1. Application Materials

Application materials include the following:

- Application Form
- Transcript Request Form
- 2 Referee Report Forms

2. Eligibility

Thematic Ph.D. Programmes

Applicants who are applying for the Thematic research programme scholarships are expected to have at least a Bachelor's Degree with Honours (at least 2nd Class Upper) or its equivalent.

International candidates are expected to submit their TOEFL and GRE/GATE test scores to support their applications.

Candidate should have the ability to pursue research in the candidate's proposed field of advanced study.

3. Scholarships

(A) Thematic Research Programmes Scholarships

(i) Singapore International Graduate Award (SINGA)

Eligibility

- Open to all international students
- Graduates with a passion for research and excellent academic results
- Good skills in written and spoken English
- Good reports from academic referees

Coverage

- Full support for tuition fees for 4 years of PhD studies
- Attractive monthly stipend over 4 years of PhD studies, which can support you comfortably. The stipend amount is S$ 24,000 annually to be increased to S$30,000 annually after passing the PhD Qualifying Examinations.
- One-time Airfare Grant of S$1,500 Return Airfare
- One-time S$1,000 Settling-in Allowance

(ii) A*STAR Graduate Scholarship (AGS)

AGS (NUS) is a collaboration between A*STAR and NUS. Scholars register at NUS and undertake their research at an A*STAR Research Institute (RI) or the university. Scholars are given opportunities to travel abroad for conferences and overseas research attachments during their PhD studies. In addition, scholars who complete the 4-year PhD programme will be given the opportunity for a 2-year post-doctoral fellowship at a top overseas university or research laboratory.
Eligibility

- Singaporeans, Singaporean Permanent Residents and ASEAN Nationals.*
- Candidates must have at least 2nd Class (Upper) Honours and good ‘A’ Level (or equivalent) results.
- Candidates must satisfy criteria for PhD admission to NUS.
- Preference will be given to candidates with a strong interest in a research career.
- Awardees are expected to attain good GRE scores. For recent intakes, the average scores of successful awardees for the combined Verbal and Quantitative components were 1360 with a standard deviation of 90. A score of at least 4.5 for the Analytical Writing components is also expected.

* Successful candidates who are not Singaporeans are required to take up Singapore Citizenship.

4. How to complete the application forms

Application Form
Any omission of information required in the application forms or supporting documents will render the application void and should be avoided. Please complete the application form in English. All supporting documents, if not in English, must be accompanied by copies of the English translation of the documents.

Transcript Request Form
An official transcript of academic records is required from each university attended. You are responsible for requesting your transcript from the university concerned. Please use the Transcript Request form for this purpose. If you have attended more than one university, you should make photocopies of the transcript request form as required.

You should request your university to send the transcripts, enclosed in a SEALED envelope with its flap bearing the security seal of the university and the signature of the Registrar or his representative, directly to the department where you are applying to. In the meantime, a copy of the transcript is to be included in the application materials.

Referee Reports
Recommendations from 2 academic referees are to be submitted by using the attached Referee’s Report forms. You should request your referees to return the forms in a SEALED envelope, with its opening bearing their signatures across it, to the department where you are applying to.

TOEFL and GRE/GATE Scoresheets
Applicants can either:
(a) submit scoresheets certified by their Universities with an original stamp; or
(b) request the NUS Department to certify their scoresheets if they are in Singapore; or
(c) request Educational Testing Services (ETS) to send original TOEFL and GRE scores to NUS. Scores should be sent to the Department in which the applicant is interested in pursuing his/her research. Institution code of NUS is 0677 for GRE and 9084 for TOEFL.

Graduates from Indian Universities may send either GRE or GATE scoresheets.

Applicants may be required at the discretion of the Department Head or Vice-Dean (Graduate Studies), Faculty of Engineering, to undergo such tests as may be set to assess their suitability for University study and to appear for interviews.

5. Where to send the forms

Please return the completed application forms and supporting documents to the

1) Department of Electrical & Computer Engineering
   National University of Singapore
   4 Engineering Drive 3, Block E4 #05-45
   Singapore 117576

Please note that incomplete applications will not be processed.
APPLICATION CHECKLIST

Please remember to include the following documents in your application:

For each programme that you are applying, you should enclose the following:
(Please tick ☑ against documents submitted).

