



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),  
Sivakasi**

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC,  
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

**NAAC SSR Cycle IV (2015-2020)**

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.4 FACULTY DEVELOPMENT PROGRAMMES UNDERGONE

**LIST OF TEACHERS [WHO HAVE  
UNDERGONE FDPs],  
ANNUAL REPORTS,  
E-COPY OF CERTIFICATES  
2017-2018**



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),  
SIVAKASI – 626 123.**

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**LIST OF FDPs UNDERGONE**

**Refresher Course/ Faculty Orientation or other Programmes as per UGC  
participated during the Academic Year 2017-2018**

S.No	Name of teacher who attended the programme	Title of the program	Duration (from – to) (DD-MM-YYYY)
1.	Mrs.N. Banumathi	NCC Camp at Madurai	17/07/2017 to 26/07/2017
2.	Mrs.N. Banumathi	NCC Camp at Rajkot	24/08/2017 to 04/09/2017
3.	Dr.B.Sivapriya	Short term Course-Business English Certificate Vantage	01/09/2017 to 30/09/2017
4.	Mrs.A.UmaDevi	Short term Course-Business English Certificate Vantage	01/09/2017 to 30/09/2017
5.	Mrs.V.KaniSelvi	Short term Course-Business English Certificate Preliminary	01/09/2017 to 30/09/2017
6.	Ms.D.Ponezhil	Short term Course-Business English Certificate Preliminary	01/09/2017 to 30/09/2017
7.	Ms.D.Vandhana	Short term Course-Business English Certificate Preliminary	01/09/2017 to 30/09/2017
8.	Ms.D.Anchana	Short term Course-Business English Certificate Preliminary	01/09/2017 to 30/09/2017
9.	Dr U Uma devi	UGC Sponsored Refresher Course on Nanotechnology and its future perspectives organised by UGC- HRDC, Saurashtra University, Rajkot, Gujarat	20/11/2017 to 10/12/2017
10.	Mrs T Rajasulochana	Calculus for Economics, Commerce and Management - NPTEL	01/02/2018 to 31/03/ 2018

11.	Dr (Mrs )S Grahalakshmi	Business Communication English - NPTEL	01/02/2018 to 31/03/2018
12.	Mrs V Meenakshi	Business Communication English - NPTEL	01/02/2018 to 31/03/2018
13.	Dr (Mrs )S Gayathri	Management of Newproduct and services - NPTEL	01/02/2018 to 31/03/2018
14.	R Vasanthi	IntroductiontoGeographic Information System - NPTEL	01/02/2018 to 31/03/2018
15.	Dr.P.Prasanna Devi	Advanced Pranic Healing Course	11/03/2018 to 31/03/2018
16.	Mrs R Vijayapriya	UGC Sponsored Refresher Course in Tamil conducted by UGC-HRDC, Bharathiar University, Coimbatore	17/05/2018 to 06/06/2018
17.	Dr V Annapackiam	UGC sponsored Refresher Course in Tamil conducted by UGC-HRDC, Bharathiar University, Coimbatore	17/05/2018 to 06/06/2018
18.	Dr R Senbagavalli	UGC sponsored Refresher Course in Tamil conducted by UGC-HRDC, Bharathiar University, Coimbatore	17/05/2018 to 06/06/2018
19.	Dr B Meenakshi	UGC sponsored Refresher Course in Tamil conducted by UGC-HRDC, Bharathiar University, Coimbatore	17/05/2018 to 06/06/2018
20.	Dr J Vinnarasi	UGC sponsored Orientation Programme organized by HRDC, Bharathidasan University, Tiruchirappalli	18/05/2018 to 14/06/2018
21.	Dr A Padma Priya	UGC Sponsored Orientation Programme organised by HRDC, University of Madras, Chennai	24/05/2018 to 20/06/2018
22.	Dr C Devi Arockia Vanitha	Short term training programme on Social Network analysis	21/05/2018 to 25/05/2018



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**REPORT**

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS)**  
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SIVAKASI - 626123

**REPORT ON PROGRAMMES UNDERTAKEN BY THE TEACHERS DURING 2017-2018**

In pursuit of rich academic excellence, the faculty members enroll themselves and excel in various Refresher courses / Faculty Orientation or other Programmes as per UGC/ AICTE. The Annual Report for the academic year 2017-2018 showcases the Faculty Member's Participation in various courses to update their knowledge. Their participation includes:

