKT LADANG WELLESLEY	21ST MOSCOW INTERNATIONAL SALON OF INVENTIONS AND INNOVATION TECHNOLOGIES ARCHIMEDES 2018	HOMEMADE BIODIESEL PROCESSOR	GOLD AND SPECIAL INNOVATIO N & INVENTION AWARDS	DHANESH VARMMAN PERAGAS ARSYHINE KARUNAGARAN SHAVINRAJ SASIDHARAN
51	SJKT LADANG WELLESLEY	INTERNATIONAL INVENTION INNOVATION COMPETITION IN CANADA – ICAN 2018	NATURAL COPPER AND BRASS CLEANSER	GOLD AND BEST INVENTION AWARD	MOHNISSH SANGGARAN MUGILAN MUNIANDY NISHASRY KARUNAGARAN SRI SHIVANI SARAWANAN
52	SJKT LADANG WELLESLEY	INTERNATIONAL INVENTION INNOVATION COMPETITION IN CANADA – ICAN 2018	NATURAL MOSQUITO REPELLENT	GOLD	SIRENJEEVI REDDY BABU REDDY KAARTHIYAEINI SURINDRAN ARSYHINE KARUNAGARAN DHANESH VARMMAN PERAGAS THESHIGHAN SHARAVANAN
53	SJKT MAHATHMA GANDHI KALASALAI	GLOBAL INNOVATORS IIA INTERNATIONAL FAIR (IIIF 2018)	RECYCLE PAPER SPEAKER	GOLD	MOHAMAD FAIZUL BIN MOHAMED FARDU2. VILOSHINI A/P SUNDARA RAJAN @SUNDARA RAJAN
54	SJKT MASAI	IRIISE 2018	MOSQUITO REPELLENT HERBAL SOAP	GOLD	BHUVANESH RAO GANESH RAO PRAKASH SHARANTH ANNAPPAN VISHNU PRASAD CHITHAMBARAM MUHESH MORILLI SHASHIDAR GOBI AND LOHIT RAO GANESH RAO
55	SJKT MENTAKAB	I-FINOG 2018	LEMONGRAS S ALTERNATIV E INSECT REPELLENT	SILVER	THARANI D/O RENGGHATHURAI DURGASREE D/O MANOGARAN YUVENDRAN D/O MANIMARAN
56	SJKT MENTAKAB	I-FINOG 2018	NATURAL E - HERBS DETERGENT	GOLD	YUKEDAR S/O RAVICHANDAR SASVIN NAIR S/O BATMANATHAN YASHIKA D/O ASOK KUMAR
57	SJKT PASIR GUDANG	KIDE 2018, TAIWAN	FRUITYANA CORN SHAPED	GOLD	VIMESH SURESH ARVIND MURUKAN SHRESTHIKA KALESHAWARAN VASHAEENTHI GEEVAN YEZHILARASAN KRISHNAMOORTHY
58	SJKT PERMAS JAYA	ITEX 2018	SMART SAFETY FUELLING SYSTEM	SILVER	SIDHARTH RAJ PILLAI A/L PUSHPARAJAN
59	SJKT PERMAS JAYA	I-FINOG 2018	MINI GREEN REFRIGERAT OR	GOLD	SARANYA SIVAKUMAR, KAESINA ANNANDAN AND LISHWEEN ELANGGOVAN
60	SJKT PERMAS JAYA	I-FINOG 2018	THE HAND CARRY SHOE DRYER	GOLD	SHARCHANA THIRU ARASU DHARISHINI SURESH RAO SIDHARTH RAJ PILLAI PUSHPARAJAN YUGESWAHR RAVINDRAN
61	SJKT PERMAS JAYA	KLESF 2018	THE MULTI- PURPOSE SOLAR BOX	GOLD	SARANYA SIVAKUMAR KAESINA ANNANDAN AND LISHWEEN ELANGGOVAN

62	SJKT PUCHONG	IYIA 2018 INDONESIA	VEGE D'JACK NUGGETS	SILVER	R.DHEVIGA A.HARESH KUMAR SAI V.NIKKESH V.SUBASHINEE R.MARUTHAVANAAN
63	SJKT PUCHONG	ITEX 2018	GONONO FACIAL MASK	GOLD	S.RYASREE M.TIVYAN S.THARSHANA V.VILASSHEQA G.KIRTHIRAAJ
64	SJKT PUSAT TELOK DATOK	IIRISE 2018 (INTERNATIONAL RESEARCH INNOVATION INVENTION SOLUTION EXPO IN UM)	AUTO BOOK STAND HOLDER	GOLD	KABILESHWARAN GANASH THE.JASWINY KARTHIGESA NROESWARAN SANDRASEGARAN NAVIEYA DUSANTRAN
65	SJKT RAMAKRISHNA	2018 IIDC INTERNATIONAL INVENTION AND DESIGN COMPETITION, HONG KONG	ECO FRIENDLY CAR SUNSHADE	GOLD	SHAMITA A/P DHEEVAN RAO PRIYAHSHENI A/P SIVARAJU VISHRAM PILLAI
66	SJKT RAMAKRISHNA	IRIISE 2018	HOMEMADE NATURAL INSECT REPELLENT SACHET	BRONZE	HEMADHARSHINI JOANNE BAKHITA TEHYALINNI
67	SJKT RINGLET	INTERNATIONAL INVENTION INNOVATION TECHNOLOGY DESIGN COMPETITION 2018	SMART SAFETY SCHOOL CHAIR	SILVER	RISSHI RUBEN S/O RAMASAMY THAVANESS S/O RAMIS PAVITHIRAN S/O CHANDRAN KARAN S/O ARUMUGAM SHAVENA SAGGI D/O RAJALINGAM YASHVAASIN S/O RAJASEKARAN YAALARASI D/O ARUNAGIRINATHAN
68	SJKT SARASWATHY	Ü IIA INTERNATIONAL INNOVATION FAIR (IIF2018), VISAKHAPATNA M, INDIA : GOLD MEDAL	THE SMART FERTIGATION SYSTEM	GOLD	SANJIVAN NAIR MOKAN SAVITHRA RANJEET KUMAR NAMEETHRAA PARAMESWARAN
69	SJKT TAMAN TUN AMINAH	ITEX 2018	SMART AQUAPHONIC SYSTEM	SILVER	M.RUVENESVARAN P.THASVIN R.THEV HARISH K.NISHAAL NAIR
70	SJKT TAMAN TUN AMINAH,	4TH WORLD INVENTION & INNOVATION CONTEST (KOREA)	BANANA FIBRE ROOF	GOLD	R.NEYHAN J.HEMAPRASAD K.KISHEN M.RUVENESVARAN P.THASVIN
71	SJKT CASTLEFIELD	ITEX INTERNATIONAL COMPETITION	3 IN 1 FAST CLEANER	GOLD	NARUMITHA A/P MAGISAN LOGEETHA NAIR A/P KESAVAN KAVIVISHNNU A/L SUGUMARAN KAHVYEANDHERA A/L PUSPANATHAN KAVEEN NAIR RAVINDRAN AMIRTHAH A/P BALAKRISHNAN SRUTHIKA SIVAKUMAR KHOGULAN VARATHARAJAN NAVENASRE A/P BALASUBRAMANIAM
72	SJKT VAGESAR	INTERNATIONAL INVENTION & INNOVATIVE (INIIC SERIES 2 / 2018)	FISH ORGANIC FERTILIZER WITH NATURAL PESTICIDES	GOLD	DHIVASHINI A/P SURESH KUMAR NAVEISHEA A/P RAJAN DIVYAA A/P PRAGASAN TIVAGARAN A/L ENGAPURAM SESTRAN A/L SANGAR

5.0 Survey Analysis

Student's Survey Analysis

A survey was conducted during the event and the survey forms were distributed to the participants of the SFYC Champion League 2019. A total of 108 students responded to the survey forms. An analysis of the feedback that we received through the survey is shown below:

