



ITE 06/18/01  
Press Release No 12/15

**Embargoed till 30 August 2015, 9am**

### **Goodwill on Wheels at SG50 ITE FIESTA 2015**

*Manpower Minister Lim Swee Say supports ITE's volunteerism activities by flagging off bicycles, handcycles and 25 taxis on a mission.*

**Mr Lim Swee Say, Minister for Manpower and Grassroots Adviser, East Coast GRC**, literally gives ITE a hand at **SG50 ITE Fiesta 2015**. He will support ITE staff, students and management to raise funds for the underprivileged through a cycling cum handcycling event. As the Guest-of-Honour, Minister Lim will officiate at the launch of *SG50 ITE Fiesta 2015* on Sunday 30 August 2015, and participate in two fundraising activities organised by the Institute of Technical Education (ITE) (See **Annex A** for his full programme). He will be joined at this event by three other East Coast GRC Grassroots Advisers.

2 Initiated by ITE, 'Cycle50 Wheels for Wheels' will gather a total of 50 persons to cycle for a good cause. To mark the final round of the 50 laps covered, at ITE College East's running track, Minister Lim will sound the air horn. The 50 laps pledged by ITE will effect a donation of \$12,420 by Nikko Asset Management Asia. The monies raised will be used to purchase 50 wheelchairs to benefit six Voluntary Welfare Organisations (VWOs) and three Constituency Offices (COs) within South East District. The full list of VWOs and COs is found in **Annex B**.

3 In 'Goodwheel Groceries', Minister Lim will flag off 25 taxis from Trans-cab Services, which will be pre-loaded with groceries sponsored by NTUC Fairprice Foundation. The \$3,500 worth of groceries will benefit 50 elderly from the Thye Hua Kuan (THK) Bedok Radiance Senior Activity Centre. Each taxi will ferry two

beneficiaries, and one ITE student who will help the elderly transport groceries from the taxi to the beneficiaries' doorsteps.

### **ITE Fiesta – A Community Outreach**

4 Introduced in 2011, the *ITE Fiesta* is a community outreach to members of the public and residents, who live near the ITE Colleges to discover ITE and understand the importance of skills and skills careers. For more information on the schedule of activities, please visit the official event website at <https://www.ite.edu.sg/itefiesta/>

5 Adopting the theme - ***Always Something New*** -, this fifth edition of *Fiesta* aims to inform the public of the programmes and learning environment in ITE through activities that cater to the whole family - from exciting games, hands-on demonstrations, informative workshops , energetic student performances and more.

### **Always Something New**

6 *SG50 ITE Fiesta* promises to be bigger and better this year! Held over two days, it is expected to host 8,000 members of the public and 2,000 secondary school students. ITE College East will transform into a vibrant carnival, where members of the public will not only witness the lively campus life, but learn more about ITE's authentic and innovative learning environment.

7 A total of 45 innovative projects (See **Annex C**), the brainchild of ITE staff and students, will be on display in the Indoor Sports Hall. Just to name a few, there is a piano-like device which encourages cognitive and motor skills in the elderly, a cleverly designed headset that allows users to turn on the power flow to a socket simply by blinking, and a prototype which leverages on fingerprint technology and smartphones to capture the punctuality and attendance of employees whenever required.

8 Members of the public may choose from 52 free workshops to attend, out of which nine workshops are jointly conducted with ITE's industry partners. Besides the

highly popular baking and cooking demonstrations, web applications to home maintenance tips, participants can expect workshops that will be taster sessions to the wide array of related courses offered by ITE.

9 Something new this year is the inclusion of motivational talks by two ITE alumni Romeo Tan and Jayley Woo, who are current Mediacorp artistes. Their personal sharing aims at inspiring students to carve out a career for themselves by pursuing their passion and dreams.