**UGC Sponsored Orientation Programme**

- Dr.J.Vinnarasi, Assistant Professor of Chemistry participated in the UGC sponsored Orientation Programme organized by HRDC, Bharathidasan University, Tiruchirapalli from 18/05/2018 to 14/06/2018.
- Dr A Padma Priya, Assistant Professor of English participated in the UGC Sponsored Orientation Programme organised by HRDC, University of Madras, Chennai from 24/05/2018 to 20/06/2018.

**UGC Sponsored Refresher Course**

- Dr.U. Umadevi, Assistant Professor of Botany participated in UGC Sponsored Refresher Course in Nanotechnology and its future perspectives organised by UGC-HRDC, Saurashtra University, Rajkot, Gujarat from 20/11/2017 to 10/12/2017.
- Mrs R Vijayapriya, Dr V Annapackiam, Dr R Senbagavalli and Dr B Meenakshi Assistant Professors of Tamil participated in the UGC sponsored Refresher Course in Tamil conducted by UGC-HRDC, Bharathiar University, Coimbatore from 17/05/2018 to 06/06/2018.



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**NPTEL Course**

The following faculty members enrolled and enriched their knowledge in various NPTEL courses:

- Mrs.T.Rajasulochana Assistant Professor of Maths- Calculus for Economics, Commerce and Management
- Dr.S.Grahalakshmi, Assistant Professor of Business Administration and Mrs. V.Meenakshi Assistant Professor of Commerce- Business Communication English
- Dr.S.Gayathri, Assistant Professor of Commerce- Management of New product and services
- Mrs. R Vasanthi, Assistant Professor of Computer Science- Introduction to Geographic Information System

To sum up,

Particulars	Actual No. of teachers
Participation in Orientation Programme	2
Participation in Refresher courses	5
FDP/NCC	3
Completed NPTEL courses	5
Other short term courses	7

*D.Sasireka*

**Principal**  
**PRINCIPAL**  
The Standard Fireworks  
Rajaratnam College  
for Women,  
SIVAKASI



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**E-COPY OF CERTIFICATES**

**2017-2018**

**DETENTION CERTIFICATE**

1. The undermentioned ANOs have been detained in the CATC-cum-IGC TSC (B & G) 2017 to be held at NTA Idayapatti, Madurai from 17 Jul 2017 to 26 Jul 2017 and they have relieved from the camp duties on the afternoon of 26 Jul 2017.

Sl	Reg.No.	No., Rank and Name	Group & Institution
1	NCC/14110120	Capt Senthil Thangaraj	Madras "B"
2	14110146	Capt Dipak Uchampalli	Pudhucherry (SF)
3	NCC/14110288	Lt P Rajaguru	Coimbatore
4	NCC/14310074	Lt P Kavitha	Trichy (SF)
5	NCC/14310095	Lt A Benazir	Coimbatore
6	NCC/GD/14310110	Lt N Banumathi	Madurai
7	NCC/14210443	S/O G Kishore kannan	Trichy
8	NCC/J/14210494	S/O S Parthiban	Madras "A"
9	NCC/14410112	S/O R Thenmozhi	Madras "A"
10	NCC/14110175	Lt N Tensingh Baliah	ANJA College, Sivakasi
11	NCC/14210489	S/O C Rajkumar	SHNV HSS, Sivakasi

2. During their stay at the camp, they were not provided with free messing, transport and accommodation.

3. Date and time of move : 26 Jul 2017 (AN).

214/3/Trg/TSC  
CATC-cum-IGC TSC (B & G) 2017  
NTA Idayapatti, Madurai  
26 Jul 2017



  
(P. Dhawan)  
Col  
Camp Commandant

**Distribution:-**

1. Individual.
2. NCC Gp HQ, Madurai
3. Pondicherry Group
4. NCC Gp HQ, Coimbatore
5. NCC Gp HQ, Madras "A"
6. NCC Gp HQ, Madras "B"
7. NCC Gp HQ, Trichy
8. ANJA College, Sivakasi
9. SHNV HSS, Sivakasi



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**DETENTION CERTIFICATE**

Certified that the under mentioned person / persons has / have attended / stayed  
at Swaminaray Temple in connection with to attend NIC-I Sardhar Dist : Rajkot  
from 24 Aug 2017 to 04 Sep 2017 for the period as noted against each:-

Sr. No.	Regt No.	Rank	Name	From	To	No. of days
1	14/310110	Lt	N Banumathi	24/08/17	04/09/17	12days

During the above period, he / they was / were not provided with free rations,  
transportation and accommodation.