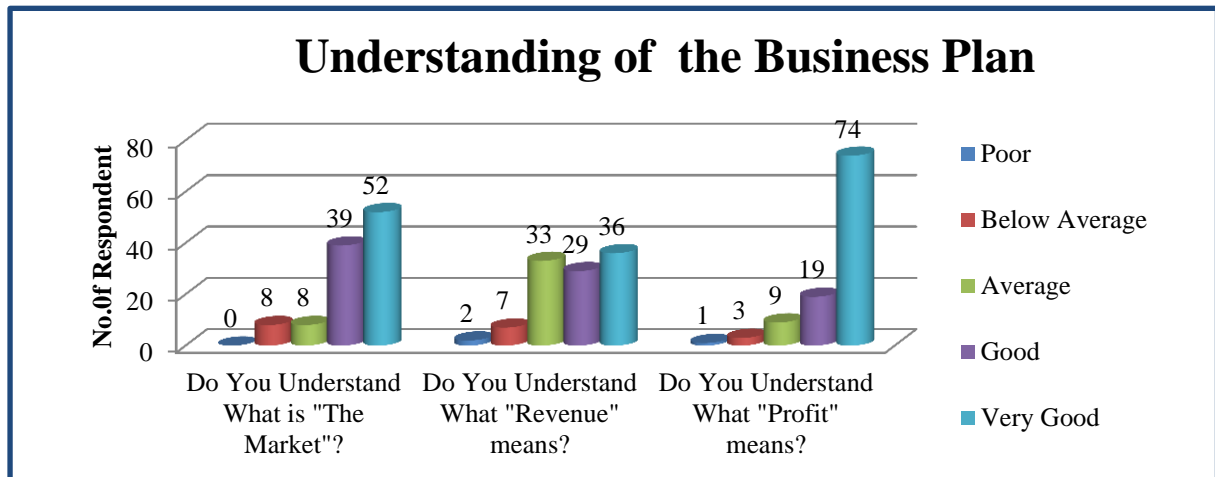


Figure 1: Understanding the Business Plan

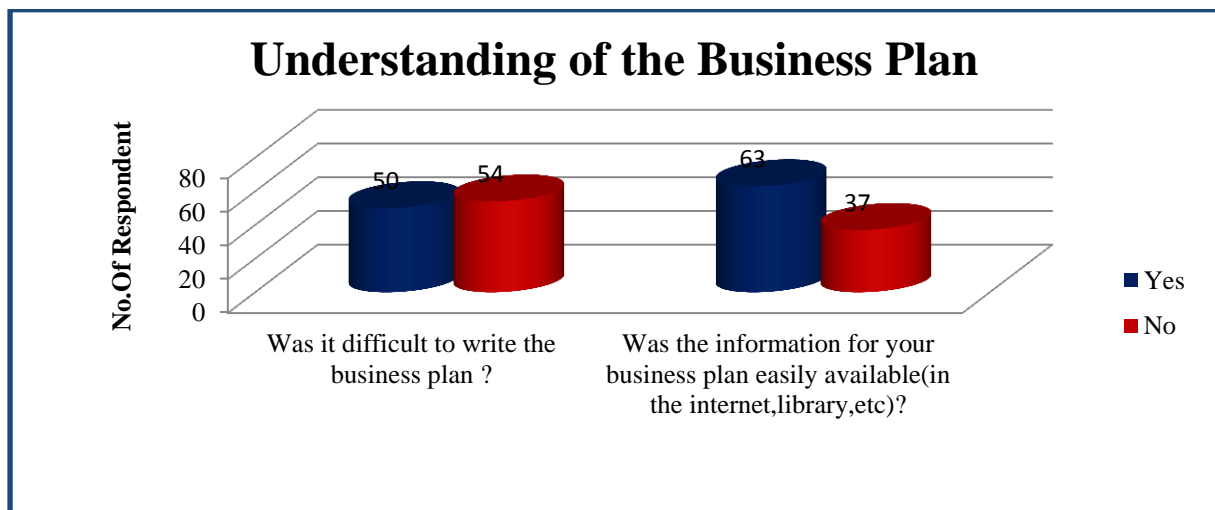


Figure 2: Understanding the Business Plan

Figure 1 and figure 2 shows the participants understanding of the business plan. The participants were asked if they were able to understand What is "The Market", What "Revenue" means and What "Profit" means as shown in Figure 1. Most of the students rated good and very good on for this questionnaire. The participants also were asked if it was easy for them to write the business plan and was the information for their business plan easily available in the internet and library. This feedback is shown in figure 2. Since this is the first

experience for the participants, 50% of them find it difficult to write the business plan and 37 students said that they the information on their business plan was not available.

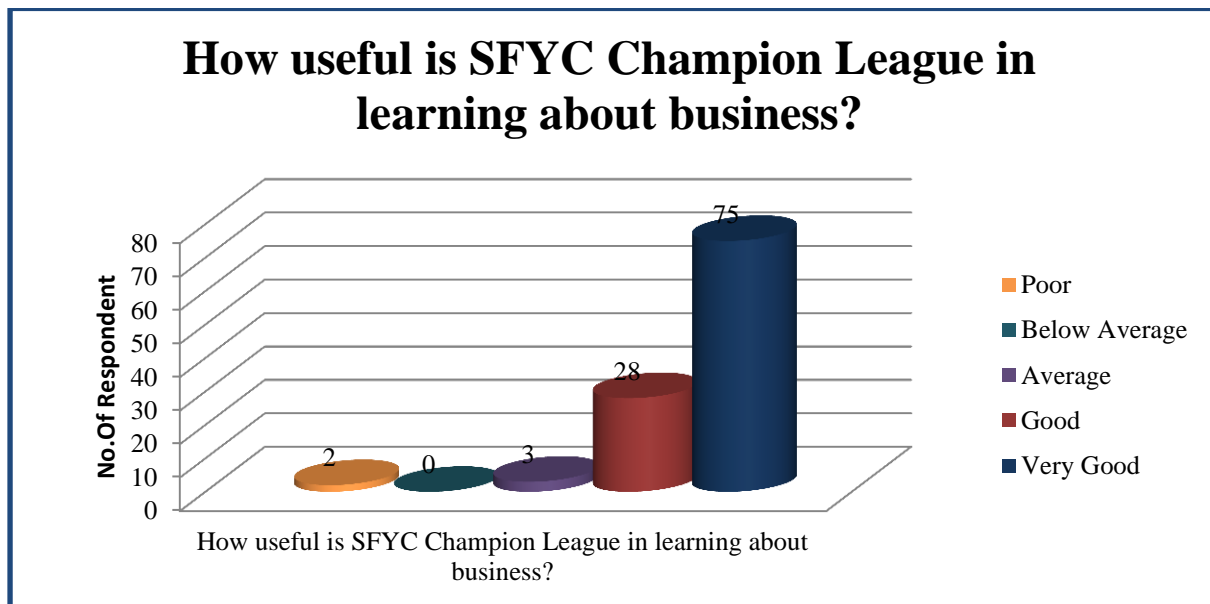


Figure 3: How useful is SFYC Champion League in learning about business

Figure 3 shows that how much SFYC Champion League was useful for students in learning about business. Out of 108 students who responded, 103 students were rated good and very good which proof that this event was effective in helping the participant to learn about business.

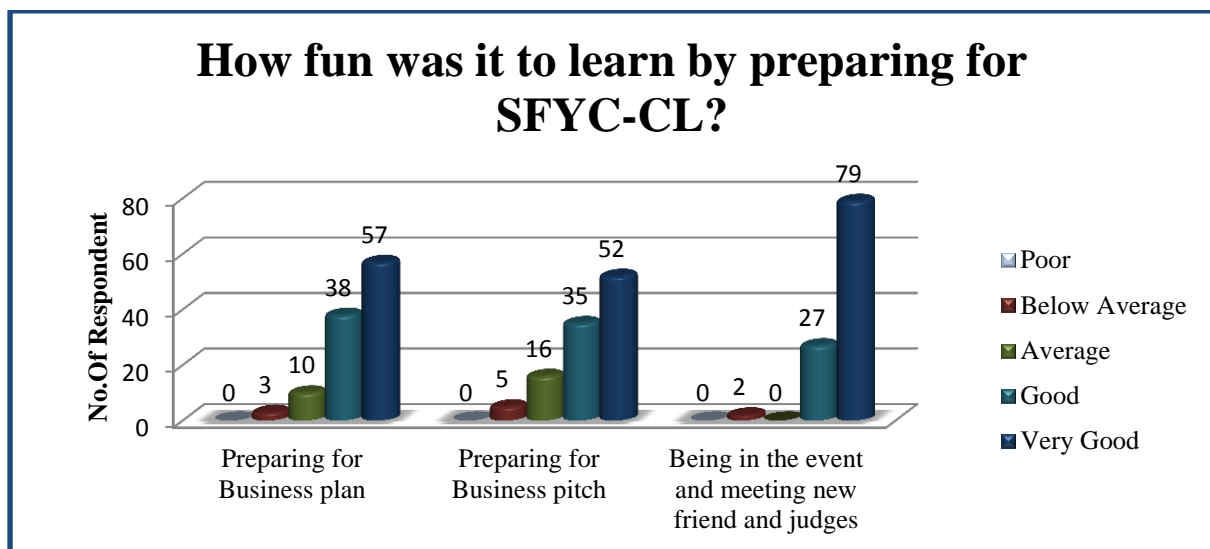


Figure 4: How fun was it to learn by preparing for SFYC-CL

Figure 4 shows the response of the participants when they were asked how fun was it to learn when they were preparing for business plan, preparing for business pitch, and being in the event and meeting new friend and judge. Most of the students were rated good and very good. It seems the students were have fun when they preparing for the competition.