10 For more information and arrangement for media interviews, please contact:

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#### **About ITE**

The Institute of Technical Education (ITE) is a post-secondary education institution established in **1992** under the Ministry of Education. As a principal provider of career and technical education, and a key developer of national occupational skills certification and standards, ITE's **Mission** is to create **opportunities** for students and adult learners to acquire skills, knowledge and values for employability and lifelong learning. ITE's **Vision** is to be A **Trailblazer** in Career and Technical Education. Our **Values** are **Integrity, Teamwork, Excellence** and **Care**. ITE comprises the ITE Headquarters and three ITE Colleges - College Central, College East and College West.

**Annex A**

**PROGRAMME FOR MR LIM SWEE SAY  
MINISTER FOR MANPOWER AND GRASSROOTS ADVISER OF EAST COAST  
GRC**

<b><u>Time</u></b>	<b><u>Activity</u></b>
9.00 am	Arrival of Guest-of-Honour Mr Lim Swee Say Minister of Manpower and Grassroots Adviser of East Coast GRC
9.15 am	Cycle50 Wheels for Wheels
9.30 am	Tour of College Project Booths
10.00 am	Observation of a Workshop
10.10 am	Walk Through Volunteerism Activities
10.25 am	Goodwheel Groceries
10.40 am	Refreshments
11.00 am	End of Programme

**BENEFICIARIES OF 'CYCLE50 WHEELS FOR WHEELS'**

**Voluntary Welfare Organisations:**

1. Al-Ansar Mosque
2. Bethesda Care & Counselling Services Centre
3. Bethesda Cathedral
4. Montfort Care
5. Serangoon Moral Family Service Centre
6. Viriya Family Service Centre

**Constituency Offices**

1. Bedok Constituency Office
2. Fengshan Constituency Office
3. Siglap Constituency Office

## Annex C

### PROJECT BOOTHS IN INDOOR SPORTS HALL

S/N	COLLEGE	TITLE	DESCRIPTION
1	ITE College Central	Are You Game Enough?	Play a variety of simple interactive games developed by our students on laptops and tablets, and explore students' projects!
2	ITE College Central	Manpower Resource Allocation	Verifying physical attendance can be a challenge for companies that employ contractual employees without fixed working sites.  To resolve the problem, our students have leveraged on fingerprint technology and the popularity of smartphones to create a workable prototype to capture the punctuality and attendance of employees whenever it is needed.
3	ITE College Central	Breakout	Breakout is a game where the player moves the paddle by waving his/her hand. Have fun waving and bouncing in this new version of the classic "ball-bouncing to hit bricks" game!
4	ITE College Central	Biometric Security Lock	The security lock system applies biometrics technology to the fingerprint scanning system. By scanning their fingerprints with a scanner, users can unlock the door as long as their fingerprints are authenticated against the database.
5	ITE College Central	Pill Crusher	This project showcases the portable pill crusher - a useful tool for crushing pills into powder for easy swallowing, especially for the elderly. Currently, nurses use pestle and mortar to crush tablets, a time-consuming practice which can result in inconsistent quality. Crushing pills placed in a high density poly bag within two electrically operated rollers, will give you powdery pills anytime, every time.
6	ITE College Central	Fun with 3D Printers!	Do you believe that a name card holder or a hair accessory can be created in less than 20 minutes? Check out how 3D printing technology can bring your customised designs to life! From virtual CAD drawings on the computer to actual 3D objects, see how you can create prototypes, accessories and models in just a few easy steps.
7	ITE College Central	Topple the Dominoes!	Build your own SG50 logo with dominoes and topple them in the shortest time possible! Participants will get to unleash their creativity and learn to work together as a team to complete this task.
8	ITE College Central	Blooming Bouquets	Take a step back to appreciate nature's beauty! Be entranced by a lovely showcase of fresh and artificial flowers arranged by our <i>Nitec</i> in Floristry students. Participants will learn to assemble and take away a stalk of flower as a souvenir.
9	ITE College Central	Jewel Changi Airport	Learn more about Singapore through interactive games developed by staff and students. These games will enhance participants' knowledge about the development of our award winning Changi Airport as well as many other Jewels of Singapore.
10	ITE College Central	Fun with Accounting!	Learn accounting the fun and effective way!  In this interactive board game, players are to keep records of their business transactions and make the right financial decisions to maximize profits and win the game. They will also be exposed to a computerised version which provides immediate feedback when posting entries are entered into the system.