☐ The completed application form
☐ Supporting documents (to be arranged in the following order)
  ☐ Citizenship certificate
  ☐ A copy of Bachelor’s and/or Master’s degree transcript/latest result slip & certificate (with English translation, if applicable)*
  # For transcript, please request your University/institution to send it directly to NUS in a SEALED envelope with its flap bearing the security seal and the signature of the Registrar or representative.
  ☐ TOEFL and GRE/GATE scoresheets (if applicable)
☐ 2 Referee Reports (these reports should be sent to us in SEALED envelopes whose openings bear the referee’s signature across it).
☐ Copy of publication(s) (if applicable)

Please help us to arrange your documents in the following order. Thank you.
To the Applicant:

Kindly complete this section of the form and send it to the Registrar (or the relevant person-in-charge) of the University which you are requesting your transcript.

Applicants who are requesting for transcript from NUS itself, please submit your application online at http://www.nus.edu.sg/registrar/adminpolicy/transcripts.html. An application fee of $5.00 (excl GST) is applicable. To have this form attached to the transcript, you can email this form to transcript@nus.edu.sg as an attachment or submit it at the Student Service Centre. Please indicate in the Remarks column in the Online request, the mode and date that you have submitted this Form.

Applicant's Name : _________________________ Date of birth : ________________
Applicant's Tel  : ________________ Applicant's Email : _____________________
University : _____________________________________________________
Date of Enrolment : (from) _____________________ (to) _____________________
Date of Conferment : _________________ Degree Conferred : _____________________
NUS Dept/Div applied to : Attn Head, Department / Division of _______________ Engineering

To the Registrar/Person-in-charge

1. The person whose name appears above is applying for admission to our higher degree programme.

2. The application cannot be considered without an official transcript of academic records submitted by your University. This transcript must bear the stamp of your University and the name and signature of the Registrar or authorised person.

3. Subject to the rules governing your University, the transcript should include:
   (a) Date of enrolment
   (b) A list of all subjects taken (with dates), and the grades obtained for each subject.
   (c) Title of degree awarded and date of conferment.
   (d) Rank in class
   (e) Interpretation or explanation of grades

4. If the transcript is in a language other than English, please provide an official English translation.

5. Please send the official transcript together with this form in a sealed envelope whose opening bear security seals used by the University to the: Department of Electrical & Computer Engineering, National University of Singapore, 4 Engineering Drive 3, Block E4 #05-45, Singapore 117576

The closing date for receipt of application is: 1 June 2013 (for January 2014 Intake)
1 December 2012 (for August 2013 Intake)
Electrical and Computer Engineering, Faculty of Engineering

Application form for

Doctor of Philosophy – Thematic Programme

This form may take you 20 minutes to complete.
Please complete the application form and return it to the Department of Electrical and Computer Engineering that you are applying to, complete with:

1. the relevant documents
2. one passport-size photograph

Name of Applicant: (As appear in Identity Card/Passport and underline Surname/Family Name)

<table>
<thead>
<tr>
<th>Intake Applied</th>
<th>Degree Applied</th>
<th>Type of Programme</th>
<th>Source of Finance</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ January 2014</td>
<td>Doctor of Philosophy (Ph.D.) – Thematic Programme</td>
<td>□ Full-time</td>
<td>□ A<em>STAR AGS Scholarship</em></td>
</tr>
<tr>
<td>□ August 2013</td>
<td>DSI-ECE on Embedded Systems &amp; Data Center Technologies</td>
<td></td>
<td>□ A<em>STAR SINGA Scholarship</em></td>
</tr>
<tr>
<td></td>
<td>IME-ECE on Power Semiconductors</td>
<td></td>
<td>□ NUS ECE Dept Scholarship*</td>
</tr>
<tr>
<td></td>
<td>A*STAR Experimental Power Grid Centre (EPGC)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please indicate your choices with a tick (✔)

*Source of finance: refer to http://www.ece.nus.edu.sg/academic/graduate/theme_awards.html on the terms & conditions of the scholarships

*Source of finance: refer to http://www.nus.edu.sg/admissions/graduate-studies/scholarships-nrs.php on the terms and & conditions of the scholarship

Completed application is to be submitted to the Department of Electrical and Computer Engineering. You are required to indicate on the application envelope CLEARLY the following address:

Attention: Thematic Programme (PhD)
Department of Electrical and Computer Engineering
Block E4, Level 5, Room 45
4 Engineering Drive 3
Singapore 117576
National University of Singapore

Application Deadline:
✔ 1 June 2013 (for January 2014 Intake)
✔ 1 December 2012 (for August 2013 Intake)
### 1) Personal Particulars