Does SFYC Champion League encourage you to gain the following skill:

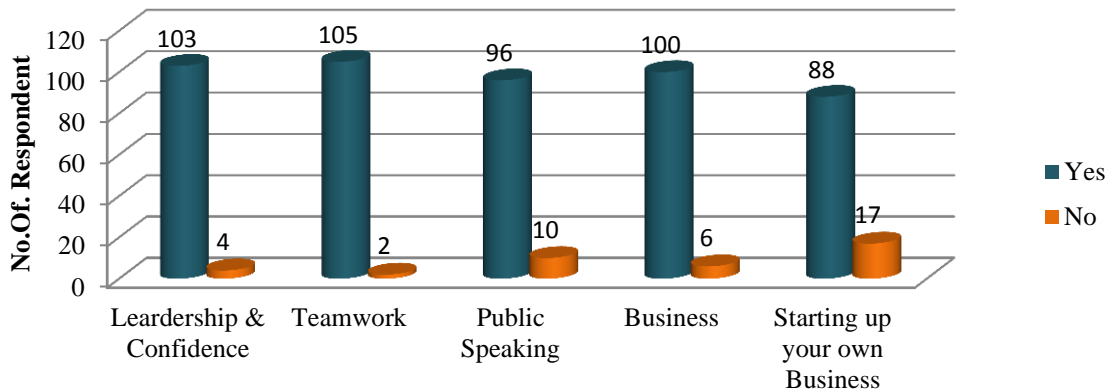


Figure 5: Does SFYC Champion League encourage you to gain skills.

Figure 5 explain if SFYC Champion League encourages the participants to gain skills such as leadership & confidence, teamwork, public speaking, business, starting up own business. For each of the skills that mention above, 80% of the students have rated yes. This shows that SFYC Champion League played an important role in making the students to gain these skills.

Satisfaction on Overall Programme

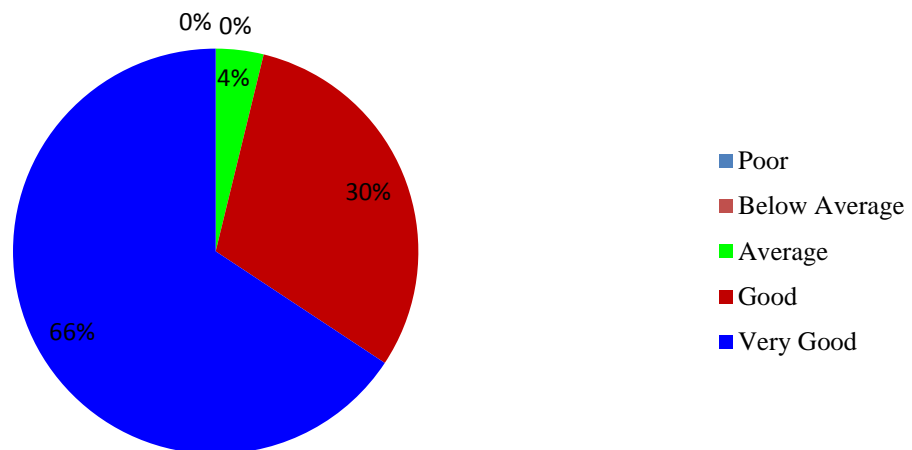


Figure 6: Satisfaction on Overall Programme

Figure 6 shows the satisfaction level of the students on overall programme. From the total participants 86% of the students were rated good and very good. It's showed that the participants were very satisfied with the programme and they enjoyed this programme.

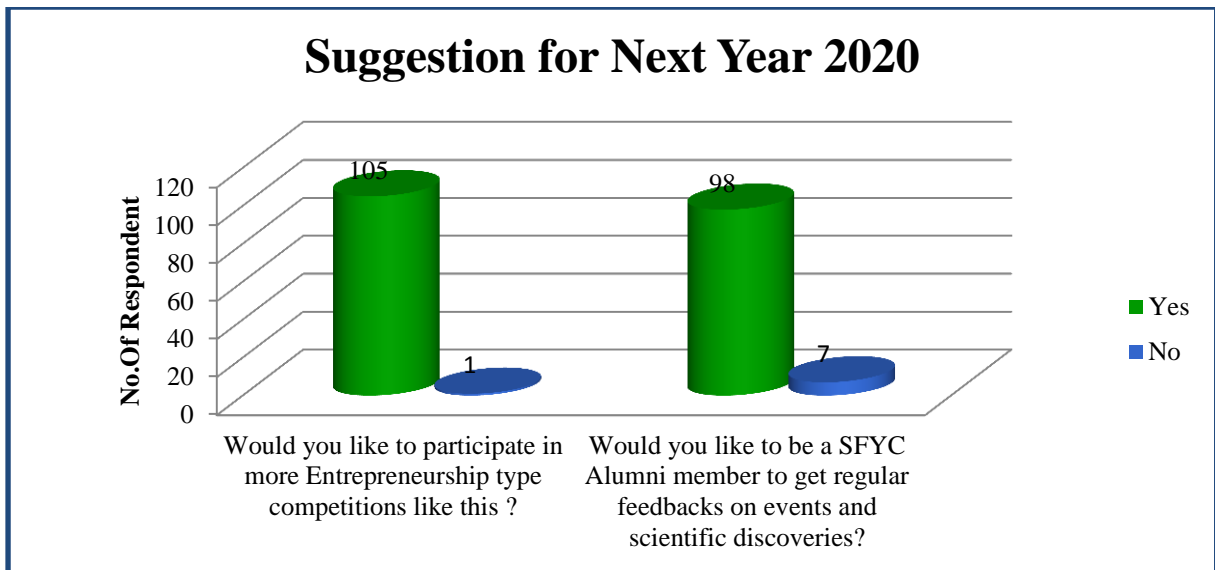


Figure 7: Students suggestion for next year 2020

Figure 7 explains student's suggestion for the next year 2020 programme. Students were questioned if they would like to participate in more Entrepreneurship type competitions and to be a SFYC Alumni member to get regular feedbacks on events and scientific discoveries. Based on the chart above, majority of the students eager to participate in more entrepreneurship type competition and also would like to be a SFYC Alumni to get regular feedbacks.

