

7th ELEMENTZ SCIENCE RESEARCH CONFERENCE & EXHIBITION
Innova Junior College
Results for Secondary school teams

No.	School	Title of Project (Tentative)	Number of pupils in project group and their names (as in NRIC)	Name of teacher mentor or mentor from higher institutions (as in NRIC)	Awards
C1	Anderson Secondary	Effectiveness of Durian husk in removing Durian smell	1. Ang Swee Kee Sec (Leader) 2. Ang Zi Qin 3. Cheng Vi Ting 4. Nithiyasree d/o Nadeson	Miss Angela, GENECET Technologies Pte Ltd Miss Felicia Ho, Miss Suhailin Abdul Samat	Certificate of Participation
C2	Ang Mo Kio Secondary School	Lime in Nation	1. Ang Weiqiang Aloysius 2. Lim Jia Qing 3. Clarence Lee Khee Yong 4. Chioh Yun Jie Shermaine 5. Koh Ming Xuan	Ms Yip Fu Hui	Bronze
C3	CHIJ St. Nicholas Girls' School	The development and marketing of an all natural meat tenderiser.	1. Foo Si Rui 2. Du Tong Tong 3. Oh Kai Li 4. Fanny Sia Shu Ping	Praveena Sandra Mohan	Bronze
C4	CHIJ St. Joseph's Convent	The Oil Busters	1. Hazel Yeo Rong Rong 2. Lee Pei Xian 3. Josephine Lim Zi Yu 4. Heng Zhihui Audrey	Sunarti Binte Samsudin	Certificate of Participation
C5	Evergreen Secondary School	In innovative way to study changes of materials with increase in temperature	1. Yu Tian 2. Albert Ong 3. Monil S/O Jitendrakumar 4. Isaiah Yap Chern Yow	Yeo Chee Sin	Certificate of Participation
C6	Holy Innocents' High School	How much does weather affect plants	1. Norman Wong Mun Joon 2. Shawn Wong De Wei 3. Yvonne Teo Ying Li 4. Phyllis Low Ying Li	Mr Chang Jee Yen	Silver
C7	Maris Stella High School	Tea for Teeth	1. Lawrence Thien Guo Hong 2. Leong Ka Wai 3. Lee Weng Hao 4. Rendy Sim Zheng Hui 5. Shi Chen Wei	Ms Justina Lu	Silver
C8	Maris Stella High School	The superb BBQ marinating Sauce	1. Poh Kah Hwee 2. Qin Shuang 3. Goh Kheng Kia 4. Cheng Jian Yong Marcus 5. Leow Boon Yang Jerome	Ms Justina Lu	Silver
C9	Maris Stella High School	Factors affecting guppy mating preferences	1. Chua Wah Tien Dick 2. Ooi Yong Ann 3. Aaron Wee Ya Lun 4. Lu Jin Hao, Nicholas	Ms Justina Lu	Gold (Presentation)