11	ITE College Central	Little Bankers	Enjoy fun learning through games! Learn simple economic principles of demand and supply, inflation, cash flow, net worth and goal setting through 'The Little Banker' card game designed by our lecturers.
12	ITE College Central	Ship the Cargo!	Have you always wondered how your overseas purchases arrive in your letter box? Find out more about shipping operations, as well as time sensitivity and accuracy needed for shipping businesses to thrive!
13	ITE College Central	Make Your SG50 Badge!	Join us as we transform visuals into button badges! In conjunction with SG50, design your very own personalised badge using iconic symbols and landmarks such as The Merlion, HDB flats or even your favourite local dish! A unique greeting card will be included if you are thinking of giving the button badge to friends.
14	ITE College Central	School of Design & Media Showcase	The booth showcases School of Design & Media courses and students' works, including a special feature on the Space Design courses, where 3D drawings as well as architectural and interior models produced by students will be displayed.
15	ITE College East	The Patient-Care-Investigator (PCI)	Find out how our nurses-in-training use the ADPIE (Assessment, Diagnosis, Planning, Implementation & Evaluation) model to assess and provide appropriate nursing care to patients. With a simple checklist, participants will be able to identify the correct type of nursing care to be rendered for individual patients.
16	ITE College East	Remove the Dye!	To reduce the environmental damage caused by the discharge of synthetic dyes, our students have found a cost effective solution by making use of commonly found fallen dried leaves for the cationic dye removal of industrial wastewater.
17	ITE College East	Recycle Coffee Grounds	Discover multiple uses for used coffee grounds! Get hands-on experience in creating plant compost from coffee waste and save the environment. Using simple gardening tools, DIY a small pot of plant as a souvenir for yourself at the end of the workshop!
18	ITE College East	Eye Power	Check your vision with our latest eye care equipment and learn more about the various refractive errors. Visitors can also find out if their eyesight is healthy and if their spectacles are of the correct power.
19	ITE College East	Put on your Creativity Cap!	Try your hand at designing invitation cards, online interactive games and retro games for all age groups! Stand a chance to win custom made badges when you visit the booth.
20	ITE College East	Beauty Makeover	Ever wondered how celebrities can look so good on screen? They have the experts working on them! Find out how to change the appearance of a person's facial features to complement his/her face shape, give it definition, and enhance his/her overall looks!
21	ITE College East	Are You the Right Candidate?	Interested in Human Resource work? Come and try matching appropriate candidates to available jobs and see how good you are at finding the right fit!
22	ITE College East	Fin@nCE	Learn more about Financial Assets and Liabilities by participating in interactive games!
23	ITE College East	Lift It Up!	Did you know that Logistics facilitates international trade and is an important backbone of Singapore's economy? Join us to find out more about Material Handling Equipment (Forklift) and how practical training modules have been enhanced by our innovative lecturers!
24	ITE College East	Styling Tresses	Bored with your current hairstyle? Learn how to give your tresses a stylish update with Do-It-Yourself videos created by our students. Let us take you through the easy step-by-step hair styling to transform your hairstyle for any occasion. You will be in for an interesting HAIRSpexperience!