Teacher's Survey Analysis

A survey was conducted during the event targeting all the teachers during teacher's seminar session. A total of 21 teachers responded to the survey forms that were distributed. An analysis of the survey is shown below:

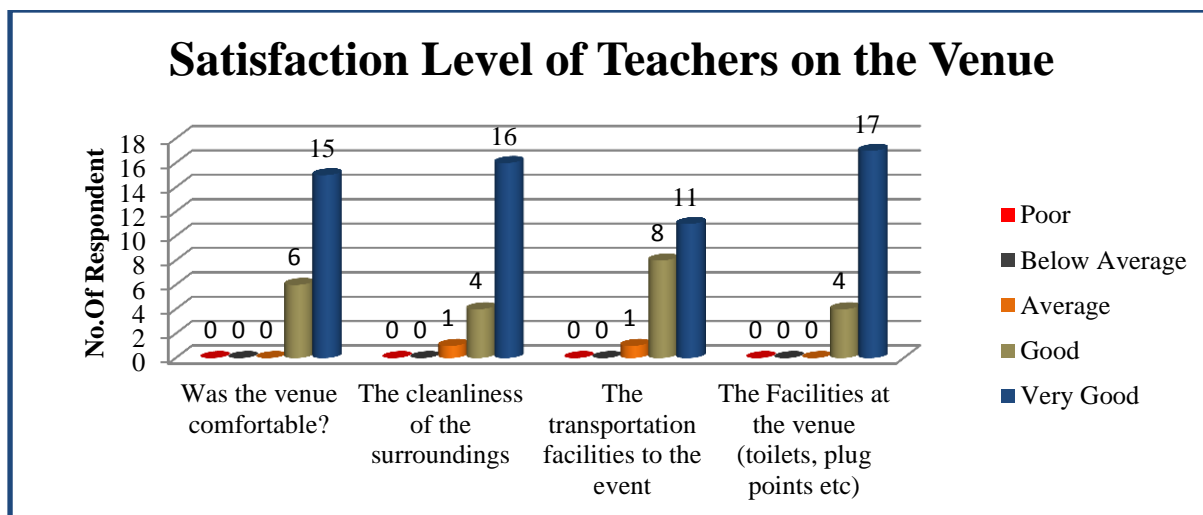


Figure 8: Satisfaction Level of Teachers on the Venue

Figure 8 shows that satisfaction level of teachers on the venue of the programme. This subject includes venue comfortability, cleanliness of the surroundings, the transportation facilities to the event and facilities at the venue. Most of the teachers were rate good and very good for all the aspects which means they are very satisfied the venue of the programme.

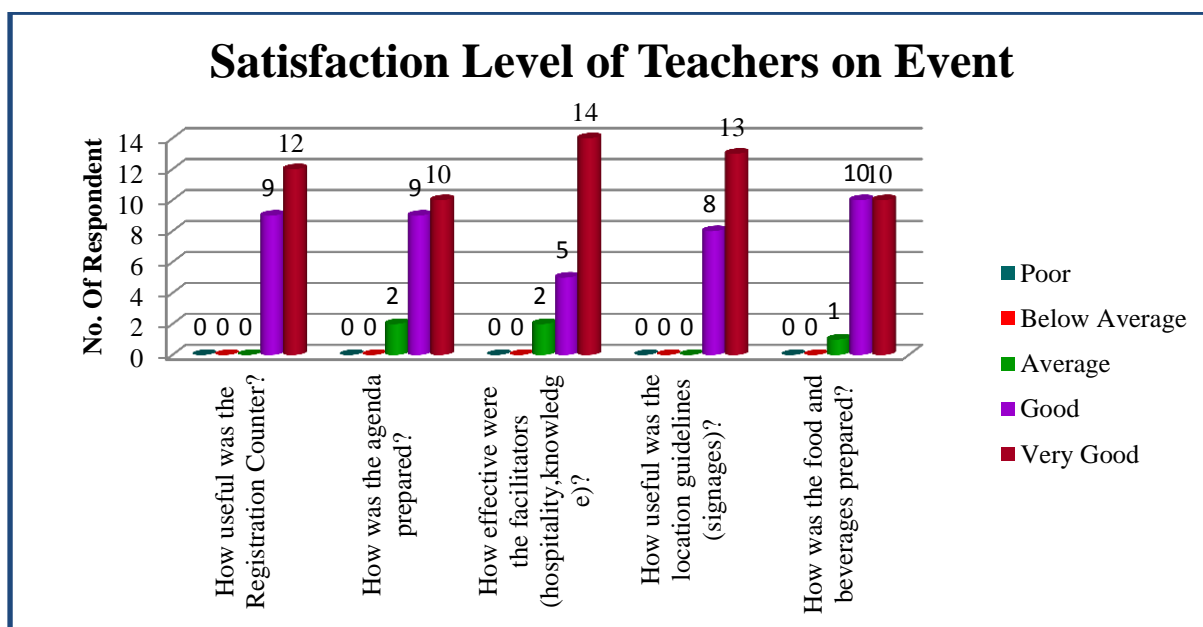


Figure 9: Satisfaction Level of Teachers on the Event

Figure 9 shows the satisfaction level of the teachers on the event. Based on the analysis it can concluded that registration counter was helpful, the agenda was interesting, the event facilitators (hospitality, knowledge) and the location guideline was helpful as majority

of them rated good and very good for this questions. The teachers also satisfied with the food and beverages provided during the event as most of them rated for good and very good for this question.

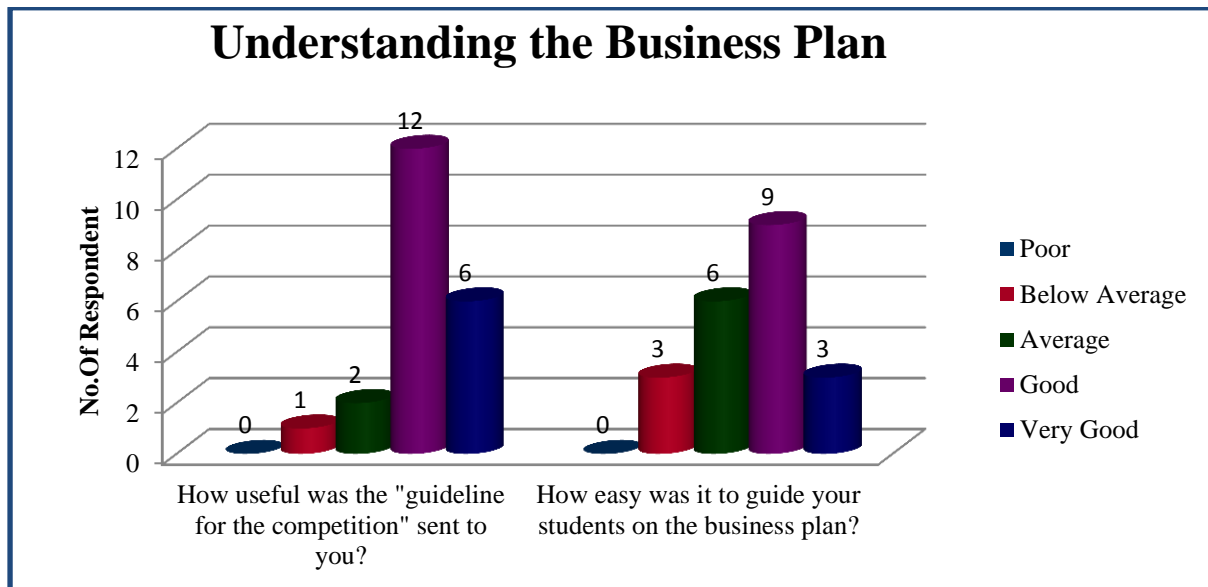


Figure 10: Understanding the Business Plan

Figure 10 shows the response of the teachers when they were asked if the guideline of the competition send to them was useful and how easy was it to guide the students on the business plan. For the first question, 18 of them was rated good and very good whereas 3 of them rated average and below average. A total of 9 teachers have said it was difficult for them to guide their students on the business plan whereas other rated good and very good for these aspects. The teachers are still in the learning process as this was the first business pitching competition they are participating.