C10	Sembawang Secondary School	The Effect of Sampling Time, Stirring speed and Temperature on the Extraction Efficiency of Static Liquid-Phase Micro-extraction.	1. Nurfarahin Bte Mohd Ismail 2. Justin Daniel Pereira	A/P Kwok Yien Chian from the NIE School of Natural Sciences Mdm Phang Su YIng	Bronze
C11	Serangoon Secondary School	Do home remedies that are used to treat diarrhoea kill bacteria or cure symptoms?	1. Soh Kai Han 2. Raj Alnishyia D/O Raj Dev 3. Chew Chin Hao	Ms Fu Shin Hui and Mdm Tan Bee Yong	Certificate of Commendation
C12	Serangoon Secondary School	Investigation of milk, yogurt drink and other beverages on their nutritional values and comparison to calcium supplements	1. Sandhya Devi (Leader) 2. Ng Lee Kiang 3. Tan Wen Jie 4. Jagroop Singh	Mdm Lu Yen Ling	Bronze
C13	Xinmin Sec	Multi-faceted properties of salicylic acid	1. Quak Jun Jie Nelson 2. Mason Chen Guanming 3. Ng Jing Wen 4. Quah Wen Guang	Goh Chew Lam	Silver
D1	Anderson Secondary	Effectiveness of Tea tree oil on Food odour remover	1. Mahadir B Ali (leader) 2. Lork Jun Hao, Clement	Mr Wong I Vern, GENE CET Technologies Pte Ltd Miss Suhailin Abdul Samat	Certificate of Commendation
D2	CHIJ St. Joseph's Convent	Water Catcher	1. Lim Chun Han 2. Gwen dolynn Chrissie Tan Mei Ling 3. Jerilyn Tan XiLing 4. Marie Anne Foo Shi Hua 5. Tan Rou Bing	Mrs Vasaanthu Thiru	Gold
D3	Evergreen Secondary School	Greywater recycling	1. Thien Ke Qin 2. PEH HUI MIN SHIRLEY 3. SEE AIMIN 4. MUHAMMAD FAIZ B HASHIM 5. RISHIAN BALASKANDA	Ms Priscilia Teng	Gold (Presentation)
D4	Hougang Secondary School	Investigating the composition of Drain water and waste to change it into potable water	1. Ang Li Juan 2. Ho Theng Theng Jacqueline 3. Grace Soh Wan Ting 4. Hang Pei Fang 5. Ong Chin Kheng	Ivin chan, Lee Wei Te, Goh Wai Yee	Certificate of Commendation
D5	Maris Stella High School	Bioremediation of Industrial/Common Waste Material	1. Yap Huai Jun Nigel 2. Lu Jin Hao Nicholas 3. Mi Xiao 4. Tan Kai Bin Alrik 5. Kuek Xiu Hao	Ms Justina Lu	Silver
D6	Maris Stella High School	Natural Mouth Ulcer remedies	1. Foo Cher Sheng Raphael 2. Ang Mao Le 3. Cao Yuhao Gabriel 4. Yang Zhe Lun	Ms Justina Lu	Bronze
D7	Montfort Sec School	Fruit Battery/Vegetable Battery	1. Ng Hao Wei Derek 2. Ho Deli Dennis 3. Chang Chuan Yi 4. Chadwick Rufus Dorai 5. Cheng Yourong	Mr Ho Chi Cheng Chrys Mrs Tan-Sin Li Huang	Silver

D9	NorthBrooks Secondary School	The effect of commercial products on growth of methylobacteria.	1. Nicole Tan Yi Wen 2. Kok Hui Qi 3. Bernice Loh 4. Desmond Loy Jia Jun 5. Supriya.C.Devihosura	Mr Mak Wai Yean	Certificate of Participation
D10	Sembawang Secondary School	A Measurement of the Relative amounts of Ascorbic acid in Fruit Juices.	1. Leow Ee May 2. Mak Chui Wen 3. Young Yun Ti	Mdm Phang Su Ying	Bronze
D11	Serangoon Secondary School	"Leafy Lipbalm"	1. Leong Kai Yuan 2. Kenneth Lim Kai Chin 3. Ng Chin Loong	Ms Chia Daphne Mr Teo Soon Hock	Bronze
D12	Si Ling Secondary School	Effect of Caffeine on Cut roses	1. Muhammad Ihsan b manso 2. Mohamad Hafiz B Mohamad aziz 3. Khalia Shazreen Bte Abdullah 4. Noor Aini Bte Mohd Azman 5. Soraya Bte Abdul Majid	Ms Sarah Leong Mdm Nor Rasidah	Silver
E1	Anderson Secondary School	In Vivo Cloning Of Orchids	1. Soon Wei Ting 2. Chew Zhi Yan 3. Tang Zhi Min Cheryl	Mrs Allison Lim Professor Chia Tet Fatt Associate Professor Diana Ang Tiong Joo	Bronze
E2	CHIJ St. Joseph's Convent	Natural Indicators	1. Rebecca Claire Chan Mun Cheng 2. Kang Wei Ling Isabelle 3. Nicole Ng Si Min 4. Jeslyn Khoo Hui Han 5. Germaine Grace Lim Yi Yen	Mrs Ng Peck Hoon	Certificate of Commendation
E3	Compassvale Secondary School	A device for the hanging of wet clothes to dry	1. Amron B Ayoub 2. Koh Zhi Xun 3. Neo Pei Ying Sandra 4. Leow Qiu Lin	Mr Tan Teck Nam	Bronze
E4	Holy Innocents' High School	Static Electricity in Atmosphere	1. Johnathan Tan Hong Ling 2. Anselm Foong 3. Jeremy Lim Zhong Wei 4. Elvent Shum Tak Yin	Mr Chang Jee Yen	Bronze
E5	Maris Stella High School	Anti fungal solution	1. Brandon Ng Wee Sheng 2. Tan YuMing Delwyn 3. Lian Jenn Kai, Amandus	Ms Justina Lu	Gold
E6	Maris Stella High School	.Aloetion	1. Chua Wei Zhong Stanley 2. Lam Yan Xiang Ian 3. Lim Hian Teck, Gerald	Ms Justina Lu	Silver