<table>
<thead>
<tr>
<th>Name (Write in BLOCK letters)</th>
<th>Gender</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr / Mr / Mrs / Mdm / Miss</td>
<td>□ Male</td>
<td>□ Female</td>
</tr>
<tr>
<td>(Please underline Surname/Family Name)</td>
<td>(As at 31 Dec of this year)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Permanent Home Address</th>
<th>Telephone Number</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Mailing Address</th>
<th>Telephone Number / Handphone Number</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address in Chinese characters (if applicable)</th>
<th>Fax Number (with area code)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Office Name &amp; Address</th>
<th>Telephone Number</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Date of Birth (DD/MM/YY)</th>
<th>Place of Birth</th>
<th>Domicile (Country you live in permanently)</th>
<th>Ethnic Group</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Marital Status</th>
<th>No. of Children</th>
<th>NRIC (for Singaporeans, PR or Malaysians only):</th>
<th>Date &amp; Place of Issue</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of NRIC</th>
<th>Passport No. (if available):</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Citizenship (Please attach a copy of your citizenship status)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Singaporean</td>
<td>□ Singapore Permanent Resident</td>
</tr>
<tr>
<td>□ Malaysian</td>
<td>□ Others (Please specify: _________________________ )</td>
</tr>
</tbody>
</table>

### 2) National Service (For Singaporeans Only)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Currently Serving</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ORD: ________)</td>
<td>(Expected ORD: ________)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disrupted</th>
<th>Exempted</th>
</tr>
</thead>
</table>
### (3) PARTICULARS OF NEXT-OF-KIN

<table>
<thead>
<tr>
<th>Name</th>
<th>Relationship</th>
<th>Occupation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Permanent Address</th>
<th>Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### (4) ACADEMIC QUALIFICATIONS

Please attach **CERTIFIED COPIES** of university transcript(s) and certificate(s).

#### (A) University (Undergraduate and Postgraduate) [Inclusive of programmes that you are currently reading]

<table>
<thead>
<tr>
<th>University Information</th>
<th>Degree awarded</th>
<th>Class/ Rank</th>
<th>#Overall Wt.Ave Grade &amp; Mark / GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>University :</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Campus location :</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. ________________</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>From _________ to _________</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. ________________</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>From _________ to _________</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Degree: ____________________________</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year conferred/expected grad : __________ (year)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Full-Time □ Part-Time</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| University :           |                |             |                                   |
| Campus location :      |                |             |                                   |
| 1. ________________    |                |             |                                   |
| From _________ to _________ |                |             |                                   |
| 2. ________________    |                |             |                                   |
| From _________ to _________ |                |             |                                   |
| Degree: ____________________________ |                |             |                                   |
| Year conferred/expected grad : __________ (year) |                |             |                                   |
| □ Full-Time □ Part-Time |                |             |                                   |

#### (B) Membership of Professional Organizations (Please attach documentary evidence)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Organization</th>
<th>Post Held</th>
<th>Membership Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### (C) Scholarships, prizes or other awards received

(Please list in chronological order and enclose documentary evidence).

### (5) LANGUAGES (Please state levels of proficiency - excellent, good, fair)

<table>
<thead>
<tr>
<th>Spoken and Written</th>
<th>Spoken Only</th>
<th>Writing Only</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### (6) TOEFL AND GRE/GATE SCORES

Applicants may:

(i) request ETS to send original scoresheets to respective Departments of NUS [Institution code: 0677(GRE), 9084 (TOEFL)] or

(ii) submit scoresheets certified by their universities with an original stamp or

(iii) request NUS Department to certify their scoresheets if they are in Singapore.

<table>
<thead>
<tr>
<th>TOEFL Scores</th>
<th>GRE Scores</th>
<th>GATE Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Score : __________</td>
<td>Total Score : __________</td>
<td>Total Score : __________</td>
</tr>
<tr>
<td>Date of Test : __________</td>
<td>Date of Test : __________</td>
<td>Date of Test : __________</td>
</tr>
</tbody>
</table>

# Applicants with marks reflected in result slip/transcript are to calculate the overall weighted average (wt.ave), i.e. total marks divided by total number of subjects taken (technical subjects plus English only).

For transcript with marks and grades, please compute ave. wt. marks and ave grades for all semesters.