A/233/2Bn  
Camp Commandant  
NIC-I  
Sardhar (Dist: Rajkot)

Dated : 04 Sep 2017



  
Lt Col  
By Camp Commandant  
NIC-1, Rajkot



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**CAMBRIDGE ENGLISH**  
Language Assessment  
Part of the University of Cambridge

Reference No.

179IN8654015

To be quoted on all  
correspondence

**Business English Certificate Vantage**

**Statement of Results**

Candidate name

**B. SIVA PRIYA**

Session

**September B  
(AM1) 2017**

Place of entry

**Chennai**

Result

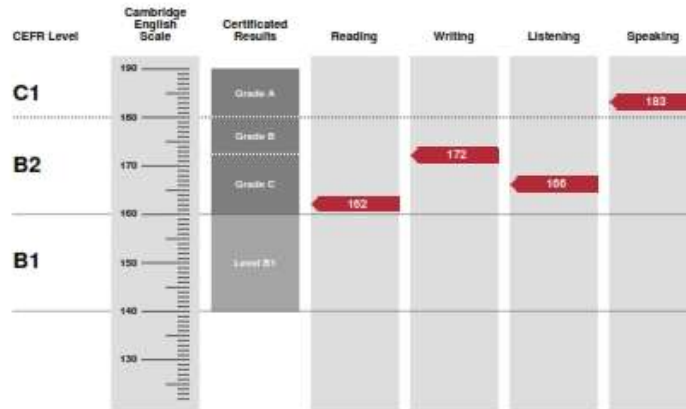
**Pass at Grade C**

Overall Score

**171**

CEFR Level

**B2**



The Business English Certificate Vantage (BEC Vantage) assesses English used in the context of business targeted at Level B2 in the Council of Europe's Common European Framework of Reference.

Candidates achieving Grade A (between 180 and 190 on the Cambridge English Scale) receive the Business English Certificate Vantage stating that they have demonstrated ability at Level C1. Candidates achieving Grade B or Grade C (between 160 and 179 on the Cambridge English Scale) receive the Business English Certificate Vantage at Level B2.

Candidates whose performance is below Level B2, but falls within Level B1 (between 140 and 159 on the Cambridge English Scale), receive a Cambridge English certificate stating that they have demonstrated ability at Level B1.

Cambridge English Language Assessment examination results can be quickly and securely verified online at:  
[www.cambridgeenglish.org/verifiers](http://www.cambridgeenglish.org/verifiers)

**THIS IS NOT A CERTIFICATE**

Cambridge English Language Assessment reserves the right to amend the information given before the issue of certificates to successful candidates.

**Results**

**Score**

<b>Pass at Grade A</b>	180 — 190
<b>Pass at Grade B</b>	173 — 179
<b>Pass at Grade C</b>	160 — 172
<b>Level B1</b>	140 — 159

Candidates taking the Business English Certificate Vantage scoring between 122 and 139 on the Cambridge English Scale do not receive a result, CEFR level or certificate.

Cambridge English Scale scores below 122 are not reported for the Business English Certificate Vantage.

**Other**

**X** - the candidate was absent from part of the examination  
**Z** - the candidate was absent from all parts of the examination  
**Pending** - a result cannot be issued at present, but will follow in due course  
**Withheld** - the candidate should contact their centre for information  
**Exempt** - the candidate was not required to sit this part of the examination





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**CAMBRIDGE ENGLISH**  
Language Assessment  
Part of the University of Cambridge

Reference No.