E7	Montfort Sec School	Ornamental Ecosystem	1. Chua Chun Heong Daron 2. Goh Jian En Zerah 3. Peh Chin Ghee 4. Tan Sze Chuan 5. Wong Jian Wen	Mr Ho Chi Cheng Chrys Mrs Tan-Sin Li Huang	Silver
E8	Nan Chiau High School	Mouthwash you can use	1. Siow Yun Jie 2. Ong Wan Qin 3. Ser Mei Woon 4. Teo Sher Li	Oh Yian Yian Elisabeth	Silver
E9	NorthBrooks Secondary School	Good bacteria fights bad breadth, smelly feet.	1. Ahmand Fauzi 2. Iskandar Jauhari 3. Janel Quek 4. Genevieve Phua 5. Kristin Koh	Mr Mak Wai Yean	Bronze
E10	Sembawang Secondary School	To determine the effectiveness of rice wash from different types of rice on the growth of the Clitoria plant.	1. Anthony Eng Zhen Yang 2. Joyce Tay 3. Nahai Waranya 4. Nurina Iffah 5. Chen Jingmei	Mdm Phang Su Ying	Certificate of Commendation
E11	Serangoon Secondary School	"Lipstick or lipsick"	1. Chua Yi Wen Yvonne 2. Yuoh Miao Ping 3. Stephanie Cheong Sze Yin	Ms Chia Daphne Mr Teo Soon Hock	Gold (Presentation)

7th ELEMENTZ SCIENCE RESEARCH CONFERENCE & EXHIBITION
Innova Junior College
Results for JC teams

No.	School	Title of Project (Tentative)	Number of pupils in project group and their names (as in NRIC)	Name of teacher mentor or mentor from higher institutions (as in NRIC)	Award
A1	AJC	Solar Plus: Indispensable invention in energy crisis	1. Aw Ming Zhe, Alvin 2. Huang Yingsheng Benny 3. Agustiadi 4. Christine Kon 5. Chua Ka Siang	Mr Ong Teck Keng, Clement	Bronze
A2	AJC	The Effect of Metal Ion Absorption by Leaves	1. Soh Joon Kiat, Kelvin 2. Wong Shiu Hei 3. Ang Zhen Hao 4. Sim Hon Yuen, Aaron 5. Ouyang Hongyi	Mrs Ong Yee Ling Mrs Kuah Yong Hui	Gold (Presentation)
A3	AJC	An investigation on the uses of Natural Flavour enhancers as preservatives	1. Goh Jia Yi, Melissa 2. Yeo Hui Ping 3. Tan Hwee Yen 4. Marinah Toh 5. Chan Ho Ying	Mrs Ong Yee Ling Mrs Kuah Yong Hui	Silver
A4	AJC	Effects of water composition on plant growth	1. Lee Soke Yee 2. Tay Yue Ling, Stephanie 3. Neo Surong 4. Ng Wan Ling, Christabel	Mrs Ong Yee Ling Mrs Kuah Yong Hui	Bronze
A5	Innova Junior College	Investigation on polymer lithography	Siddhartha	Lim Choon Huat Suresh Valiyaveetil (NUS)	Bronze
A6	Innova Junior College	Periodic Table of Plant Hyper-accumulators	1. Cai Xiulian Jesmine 2. Lim Cze Vin Kenneth	Lim Choon Huat Dr. Tan Swee Ngjin (NIE)	Silver
A7	Innova Junior College	The Biological Battery – Microbial Fuel Cell	1. Kong Chee Hoe 2. Watson Yong Ping 3. Tan Yi Zhong David	Tan Xiao Juan Tan Ter Ming Timothy (NIE)	Silver
A8	Innova Junior College	Investigation of the involvement of GA signaling pathway in floral development	Yeo Tuck Quan Alston	Dr Hu Wenwei (TLL)	Certificate of Participation
A9	Yishun Junior College	Investigation on the L-ascorbic acid Equivalent Antioxidant Capacity (AEAC) in Moringa Oleifera	1. Phua Zai Rong 2. Teo Jie Ying 3. Carol Wang Ai Yun 4. Audrey Wong Shuit Yin	1. A/P YAN YAW KAI (NIE) 2. WONG TECK TIAN (TEACHER)	Certificate of Commendation
A10	Yishun Junior College	Investigation of anthocyanins in Brassica oleracea (red cabbage) and Vaccinium myrtoides (blueberries)	1. Lee Sock Jun 2. Seah Lay Lan 3. Cheong Pei Lun 4. Hu Wei Lin	1. A/P TEO KHAY CHUAN (NIE) 2. LIM CHIEH YENG (TEACHER)	Bronze

