

## OVER 90% OF POLYTECHNIC GRADUATES EMPLOYED WITHIN SIX MONTHS IN 2016, HIGHER THAN IN 2015

*Singapore, 9 January 2017* – The Graduate Employment Survey, jointly conducted by the five polytechnics in 2016, showed that the overall employment rate<sup>1</sup> increased for both fresh graduates and post-National Service (NS) graduates compared to 2015. The overall employment rate in 2016 was 90.6% for fresh graduates, and 95.4% for post-NS graduates.

Polytechnic graduates continue to command good salaries. The overall median gross monthly<sup>2</sup> salary for fresh graduates and post-NS graduates in full-time permanent employment was \$2,200 in 2016, similar to that of 2015 graduates.

### **Fresh Graduates**

10,541 out of 14,004 fresh graduates took part in the 2016 survey, where they were asked to respond on their employment status as at 1 Oct 2016, around six months after the completion of their final examinations.

90.6% of the respondents who were in the labour force (i.e. those who were working or not working but actively looking and available for work) found employment, which was 1.7 percentage points higher than in 2015. Among those in the labour force, 55.8% of respondents secured full-time permanent employment<sup>3</sup>, while 34.8% were on part-time/temporary/freelance employment (see **Appendix I: Figure 1**). A majority of fresh graduates on part-time/temporary/freelance employment were doing so because they were pursuing or preparing to commence further studies.

The median gross monthly salary among respondents who were fresh graduates in full-time permanent employment was \$2,180, up 3.8% from \$2,100 in 2015 (see **Appendix I: Figure 2**).

### **Post-National Service Graduates**

5,106 out of 9,212 graduates from 2013 who completed their full-time NS between 1 Apr 2015 and 31 Mar 2016 also took part in the 2016 survey.

As of 1 Oct 2016, 95.4% of the respondents who were in the labour force found employment, which was 3.9 percentage points higher than in 2015. Among those in the labour force, 70.2% of respondents secured full-time permanent employment, while 25.2% were on part-time/temporary/freelance employment (see **Appendix I: Figure 1**). A majority of post-NS graduates on part-time/temporary/freelance employment were doing so because they were pursuing or preparing to commence further studies.

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<sup>1</sup> The overall employment rate refers to the number of employed graduates as a proportion of graduates in the labour force (i.e. those who were working or not working but actively looking and available for work).

<sup>2</sup> Gross Monthly Salary comprises basic salary, fixed allowances, over-time pay, commissions and other regular cash payments, before deduction of the employee's CPF contributions and personal income tax. Employer's CPF contributions, bonuses, stock options, other lump sum payments, and payments-in-kind are excluded.

<sup>3</sup> Full-time permanent employment refers to employment of at least 35 hours a week and where the employment is not temporary. It includes those on contracts of one year or more.

The median gross monthly salary of respondents who were post-NS graduates in full-time permanent employment was \$2,517, similar to 2015 (see **Appendix I: Figure 2**).

### **Gross Monthly Salary by Course Category**

Among the full-time permanently employed respondents, both fresh graduates and post-NS graduates from the Health Sciences category earned the highest median gross monthly salary compared to their peers.

Course Category <sup>4</sup>	Gross Monthly Salary (SGD)					
	Fresh Graduates		Post-NS Graduates		Fresh and Post-NS Graduates	
	Mean	Median	Mean	Median	Mean	Median
Applied Sciences	\$2,086	\$2,000	\$2,616	\$2,400	\$2,207	\$2,050
Built Environment, Engineering & Maritime	\$2,320	\$2,200	\$2,681	\$2,550	\$2,493	\$2,300
Business, Management, Design & Others	\$2,162	\$2,000	\$2,777	\$2,500	\$2,320	\$2,100
Health Sciences	\$2,452	\$2,400	\$2,825	\$2,800	\$2,492	\$2,450
Information & Digital Technologies	\$2,181	\$2,100	\$2,662	\$2,500	\$2,384	\$2,220
<b>All Courses</b>	<b>\$2,251</b>	<b>\$2,180</b>	<b>\$2,706</b>	<b>\$2,517</b>	<b>\$2,397</b>	<b>\$2,200</b>

More details of the 2016 survey findings can be found in **Appendix I**.