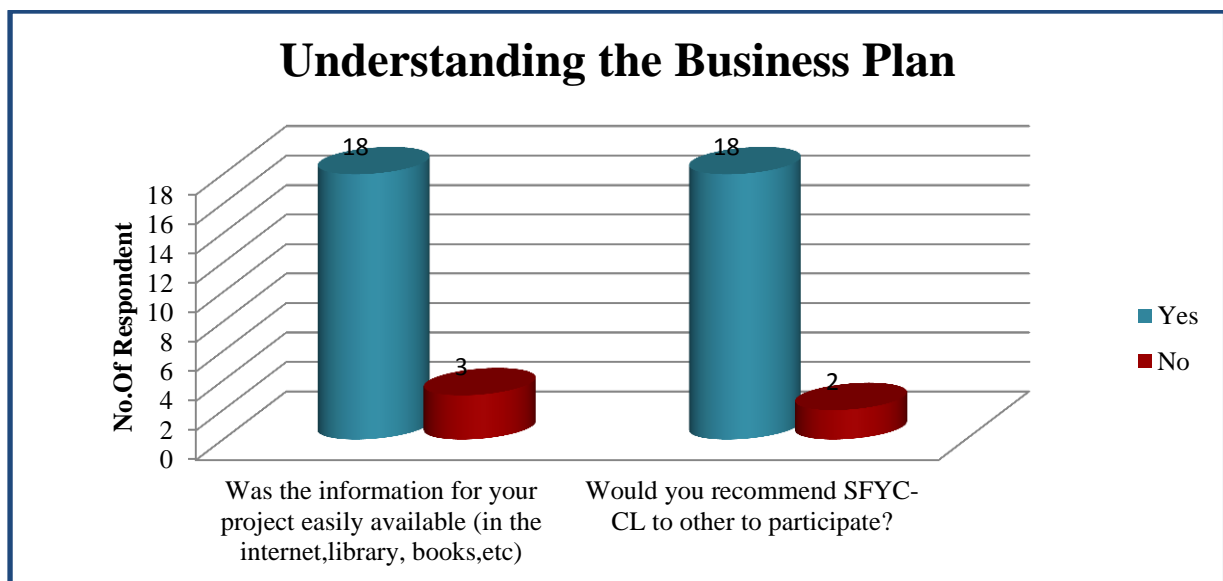


Figure 11: Understanding the Business Plan

Figure 11 show that the teachers were able to find information for their business plan through internet, library and books. Majority of the teachers said “YES” when they were asked if they would also recommend SFYC-Champion League to others.

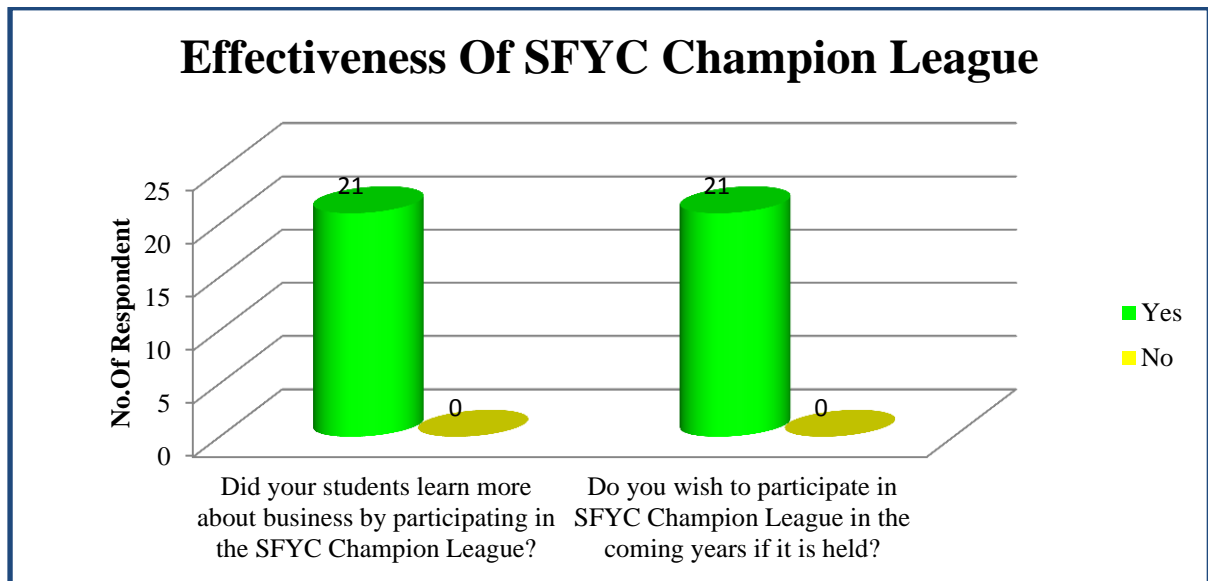


Figure 12: Effectiveness Of SFYC Champion League

Figure 12 shows that effectiveness of SFYC Champion League rated by the teachers. The teachers were asked if the students learn about business plan by participating in the SFYC Champions League and do they wish to participate in SFYC Champion League for coming years. From the total teachers all of them were rated yes for this survey. It shows that SFYC champion League was an effective event to teachers and also for the students.

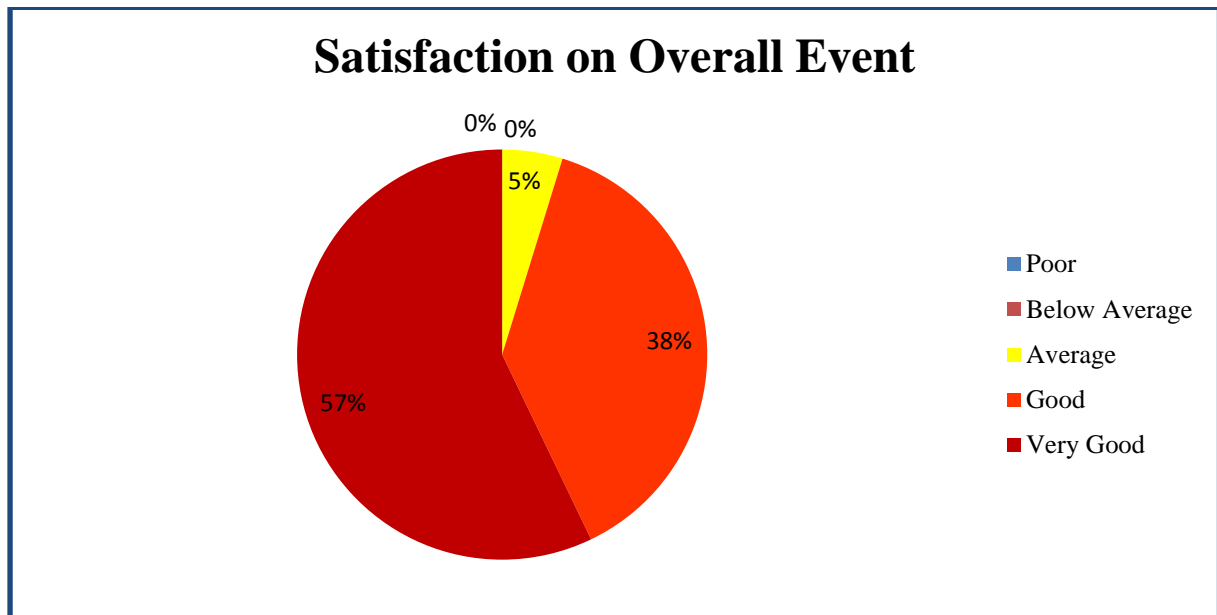


Figure 13: Satisfaction Level on Overall Event

Figure 13 indicated that satisfaction on overall event by the teachers. According the pie chart above 95% of the teachers rated good and very good which means they were really satisfied with the event and its implementation.

Do you think SFYC-Champions League be conducted for all SFYC students as a follow up event

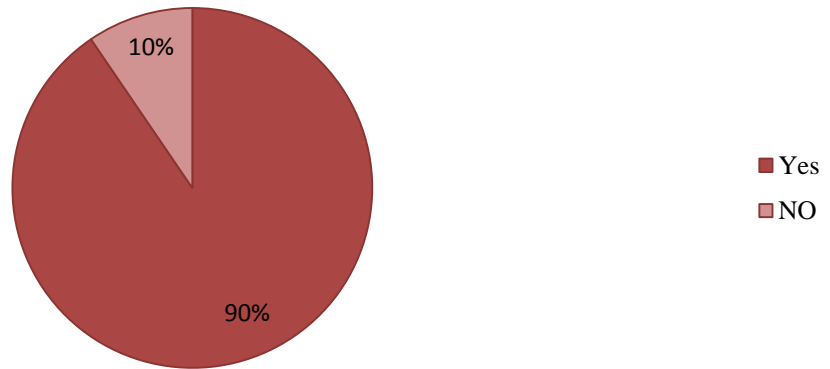


Figure 14: Teachers Opinion on next year event

Figure 14 explain that teacher's opinion about to conduct SFYC Champion League for all SFYC students as a follow up event. About 90% of teachers were rated "YES" which indicates the teachers are interested and think this event as a beneficial one.

Visitor's Survey Analysis

A survey was conducted among visitors to know their feedback of SFYC Champion League 2019. We managed to get feedback from 20 visitors.