A11	Yishun Junior College	An investigation into the seed dispersal and establishment of keystone Tree species in the primary forest of Upper seletar reservoir	1. Chua Shan Rong, Charlotte 2. Ho Jia Yi, Elicia 3. Kasthuri D/O Rajappa	1. ASST/P SHAWN KY LUM (NIE) 2. IRENE LIM (TEACHER)	Gold
B1	AJC	Chemical stripping method for the separation of Polycarbonate and metal by recycling compact discs	1. Ng Swee Chin 2. Andrea Li Lihui	Mrs Ong Yee Ling Mrs Kuah Yong Hui	Silver
B2	AJC	Anti-microbial properties of Manilkara zapota.	1.Tan Xing Yang Danny 2.Tan Mei Ting 3.Phua Yong Wei 4.Chen Jun Hao 5. Tan Hui Xian	Mr Ong Teck Keng Clement	Bronze
B3	AJC	Patterned polymer film by direct focused laser beam	1.Andrew Dermawan 2.Lim Weicheng 3.Tay Teck Yong Darren	Prof Sow Chorng Haur (NUS) Mr Cheong Fook Chiong (NUS) Mdm Ong Pei Sze Mr Chew Tse Yong	Bronze
B4	AJC	Fluid Viscosity in Tight Channels – A view from Colloidal Micro spheres	1.Howard Low Han Wuen 2 .William Chin Jian Wei	Prof Sow Chorng Haur (NUS) Mr Cheong Fook Chiong (NUS) Mdm Ong Pei Sze Mr Chew Tse Yong	Silver
B5	Innova Junior College	Stability of growth and expression of TET-ON CHO-IFN- γ cells	Lau Bih Qin Jennifer	Lee Yih Yean (BTI) Joann Lau Yee Jin (BTI)	Bronze
B6	Innova Junior College	My Smart Home	Lim Chien Ling Kimberlyn	Dr Yeo Boon Sain (Institute of Infocomm Research) Ms Ge Yu (Institute of Infocomm Research)	Certificate of Participation
B7	Innova Junior College	E12 – Channel Sounding/Measurement with Ultrawide Band Signalling	Lin Meiyu Dina	Mr Raymond Keh (Institute of Infocomm Research)	Certificate of Commendation
B8	Innova Junior College	An insight into Nano technology deposition and etching processes	Sim Yi Kuang	Ramam Akkipeddi (IMRE)	Bronze
B9	Yishun Junior College	Deployable & Foldable space frame structures	1. Chong Peifang 2. Gary Tan Hong Leng	1. A/P RICHARD LIEW (NUS) 2. GOH GIAM HWEE (TEACHER)	Gold (Presentation)

B10	Yishun Junior College	Earthquake effect in Singapore	1. Jeremy Tan Chang Hui 2. Kevin Lin Zhen Hao	1. A/P LEE FOOK HOU (NUS) 2. GOH GIAM HWEE (TEACHER)	Bronze
B11	Yishun Junior College	Very large floating structures	1. Lim Wei Jun 2. Chng You Cheng	1. A/P WANG CHIEN MING (NUS) 2.: GOH GIAM HWEE (TEACHER)	Bronze
B12	Yishun Junior College	Characterisation of FeCo nano-particles deposited on silicon substrate using single-shot plasma focus device	1. Tarn Rui Xin Ryan 2. Tiang Cheong Long 3. Yik Rui Ping 4. Tham Guang Yu Calvin	1. A/P RAJDEEP SINGH RAWAT (NIE) 2. KOH JONG MENG (TEACHER)	Gold (Presentation)