179IN8654016

To be quoted on all  
correspondence

**Business English Certificate Vantage**

**Statement of Results**

Candidate name

**A. UMA DEVI**

Session

**September B  
(AM1) 2017**

Place of entry

**Chennai**

Result

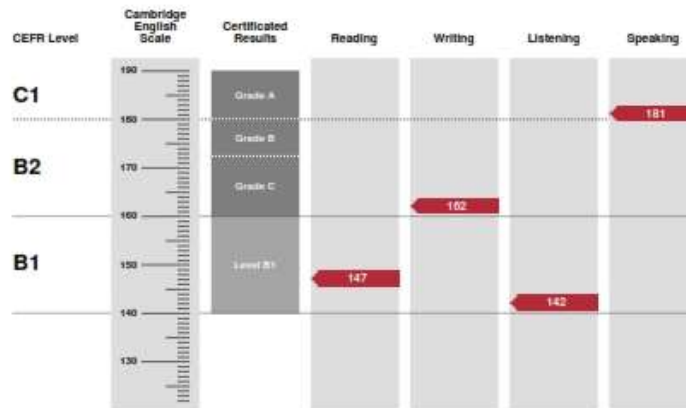
**Council of Europe  
Level B1**

Overall Score

**158**

CEFR Level

**B1**



The Business English Certificate Vantage (BEC Vantage) assesses English used in the context of business targeted at Level B2 in the Council of Europe's Common European Framework of Reference.

Candidates achieving Grade A (between 180 and 190 on the Cambridge English Scale) receive the Business English Certificate Vantage stating that they have demonstrated ability at Level C1. Candidates achieving Grade B or Grade C (between 160 and 179 on the Cambridge English Scale) receive the Business English Certificate Vantage at Level B2.

Candidates whose performance is below Level B2, but falls within Level B1 (between 140 and 159 on the Cambridge English Scale), receive a Cambridge English certificate stating that they have demonstrated ability at Level B1.

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**Results**

**Score**

**Pass at Grade A** 180 — 190  
**Pass at Grade B** 173 — 179  
**Pass at Grade C** 160 — 172  
**Level B1** 140 — 159

Candidates taking the Business English Certificate Vantage scoring between 122 and 139 on the Cambridge English Scale do not receive a result, CEFR level or certificate.

Cambridge English Scale scores below 122 are not reported for the Business English Certificate Vantage.

**Other**

**X** - the candidate was absent from part of the examination  
**Z** - the candidate was absent from all parts of the examination  
**Pending** - a result cannot be issued at present, but will follow in due course  
**Withheld** - the candidate should contact their centre for information  
**Exempt** - the candidate was not required to sit this part of the examination



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**CAMBRIDGE ENGLISH**  
Language Assessment  
Part of the University of Cambridge

Reference No.

179IN8652046

To be quoted on all  
correspondence

**Business English Certificate Preliminary**

**Statement of Results**

Candidate name

**V. KANI SELVI**

Session

**September B  
(PM1) 2017**

Place of entry

**Chennai**

Result

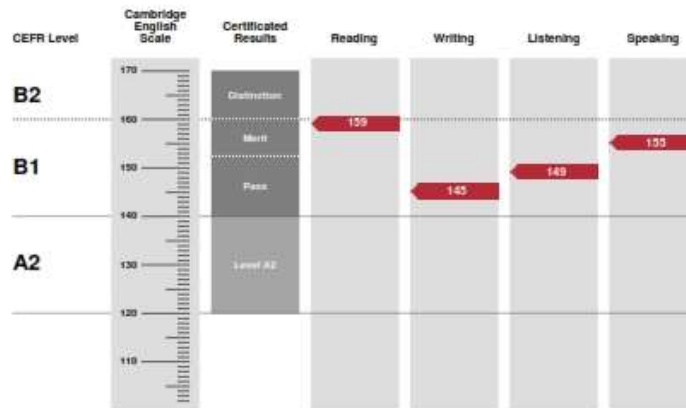
**Pass**

Overall Score

**152**

CEFR Level

**B1**



The Business English Certificate Preliminary (BEC Preliminary) assesses English used in the context of business at Level B1 in the Council of Europe's Common European Framework of Reference.

Candidates achieving a Pass with Distinction (between 160 and 170 on the Cambridge English Scale) receive the Business English Certificate Preliminary stating that they have demonstrated ability at Level B2. Candidates achieving Pass with Merit or Pass (between 140 and 159 on the Cambridge English Scale) receive the Business English Certificate Preliminary at Level B1.