<sup>4</sup> **Appendix II** lists all diploma courses under each course category.

**Media Release Issued by**

**Temasek Polytechnic**

Ms Vimala Christie

Corporate Communications

Tel: 6780 5019 / 9790 0319

Email: vimalac@tp.edu.sg

**Other Media Contacts:**

**Nanyang Polytechnic**

Ms Wong Cuiyan

Communications & Outreach

Tel: 6550 0246/ 9764 4034

Email: wong\_cuiyan@nyp.edu.sg

**Republic Polytechnic**

Mr Patrick Seng / Mr Julian Soh

Office of Corporate Communications

Tel: 9767 6701 / 9018 0719

Email: patrick\_seng@rp.edu.sg /  
julian\_soh@rp.edu.sg

**Ngee Ann Polytechnic**

Ms Sangeetha Naidu

Corporate Communications Office

Tel: 6460 6232/ 9487 1706

Email: sangeetha@np.edu.sg

**Singapore Polytechnic**

Mr Frank Chua

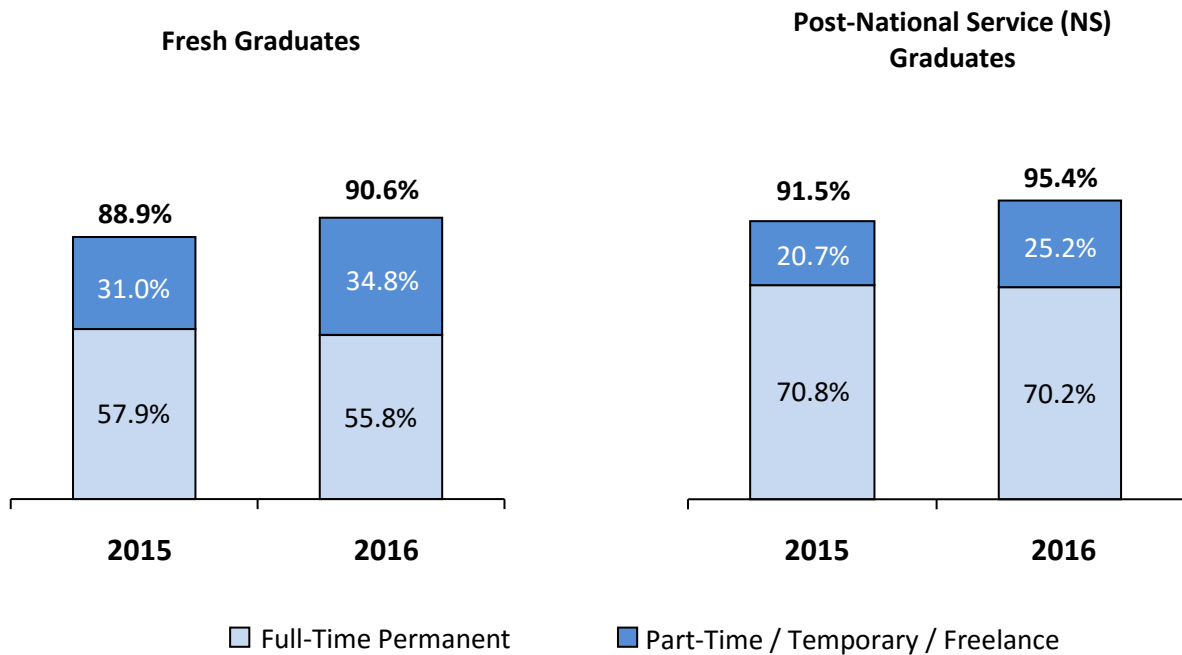
Department of Communications

Tel: 6780 7043 / 9771 7871

Email: frank\_chua@sp.edu.sg

## APPENDIX I: KEY EMPLOYMENT INDICATORS

**Figure 1: Employment Rate (%) of Respondents**



**Note:** Employment rate figures may not add up due to rounding off.

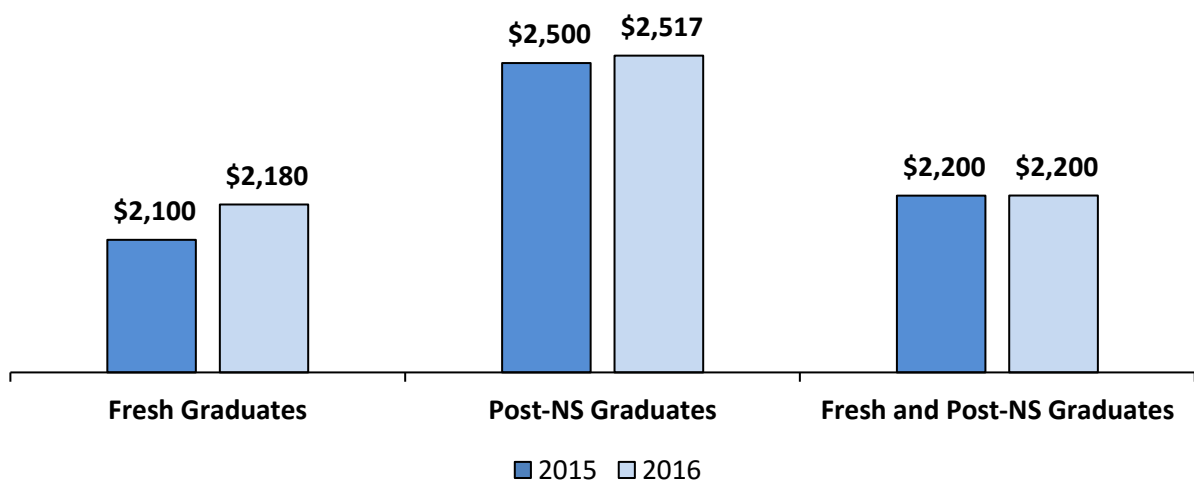
**Full-time Permanent Employment** refers to employment of at least 35 hours a week and where the employment is not temporary. It includes those on contracts of one year or more.

**Part-time Employment** refers to employment of less than 35 hours a week.

**Temporary Employment** refers to casual, interim or seasonal employment, including those on contracts of less than one year.

**Freelance Employment** refers to those who are hired by a client company on a project basis, and operate their own business without employing any paid worker.

**Figure 2: Median Gross Monthly Salary (\$) of Respondents in Full-Time Permanent Employment**



**Gross Monthly Salary** comprises basic salary, fixed allowances, over-time pay, commissions and other regular cash payments, before deduction of the employee's CPF contributions and personal income tax. Employer's CPF contributions, bonuses, stock options, other lump sum payments, and payments-in-kind are excluded.