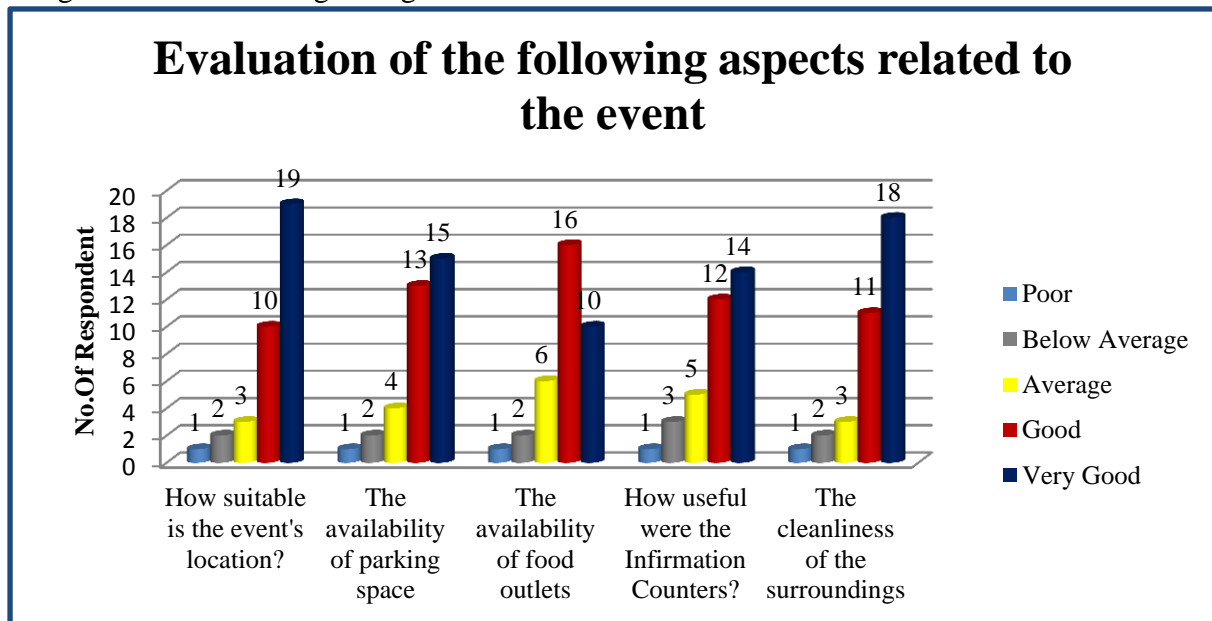


Figure 15: Evaluation of the event

Figure 15 shows the evaluation of the event by the visitors. The topic that covered was suitability of the event location, availability of parking space and food, usefulness of information counter and the cleanliness of the surroundings. Most of the visitors were rated good and very good for the aspects that mentioned above. It showed that the visitors were satisfied with the event and also they enjoyed the event as well.

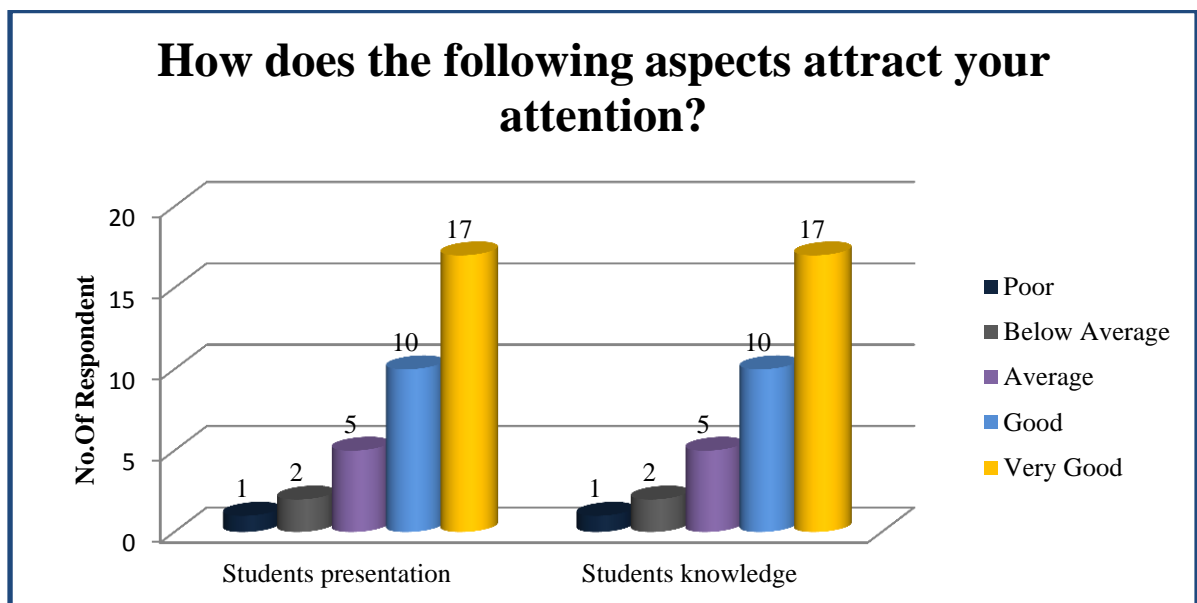


Figure 16: Visitor's Attraction of the Event

Figure 16 shows that visitor's attraction on the student's presentation and students' knowledge. Both aspects were rated same level by the visitors. They were equally attracted with student's presentation and also students' knowledge. The visitors were impressed with the student's presentation and how they express their knowledge.

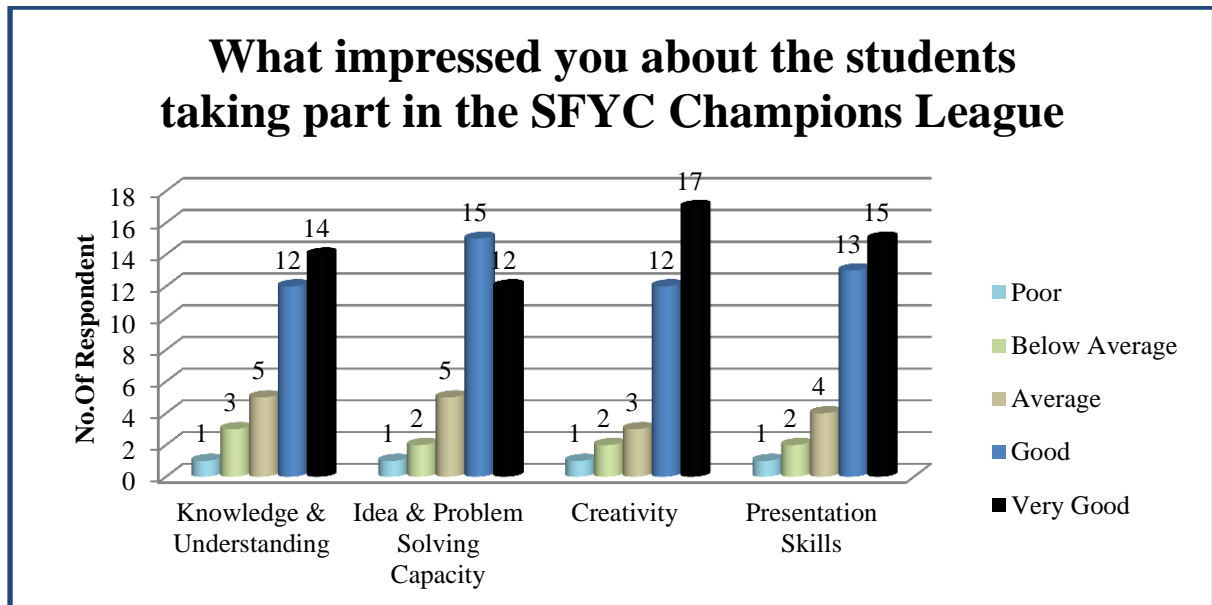


Figure 17: Visitor's impression about students

Figure 17 explain visitor's impression on the knowledge & understanding, idea& problem solving capacity, creativity and presentation skills of the students. Most of the visitors were rated very good for creativity compared to other aspects. Meanwhile the other three aspects were rated good and very good equally.