25	ITE College East	Fun with Mobile Devices	Your smart phone is smarter than you think! Discover how to use your smart phones to control external interfaces such as robotic arms, household appliances and toys with the Arduino microcontroller board.
26	ITE College East	Amazing Flying Machines	Check out the amazing flying machines built by our students and learn how to operate them!
27	ITE College East	Spot Cyber Risks!	How do you spot a cyber risk? Learn about Augmented Reality through this simple yet fun game and find out how it is used as a magnifying glass to identify cyber risks through filtering black hats from white ones.
28	ITE College East	Robotics Fun	Check out the latest electronics technology in the field of robotics, and have fun interacting with the robots!
29	ITE College East	Visual Buddy	VIG-Bud is a prototype assistive device which aims to act as a guide buddy for those with sight disabilities. It also helps to prevent upper body injury with its early sensing ability to warn user of any objects or obstacles ahead.
30	ITE College East	ToilAID	Designed to aid the elderly and wheelchair bound for safe transport to and from the toilet, Flexi-MORBASC (Flexi - Mobile Reclining Backrest Shower Commode) is made of aluminium alloy to enhance its sturdiness and is also rust resistant. Its flexible design allows easy usage over any toilet bowl and during shower.
31	ITE College East	Physio Arm Therapic Exerciser	Specially designed for elderly stroke patients in rehabilitation, the Physio Arm Therapic Exerciser gadget helps to improve their condition and boost their confidence for a speedy recovery.
32	ITE College East	Music Therapy for the Elderly	Discover the healing power of music therapy! Find out how music can be used to improve cognitive functioning, motor skills, emotional development and social skills for elderly needs.
33	ITE College West	Play to Learn	Through interactive board games developed by our lecturers, participants can easily acquire and apply their newly gained knowledge in service excellence and accounting.
34	ITE College West	45° Toilet Seat	Do you know that bathroom posture can affect how well you move your bowels? To improve on the conventional flat toilet bowl design, the Beyond Parallel team has designed a prototype of an add-on toilet seat that tilts exactly at an angle of 45 degrees. Come to the booth and let our students prove it to you that this is possible!
35	ITE College West	Save Food, Cut Waste	Do you know that an average person in Singapore generates about 130 kg of food waste a year?  Come join us to learn more about how food waste can spiral into social side effects on our fragile environment. Get useful tips on food waste reduction, and take action to save the environment!
36	ITE College West	Who Scratched My Car?	Car Scratching Incident Detection System (CSI) acts like a CCTV to monitor and detect the scratching action of the vandals on the sides of a car. It is able to capture the blind spots not covered by cameras installed in the car or at the car park. With strong evidence, the police can thus press for prosecution charges.
37	ITE College West	Mind Control	Learn how you can switch on/off a fan and lights by simply blinking your eyes when wearing a brainwave sensor!  The Brainwave-based Assistive System is built to improve the independent living of motor disabled patients at home. It enables users to control power sockets and trigger an alarm by using brainwaves (attention level or eye blinks).



38	ITE College West	Virtual Teaching Assistant	Learn about a mobile learning app which allows users to enter text, take photos and record videos to meet the requirements of the prescribed learning activities. This app supports a variety of media formats; hence students can learn outside the classroom and submit their homework through their mobile devices, while teachers can also use the app to monitor their students' progress.
39	ITE College West	Separate the Beans!	Baking coffee beans and caramel sugar together will cause the coffee beans to stick to one another. Participants will learn to use CAD software to design a machine for separating coffee beans before grinding. 3D printing technology will be used to print out the components to construct the machine.
40	ITE College West	Box-Shifting Mechanism	Watch a demonstration of a simple mechanism design which helps transfer semi-finished parts or assemblies from one station to another. Participants will create parts and assemble their designs using 3D design software, 3D printers and conventional Milling and Turning machines.
41	ITE College West EST	Leather Stamping	Try out hot stamping of our ITE College West logo onto leather using just one push button with our machine which operates using an electro-pneumatic cylinder.
42	ITE College West	Are You Using Too Much Water?	Spending long hours in the bathroom? This device alerts the user if he/she is exceeding the average water usage during showers. With this device, good showering habits can be cultivated and water wastage will be reduced.
43	ITE College West	Creative Towel Origami	Be amazed by what our students can create with a towel. These little animals and cute towel decorations will definitely enhance our guests' experience at Hotel West.
44	ITE College West	Shake it Up!	Try your hands at diverse tasks for job roles within the F&B industry! Learn the techniques of mocktails mixing as well as the different concoctions and ingredients that can be used to create your own signature mocktail! Master the art of napkin folding, an integral part of a restaurant's table setting.
45	ITE College West	I Love Canapés!	Participants are invited to put the finishing touches on a selection of attractive pre-made canapés using espuma bottles, and also get to sample their products