## APPENDIX II: LIST OF COURSE CATEGORIES & DIPLOMA COURSES SURVEYED

<p><b><u>APPLIED SCIENCES</u></b>            Applied Chemistry with Pharmaceutical Science; Chemical &amp; Pharmaceutical Technology (NYP,SP)            Applied Food Science &amp; Nutrition; Food Science &amp; Nutrition; Food Science &amp; Technology (NYP,SP,TP)            Baking &amp; Culinary Science (TP)            Biologics &amp; Process Technology (NYP)            Biomedical Lab Technology; Biomedical Science; Biomedical Sciences (NP,RP,SP,TP)            Biotechnology; Molecular Biotechnology (NYP,NP,RP,SP,TP)            Chemical &amp; Green Technology (NYP)            Chemical Process Technology (SP)            Consumer Science &amp; Technology (TP)            Environmental Science (RP)            Horticulture &amp; Landscape Management; Landscape Design &amp; Horticulture (NP)            Materials Science (RP,SP)            Medicinal Chemistry (NYP)            Nutrition, Health &amp; Wellness (SP)            Perfumery &amp; Cosmetic Science (SP)            Pharmaceutical Science; Pharmaceutical Sciences; Pharmacy Science (NYP,NP,RP,TP)            Veterinary Bioscience; Veterinary Technology (NP,TP)</p> <p><b><u>BUILT ENVIRONMENT, ENGINEERING &amp; MARITIME</u></b>            3D Interactive Media Technology; Interactive Media Technology (TP)            Aeronautical &amp; Aerospace Technology; Aeronautical Engineering; Aerospace Engineering; Aerospace Technology (NYP,NP,RP,SP,TP)            Aerospace Avionics; Aerospace Electronics; Aerospace Systems and Management (NYP,NP,RP,SP,TP)            Architecture (SP)            Audio-Visual Technology (NP)            Automation &amp; Mechatronic Systems; Mechatronic Engineering; Mechatronics; Mechatronics &amp; Robotics; Mechatronics Engineering (NYP,NP,SP,TP)            Aviation Management &amp; Services; Civil Aviation (RP,TP)            Bioengineering; Biomedical Electronics; Biomedical Engineering; Biomedical Informatics &amp; Engineering (NYP,NP,RP,SP,TP)            Business Process &amp; Systems Engineering; Industrial and Operations Management (RP,TP)            Chemical &amp; Biomolecular Engineering; Chemical Engineering (NP,SP,TP)            Civil &amp; Environmental Engineering; (NP)            Civil Engineering with Business (SP)            Clean Energy; Clean Energy Management; Renewable Energy Engineering (NP,RP,SP,TP)            Computer Engineering (SP)            Computer Engineering; Electronics; Electronic &amp; Computer Engineering; Electronics, Computer &amp; Communication Engineering; Media &amp; Communication Technology; Microelectronics (NYP,NP,TP)            Digital &amp; Precision Engineering (NYP)            Digital Entertainment Electronics (RP)            Electrical &amp; Electronic Engineering (RP)            Electrical &amp; Electronic Engineering; Electrical Engineering; Electrical Engineering with Eco-Design (NYP,NP,SP)            Engineering Science (NP)            Engineering systems (SP)            Engineering with Business (SP)            Environmental &amp; Water Technology; Environmental Management &amp; Water Technology (NP,SP)            Green Building &amp; Sustainability; Intelligent Building Technology (TP)            Hotel &amp; Leisure Facilities Management; Integrated Facility Management; Leisure &amp; Business Facilities Management (NP,SP,TP)            Infocomm &amp; Network Engineering; Info-Communication Engineering &amp; Design; Info-Communications; Information Communication Technology (SP,TP)            Landscape Architecture (SP)            Manufacturing Engineering (NYP)            Marine &amp; Offshore Technology (NP)            Marine Engineering (SP)            Mechanical Engineering (NP,SP)            Micro and Nanotechnology; Nanotechnology &amp; Materials Science (NYP,RP)            Multimedia &amp; InfoComm Technology; Telematics &amp; Media Technology (NYP)            Product Design &amp; Innovation (NP)            Real Estate Business (NP)            Supply Chain Management (RP)            Sustainable Urban Design &amp; Engineering (NP)</p>	<p><b><u>BUSINESS, MANAGEMENT, DESIGN &amp; OTHERS (cont.)