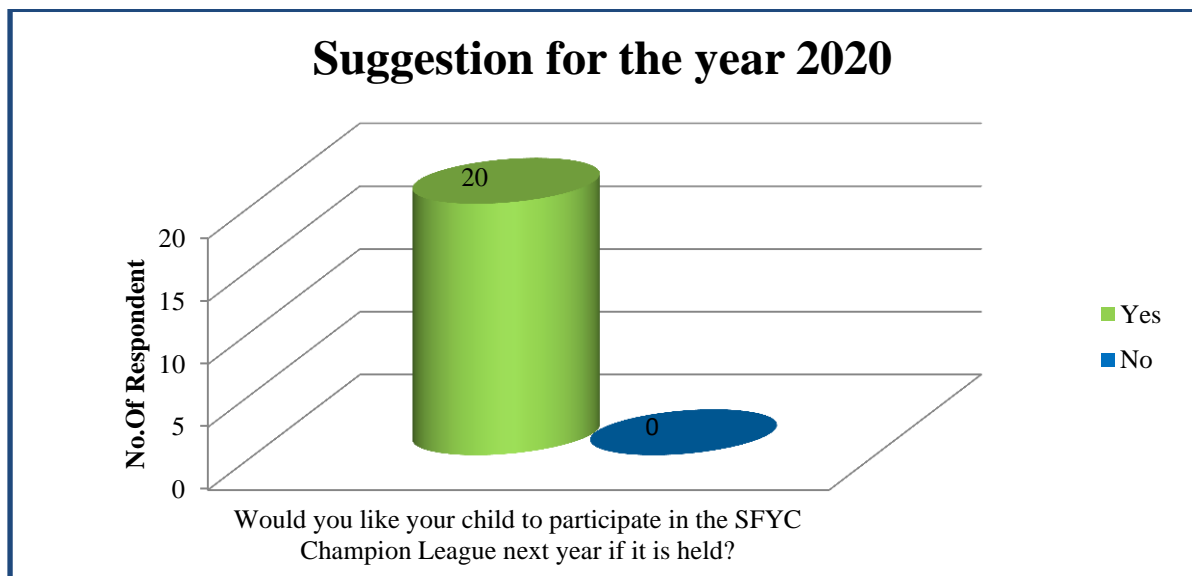


Figure 18: Suggestion for the year 2020

Figure 18 refer to suggestion for the next year's SFYC Champion League 2020. Based on the analysis above, all the visitors agreed to have their children participate in the SFYC Champion League 2020. From this we can conclude that SFYC Champion League have given a positive impacts to the visitors.

6.0 Judging

Judges Selection

An invitation was sent to few entrepreneurs and university lecturers via e-mail. New judges were also on boarded. Almost 24 professionals from various back-ground agreed to volunteer and contribute as a judge for SFYC Champions League. As decided by the project committee, the judging team worked independently from the project committee, led by an experienced Chief Judge.

Event Judging

In the morning, judges started arriving at 8.00am for the judges briefing. In the morning we had a total of 24 judges who turned up for the event. 24 judges were divided into 4 teams of 6 judges each. 4 judges visited the booth and the remaining 2 judges marked the report. The judges consist of well-balanced, multi-racial and experienced volunteers.

Approximately 8.30am, the Chief Judges, Dato' Dr Dionysius Shankar Kumar and Mr.Sri Themudu briefed the judges on the flow and the expectation for about an hour including going through the score-sheet. They also reminded the judges, the focus to be on the quality of invention and the content of the presentation. The judges were reminded not to give any suggestions to project teams as it will influence the next cross judging team who would visit the team. The judges were also given the teams' business plan for them to read, according to their groups and team they would visit. This is to give the judges an idea of the inventions they will be assessing.

Shortly after the opening ceremony, the Chief Judge explained the process of judging to the students on the stage. Thereafter, the judges were briefly introduced to students and the judging process officially started at 10.00 am. The judging took about 2.5 hours. The judging process ended at approximately 12.30pm as planned.

Each Project Team was given 3-5 minutes to present their business plan (called the business pitch), followed by another 5-7 minutes for Q&A. The judges upon completion of cross judging headed back to judge room to deliberate the scores in their respective groups. Once the judges mutually agree on their scores, a judge from each group tabulated one final score (including the report marks) for each project team or booth. The judge also wrote a comment briefly on the score-sheet on the respective project. By 2.00 pm, the scores were collected, tabulated and ranked.

The Top 10 scoring student project teams were then deliberated again by the Panel of Senior Judges who had also evaluated these projects earlier. Finally, the Top 3 deserving winners were selected and endorsed by the Chief Judge. SFYC Champions League is proud to say that the whole judging process was done in a professional and transparent manner without any prejudice.

7.0 Volunteers Management

ASTI formed an Event Committee comprising of volunteers from various fields during the Science Fair for Young Children Champion League. ASTI also hopes to develop these volunteers to be future leaders of the society. These volunteers were assigned to head various departments within the SFYC Champions League Event Committee. The details of the departments headed by the volunteers are shown in table 1:

No.	Name	Department
1	Ms.Vanitha Vasu	Event Committee Head 1
2	Ms.Umahsankaiah Muthunaikar	Event Committee Head 11
3	Mr.Ragavan Pandian	Hall Management
4	Mr.Sakthivel Ganeson	Safety, Hall and Crowd Management
5	Ms.Gayatri Ramakrishnan	Registration Department
6	Ms.Umahsankaiah Muthunaikar	Stage, Prizes and Ushering Management
7	Mr.Kalaichelva Rani	Judging
8	Ms.Vanitha Vasu	F&B Management
9	Ms.Caroline Maria	Survey Department
10	Ms.Yugeswari Krishnan	Public Relation
11	Ms.Rita Krishnan	Press Management
12	Mr.Logan Tamilarasu	Media Management
13	Ms.Helis Halan	Teacher's Dialogue Session
14	Mr.Saktivel Ganeson	Master of Ceremony
15	Mr.Preetiviraj	Master of Ceremony

Table 1: Head of Department List

Before the final event, many meetings were held to discuss the implementation process of the event day. Each Head of Department (HOD) was given their specific task within their job scope under the supervision of the SFYC Champions League committee.



8.0 Funding and Budget

Science Fair for Young Children Champions League was fully funded by YB Dr. Xavier Jayakumar, Minister of Water, Land and Natural Resources. The income and expenses are as shown below:

Income	(RM)
YB Dr. Xavier Jayakumar, Minister Of Water, Land And Natural Resources	50,000.00
Total Income	50,000.00
Less: Expenditure	
Venue And Food	27,505.00
Insurance	1,843.20
Certificate Designing	200.00
Certificate Printing	380.00
Medals	3,300.00
Winning Team Cash Prize	3,000.00
Photography & Videography	2,000.00
Multimedia Presentation	500.00
Event Management Petty Cash (Hotel, Van Rental, Stationaries)	4,000.00
Administration And Operational Cost	10,000.00
Project Manager (1/2 Month)	2,250.00
Project Officer (2 Months)	7,000.00
Total Expenditure	61,978.20
Excess Of (Expenditure)/Income	(11,978.20)*

***The excess of expenditure was paid by Association of Science, Technology and Innovation internal funds.**

9.0 SWOT Analysis

Strength <ul style="list-style-type: none">• Experienced team• Good venue for the event• VVIP and VIP arrival on time• Good coordination for overall event• Time management was good• Registration went on smooth• Able to multitask at once• Strategic and cost effective hotel• Many committed judge• Facebook live was good• Good coordination among the Head of Department• Food was very nice	Weakness <ul style="list-style-type: none">• Cost incurred due to withdrawal of few teams at the last minute• Some teams arrived late due to far distance• Teachers dialog section delay due to the teachers movement to the hall very late• Teachers not send business report on time• Students struggle on preparing business report of their invention.• Difficulty on writing the business plans
Threat <ul style="list-style-type: none">• Last minute withdraw• Publicity• New business pitch for students• Challenge for teacher to train students on their business pitch	Opportunity <ul style="list-style-type: none">• Business pitch skills were learned by students• Get to invest their product to market• Connection between students and business people.• Reach to public about student's involvement in international competitions.
Recommendation <ul style="list-style-type: none">• Do publicity via social media and live interviews.• Further improve on business plan training and consider physical training• Develop and get more volunteers on board• Set up a team in ASTI to look at the commercialisation training for young people• Connect real business people with the schools to explore commercialising some of these inventions	

10.0 Media Coverage

அறிவியல் போட்டிகள் வாகைகூடிய தமிழ்ப்பள்ளி

மாணவர்கள் கௌரவிப்பு

சூர் ஆலம், ஏப்-3- அமைந்ததான ஆண்டில் மூன்றாம் தரத்தில் திடீர் அறிவியல் நிகழ்ச்சி போட்டிகளில் பங்கேற்ற தங்கப்பள்ளக்கலை வென்று தட்டையூதி சிறந்த அறிவியல் கல்விக்காக மாதிரி மாணவர்கள் திட்டமிடப்பட்ட சிறப்பு திட்டத்தின் மூலம் நிறைவேற்றப்பட்டன.