For transcript with grades only, please compute average grades for all semesters.
(7) RESEARCH EXPERIENCE/PAPERS PUBLISHED

If you have any publications, please list them below and enclose a copy of each publication. Please refer to the format of Listing of Publications in the Application Booklet when completing this form.

(A) International Refereed Journals

(B) Others (National journals, papers etc)

(8) PROPOSED RESEARCH

(A) Proposed Research Area/Topic (You may indicate one or more broad area of research interest, in order of preference).

Please indicate name of Research Institute/Centre (if applicable):

(B) Significance & Aims of Project

(This is optional. If you do not have something specific in mind, you may leave this portion out. Use a separate sheet for this).

(C) Proposed Supervisor(s)

(Please fill this if you have someone in mind or have corresponded with him/her. Otherwise, a suitable supervisor will be chosen for you. This could also include staff from Research Institute/Centre [where applicable]. Please note that there is no guarantee that the proposed supervisor will be the assigned supervisor).

(9) REFEREES

Name two academic referees who are familiar with your academic achievements. Please use the attached referee’s report forms to request their recommendations. The University may write to your academic referees for further information.

<table>
<thead>
<tr>
<th>Referee 1</th>
<th>Referee 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Name</td>
</tr>
<tr>
<td>Designation</td>
<td>Designation</td>
</tr>
<tr>
<td>Telephone (Mobile preferred)</td>
<td>Telephone (Mobile preferred)</td>
</tr>
<tr>
<td>Address</td>
<td>Address</td>
</tr>
<tr>
<td>Email address</td>
<td>Email address</td>
</tr>
</tbody>
</table>

(10) WORK EXPERIENCE

(A) Previous Occupation(s) (Please list jobs held during last 5 years. If necessary, please use separate sheet.)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Name &amp; Location of Firm/Organization</th>
<th>Title/Position Nature of Work</th>
<th>Reasons for Leaving</th>
</tr>
</thead>
</table>
(B) Present Occupation (Please state if currently unemployed)

<table>
<thead>
<tr>
<th>Date of Joining</th>
<th>Name &amp; Location of Firm/Organization</th>
<th>Title/Position</th>
<th>Employment Sector (Public/Statutory/Private/Self-employed)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Current/Last drawn Gross Salary: S$ __________________ / month

If currently employed, please indicate how you propose to pursue your graduate studies here as a full-time student if admitted.

- [ ] Apply for study leave
- [ ] Resign from job
- [ ] Obtain financial support from Employer/other funding body
- [ ] Others

Please specify: ____________________

(11) OTHER INFORMATION

(A) Have you previously applied/are applying for admission to any postgraduate programme(s) at NUS?

- [ ] Yes (Please give details of all previous applications below. If necessary, please use separate sheet)
- [ ] No

(i) Programme(s) applied for: __________________ Year of application: ________
Outcome of Application: □ Successful (please give details below) □ Rejected
Date of enrolment: From __________________ To __________________
Current Status: □ Graduated □ Withdrawn □ Failed □ Current Student

(B) Please indicate whether you will be pursuing any other programmes at this University or other universities/institutions should you be successful in gaining admission to this University.

- [ ] Yes (Please give details below)
- [ ] No

Name of programme and University/institution*: ____________________________
Admission date: ______________ Expected graduation date: ______________

(C) Please indicate whether you will be receiving other scholarship, fellowship or award or salary if you are successful in gaining admission to this University.

- [ ] Yes (Please give details below)
- [ ] No

Name of scholarship/fellowship/award/company*: ____________________________
Period of award: ______________ Length of bond (if any): ______________
(D) Should your application for Thematic Programme be unsuccessful, do you wish to be considered for:

(i) The NUS Research Scholarship?

- Yes
- No

#Details are available at: [http://www.nus.edu.sg/admissions/graduate-studies/scholarships-nrs.php](http://www.nus.edu.sg/admissions/graduate-studies/scholarships-nrs.php)

(ii) The Graduate Student Tutor (Scheme B)# where students are engage in departmental work and are paid on a monthly basis?

- Yes
- No

#Details are available at: [http://www.nus.edu.sg/admissions/graduate-studies/partime.php](http://www.nus.edu.sg/admissions/graduate-studies/partime.php)  
Appointment is renewable 6-monthly subject to satisfactory performance (coursework, research and work assigned by Department)

(ii) Admission as a self-financing candidate?