</u></b>            Business Innovation &amp; Design (SP)            Business; Business Administration; Business Management; Business Studies; International Business (NYP,NP,SP,TP)            Child Psychology &amp; Early Education; Early Childhood Education; Early Childhood Studies (NP,TP)            Chinese Media &amp; Communication; Chinese Studies (NP)            Consumer Behaviour &amp; Research (RP)            Creative Writing for TV &amp; New Media (SP)            Culinary &amp; Catering Management; Food &amp; Beverage Business; Restaurant and Culinary Operations (NYP,RP,TP)            Customer Relationship and Service Management (RP)            Design for Interactivity; Digital Media Design (Interaction Design) (NYP,RP)            Digital Media Design (Games); Game Design; Game Design &amp; Development (NYP,RP,SP)            Environment Design (TP)            Experience &amp; Product Design (SP)            Financial Informatics (NYP,SP)            Fund Management &amp; Administration (NYP)            Gerontological Management Studies (TP)            Hospitality &amp; Tourism Management; Hotel and Hospitality Management; Integrated Events &amp; Project Management; Integrated Events Management; Leisure &amp; Resort Management; Tourism &amp; Resort Management (NYP,NP,RP,SP,TP)            Human Resource Management with Psychology (SP)            Industrial Design; Product &amp; Industrial Design (NYP,TP)            Interactive Media Design (TP)            Interior Architecture &amp; Design; Interior Design; Retail &amp; Hospitality Design; Space &amp; Interior Design (NYP,SP,TP)            International Supply Chain Management; International Logistics &amp; Supply Chain Management; Logistics Management; Logistics &amp; Operations Management (NP,TP)            Law &amp; Management (TP)            Maritime Business; Maritime Transportation Management (SP)            Marketing; Retail Management (NYP,TP)            Nautical studies (SP)            Outdoor and Adventure Learning (RP)            Psychology &amp; Community Services; Psychology Studies (NP,TP)            Social Enterprise Management; Social Sciences (Social Work) (NYP,RP)            Sport &amp; Wellness Management; Sports &amp; Leisure Management (NYP,RP)            Sports Coaching (RP)            Visual Communication; Visual Communication &amp; Media Design (NYP,SP,TP)            Wellness, Lifestyle and Spa Management (RP)</p> <p><b><u>HEALTH SCIENCES</u></b>            Dental Hygiene &amp; Therapy (NYP)            Diagnostic Radiography; Radiation Therapy (NYP)            Health Management and Promotion; Healthcare Administration (RP)            Health Sciences (Nursing); Nursing (NYP,NP)            Occupational Therapy (NYP)            Optometry (NP,SP)            Physiotherapy (NYP)            Sports &amp; Exercise Sciences (RP)</p> <p><b><u>INFORMATION &amp; DIGITAL TECHNOLOGIES</u></b>            Business Applications; Business Information Systems; Business Information Technology (RP,SP)            Business Enterprise IT (NYP)            Business Intelligence &amp; Analytics (NYP, TP)            Cyber &amp; Digital Security; Digital Forensics; Infocomm Security Management; Information Security; Network Systems and Security (NYP,NP,SP,TP)            Digital Entertainment Technology (Games); Game &amp; Entertainment Technology (NYP, TP)            Digital Media; Interactive &amp; Digital Media; Multimedia &amp; Animation (NP,RP,SP)            Digital Visual Effects (NYP)            Engineering Informatics (NYP,NP)            Financial Business Informatics; Financial Informatics (NP,TP)            Information Technology (NYP,NP,RP,SP,TP)            Interactive Media Informatics (TP)            IT Service Management (RP)            Mobile &amp; Network Services; Mobile &amp; Wireless Computing; Mobile Business Solutions (NP,TP)            Mobile Software Development (RP)            Music &amp; Audio Technology; Sonic Arts (RP,SP)</p>
<p><b><u>BUSINESS, MANAGEMENT, DESIGN &amp; OTHERS</u></b>            Accountancy; Accountancy &amp; Finance; Accounting &amp; Finance (NYP,NP,SP,TP)            Advertising &amp; Public Relations; Communications &amp; Media Management; Communication and information Design; Mass Communication; Mass Media Management; Media and Communication; Media Studies &amp; Management; New Media (NYP,NP,RP,SP,TP)            Animation &amp; 3D Arts; Digital Animation; Digital Film &amp; Television; Digital Media Design (Animation); Digital Visual Effects; Film, Sound &amp; Video; Motion Graphics &amp; Broadcast Design; Moving Images; Visual Effects &amp; Motion Graphics (NYP,NP,SP,TP)            Apparel Design &amp; Merchandising (TP)            Applied Drama &amp; Psychology (SP)            Arts Business Management; Technology and Arts Management (NP,RP)            Banking &amp; Financial Services; Banking &amp; Finance (NYP,NP,SP)            Business and Social Enterprise (NP)            Business Informatics; Business Information Technology (NYP,NP,TP)</p>	