திருமணம் தரிசம், திசம் மூன்று விருந்தினர்களுக்கும் அமைந்ததான மாணவர்கள் தட்டையூதி சிறப்பு திட்டத்தின் மூலம் நிறைவேற்றப்பட்டன.

மாணவர்கள் திடீர் அறிவியல் நிகழ்ச்சியில் பங்கேற்ற மாணவர்கள் கௌரவிக்கப்பட்டுள்ளனர். மேலும், சிறந்த அறிவியல் நிகழ்ச்சியில் வென்ற மாணவர்களை அழைத்துக் கொண்டு மாணவர்கள் திட்டமிடப்பட்ட சிறப்பு திட்டத்தின் மூலம் நிறைவேற்றப்பட்டன.

சிறந்த அறிவியல் நிகழ்ச்சியில் வென்ற மாணவர்கள் கௌரவிக்கப்பட்டுள்ளனர்.

இதில் 'கலாசாலை' என்ற தலைப்பில் மூன்று மாணவர்கள் தட்டையூதி சிறப்பு நிகழ்ச்சியில் பங்கேற்றதற்காக சிறந்த அறிவியல் நிகழ்ச்சியில் வென்ற மாணவர்களை அழைத்துக் கொண்டு மாணவர்கள் திட்டமிடப்பட்ட சிறப்பு திட்டத்தின் மூலம் நிறைவேற்றப்பட்டன.

மக்கள் ஓசை - 5.4.2019 - பக்கம் 16

14 நாளைச் செய்திகள்



மேற்படி பெற்ற இளம் அறிவியல் ஆய்வாளர்களுக்கு சிறந்த அறிவியல் ஆய்வாளர் பரிசில் ஆசிர்வகன், அமைச்சர் டாக்டர் ஜெய். ஏற்பட்ட குழுவினர்

இளம் ஆய்வாளர்களின் அறிவியல் விழா வெற்றியாளர் சங்கமம் பூச்சோங் தமிழ்ப்பள்ளி முதலிடம்!

சூர் ஆலம், ஏப்-3- நம் இந்திய மாணவர்களிடையே ஆண்டுக்கு வளர்ச்சியடைந்தவரும் அறிவியல் ஆய்வுகள் தொடர்பான நடவடிக்கைகள் சர்வதேச அளவில் வாழ்வோடு பெற்று சாதனையை உருவாக்கும் வகையில் அவர்களின் அறிவு ஆற்றலும் வெளிப்பாடுகளும் ஆதரவு திருப்பணமாகி வகுப்புகள் தீர், நிலம், இயற்கை வள அமைச்சர் டாக்டர் ஜெய். ஜெய். ஜெய். ஜெய்.



மாணவர்களின் திறமைகளும் களமும் அறிவியல் கண்டு பிடிப்பது, அவர்களின் அறிவு பெறும் முயற்சியில் கிடைக்கும் பங்களிப்பும், அவர்களை ஏற்படுத்தும் சாதனைகள், இவை மூலம் சம்பந்தப்பட்ட பள்ளிகளுக்கு பெருமை சேர்ப்பது மட்டுமன்றி நடைமுறை சீர்திருத்தம் மற்றும் திருத்தம்.

புத்தகம் இயக்கத்தின் ஏற்பாட்டில் இங்குள்ள மாணவர்கள் மட்டுமல்லாமல் மாணவர்களின் அறிவியல் விழாவினைத் திறந்து வைத்து சிறப்பானபாறிய அவர் இதனைத் தெரிவித்தார். இளம் ஆய்வாளர்கள் தங்களின் கருத்துக்கள் இதை தொடர்ச்சியில் சம்பந்தப்பட்ட

சாம்பியன் லீக் அறிவியல் விழா தமிழ்ப்பள்ளி மாணவர்கள் சாதனை



ஊர் ஆயம், மாநகர் 31-
தமிழ்ப்பள்ளி மாணவர்கள்
அறிவியல் கல்வித் திட்டங்கள்,
அவர்கள் அறிவியல் ஆற்றல்
மிக்மலர்கள் என்று உலகமே

யோற்றக் கூடிய ஒரு நிலை
உருவாக வேண்டும் என்று கந்த
13 ஆண்டுகளுக்கு முன்னதாக
உருவாக்கப்பட்ட தமிழ்ப்பள்ளி
மாணவர்களுக்கான அறிவியல்

யோட்டி இன்று ஆள் இலக்கை
எட்டிக் கொண்டு வருகிறது
என்று அறிவியல் தொழில்நுட்ப
புத்தகக் இயக்கவை அறிவிப்பின்
எழுப்பும் நடைபெற்ற சாம்பியன்

லீக் எனப்படும் அறிவியல்
யோட்டியில் டாக்டர்
உட்கொண்டிருக்கிறார்
உலகமறிவினர்.



சாம்பியன் லீக்...

உட்க ஆண்டு மலேசியாவை சேர்ந்திருந்து
அனைத்துமலேசியாவிலும் நடத்தப்பட்ட சாம்பியன் லீக்
ஆய்வு சம்பந்தம் யோட்டிகளின் தடைபெற்ற 72
ஆணிகளையும் ஒன்றுபடுத்தி ஒரு தனி யோட்டி
நடத்தப்பட்டது. அது தான் ஊர் ஆயம் மீ.கே.எம்.எம்.
மேலும் கண்டித்தல் நடத்தப்பட்ட சாம்பியன் லீக்
எனப்படும் ஆட்டிப் போட்டியாகும்.

காலம் 9 மணி தொடங்கி நடத்தப்பட்ட இத்த
அறிவியல் விழாவில் 72 ஆணிகளும் கலந்துகொண்டிருந்தனர்.
தலைப்புகளில் தங்கள் ஆய்வுகளை பகரும்பாக
கொள்கிறார்கள். இதில் பூச்சோல் தமிழ்ப்பள்ளி
மாணவர்கள் 'கலா நடை' என்ற தலைப்பில் ஆய்வுகளை
நடத்தி முதல் நிலை வெற்றியாளராகத் தேர்வுசெய்தனர்.
ஜெனாவி, தாயன் ஆள் அறிவியல் தமிழ்ப்பள்ளி
மாணவர்கள் 'வாழ்நாள் மீ.கே.எம்.எம்.' என்ற
நிலையில் ஆய்வுகளை சம்பந்தித்து 2 ஆம் நிலை
கொடுத்தவர்களாகத் தேர்வு செய்தனர்.

சாம்பியன் லீக் தொடர்ந்து தமிழ்ப்பள்ளி மாணவர்கள்
முடிவாக கலம் கருவியை 'தாயன்' அறிவித்து முதல் நிலை
கொடுத்தவர்களாகத் தேர்வு செய்தனர்.

இந்த நிகழ்ச்சித் தீர், நில, இவற்றை அமைச்சர்
டாக்டர் சேலியர் ஜெனாவி, உயர் பதியாகத்தின்
உரிமையாளர் டத்தேனா கோதிநாதன், கோத்திர
நிறுவனத்தின் தலைமை செயல்பாடு அறிவியல்
நிர்வாகிகள் உட்பட பல பிரமுகர்களும் கலந்து
கொண்டனர்.

11.0 Conclusion

The SFYC Champions League and the appreciation ceremony was a huge success both in terms of the participation and outcome. It was ASTI's first attempt at such an event and it is hoped that based on the lesson learnt, the project can be further improved for future participates. For this event we had received 41 business plan reports from the schools that have won the international competitions.

Our survey shows a high satisfactory level from all of our stakeholders. We believe that this programme shall serve as a platform to appreciate the winners of various international competitions. We are working towards achieving our aim of creating the participants to learn the concept to commercialize their product.

We would like to thank our funder, judges, and volunteers who have given us continuous support in making this event an overall success.



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