- Yes (Kindly attach evidence of financial support)
- No

(E) Were you receiving any of the following scholarships during your undergraduate study?  
(e.g. NUS/NTU/SMU undergraduates only)

- SEMBCORP Industries Undergraduate Scholarship
- SIA-NOL Undergraduate Scholarship
- Undergraduate Scholarship for PRC Students
- Undergraduate Scholarship for Hong Kong Students

Length of Bond (if any): _______________________________________________

Please note that you must submit documentary evidence which grants approval of your intention to pursue Graduate programme at NUS before you can be allowed to register for your candidature should you be successful in your application.

(F) For self-financing applicants, please indicate how you intend to finance your studies (i.e to cover all the relevant fees for the minimum period of candidature, in addition to living expenses) if you are successful in your application. Please enclose documentary evidence, e.g. a letter from sponsor, bank statement, a copy of appointment letter or recent payslip etc.)

- Company sponsorship
- Self-support (for NUS staff, please indicate, staff No.: ___________ Department: ______________)
- Others (please specify)

(G) Disabilities and Special Needs

Have you had or do you have any disabilities (including but not limited to chronic illnesses, communicable diseases, mental illness, colour blindness, visual or other physical constraints or limitations) which may cause you to require special assistance or facilities while studying at the University?

- Yes
- No

If yes, please provide all relevant information on a separate sheet of paper (and attach the relevant medical documents).  
**Note:** This information will enable the University to develop a complete profile of an applicant and to determine whether he/she might need additional resources in his/her studies. The University, however, does not guarantee the provision of special aid (financial or otherwise) to any students.
i) Have you ever been convicted of any offence by a court of law in any country or are there any court proceedings pending against you anywhere in respect of any offence?  □ Yes □ No

ii) Are you currently, or have you ever been, charged with or subject to disciplinary action for any type of misconduct, scholastic or otherwise, at any educational institution?  □ Yes □ No

iii) Are you currently, or have you ever been, under investigation or subject to enquiry in respect of any misconduct, scholastic or otherwise, at any educational institution?  □ Yes □ No

iv) If your answer to any or all of the above questions is yes, please provide a full statement of relevant information on a separate sheet of paper (and attach the relevant documents).  □ Yes □ No

(12) DECLARATION

I hereby declare that all information provided in connection with this application is true, accurate and complete. I understand that any inaccurate, incomplete or false information given or any omission of information required shall render this application invalid and NUS may at its discretion withdraw any offer of acceptance made to me on the basis of such information or, if already admitted, I may be liable to disciplinary action, which may result in my expulsion from NUS. And I hereby authorize NUS to obtain and verify any part of the information given by me from or with any source, as it deems appropriate.

Signature : _____________________________ Date : __________________

*(please delete accordingly)*
National University of Singapore  
Graduate Studies Office, Faculty of Engineering  

Higher Degree (Thematic Programme) Application  
Doctor of Philosophy  

Academic Referee’s Report  

To be completed by applicant:  
Kindly fill up the portion below and pass a copy of this form to each of your two referees.  

Name of applicant : ___________________________________________________________  
Degree applied for : ___________________________________________________________  
Department applied to : _________________________________________________________  

To be completed by referee  
The above-named person is applying to undertake research leading to a graduate degree. The University would appreciate receiving a confidential report from you on the applicant. You may write your report on the reverse side of this form. Please use a separate sheet if necessary.  

1. How long have you known the applicant and in what capacity?  
____________________________________________________________________________________  
____________________________________________________________________________________  
____________________________________________________________________________________  

2. Among the students at a similar level you have known in recent years, how would you rate the applicant? (Please tick [✓] the appropriate box).  
The following is based on □ undergraduate student whom I know  
□ graduate student whom I know  
(a) [ ] Within the top 5%  (d) [ ] Within the top 25-50%  
(b) [ ] Within the top 5-10%  (e) [ ] Within the bottom 50%  
(c) [ ] Within the top 10-25%  (f) [ ] Unable to judge  

3. How would you rate the applicant’s proficiency in English - in reading and writing and in spoken English (i.e. excellent, good, fair)?  
____________________________________________________________________________________  

____________________________________________________________________________________  

1
4. Personal report on applicant:

Signature : ______________________________________ Date: ____________________
Name of referee: ___________________________________________________________________
Designation : ___________________________________________________________________
Address  : ___________________________________________________________________
___________________________________________________________________
Telephone       : ___________________________________________________________________
*(IMPORTANT : Please provide contactable number, mobile preferred)
Email Address  : ___________________________________________________________________

Please return this form to the applicant in a sealed envelope whose opening bears your signature across it.