Candidates whose performance is below Level B1, but falls within Level A2 (between 120 and 139 on the Cambridge English Scale), receive a Cambridge English certificate stating that they have demonstrated ability at Level A2.

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**Results**

**Score**

<b>Pass with Distinction</b>	160 — 170
<b>Pass with Merit</b>	153 — 159
<b>Pass</b>	140 — 152
<b>Level A2</b>	120 — 139

Candidates taking the Business English Certificate Preliminary scoring between 102 and 119 on the Cambridge English Scale do not receive a result, CEFR level or certificate.

Cambridge English Scale scores below 102 are not reported for the Business English Certificate Preliminary.

**Other**

**X** - the candidate was absent from part of the examination  
**Z** - the candidate was absent from all parts of the examination  
**Pending** - a result cannot be issued at present, but will follow in due course  
**Withheld** - the candidate should contact their centre for information  
**Exempt** - the candidate was not required to sit this part of the examination



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**CAMBRIDGE ENGLISH**  
Language Assessment  
Part of the University of Cambridge

Reference No.

179IN8652047

To be quoted on all  
correspondence

**Business English Certificate Preliminary**

**Statement of Results**

Candidate name

**D. PONEZHIL**

Session

**September B  
(PM1) 2017**

Place of entry

**Chennai**

Result

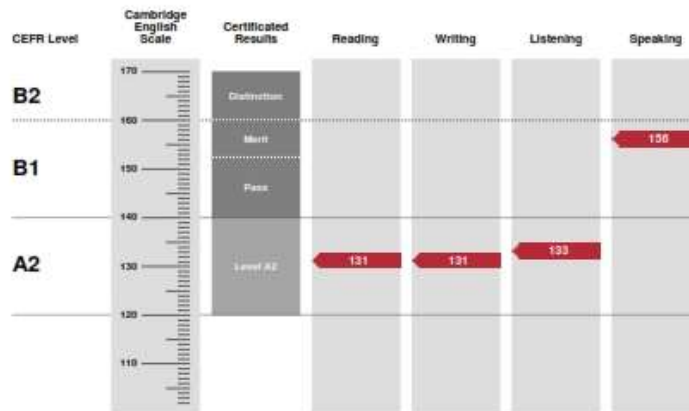
**Council of Europe  
Level A2**

Overall Score

**138**

CEFR Level

**A2**



The Business English Certificate Preliminary (BEC Preliminary) assesses English used in the context of business at Level B1 in the Council of Europe's Common European Framework of Reference.

Candidates achieving a Pass with Distinction (between 160 and 170 on the Cambridge English Scale) receive the Business English Certificate Preliminary stating that they have demonstrated ability at Level B2. Candidates achieving Pass with Merit or Pass (between 140 and 159 on the Cambridge English Scale) receive the Business English Certificate Preliminary at Level B1.

Candidates whose performance is below Level B1, but falls within Level A2 (between 120 and 139 on the Cambridge English Scale), receive a Cambridge English certificate stating that they have demonstrated ability at Level A2.

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**Results**

**Score**

<b>Pass with Distinction</b>	160 – 170
<b>Pass with Merit</b>	153 – 159
<b>Pass</b>	140 – 152
<b>Level A2</b>	120 – 139

Candidates taking the Business English Certificate Preliminary scoring between 102 and 119 on the Cambridge English Scale do not receive a result, CEFR level or certificate.

Cambridge English Scale scores below 102 are not reported for the Business English Certificate Preliminary.

**Other**

**X** - the candidate was absent from part of the examination  
**Z** - the candidate was absent from all parts of the examination  
**Pending** - a result cannot be issued at present, but will follow in due course  
**Withheld** - the candidate should contact their centre for information  
**Exempt** - the candidate was not required to sit this part of the examination



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**CAMBRIDGE ENGLISH**  
Language Assessment  
Part of the University of Cambridge

Reference No.

179IN8652048

To be quoted on all  
correspondence

**Business English Certificate Preliminary**

**Statement of Results**

Candidate name

**S. VANDHANA**

Session

**September B  
(PM1) 2017**

Place of entry

**Chennai**

Result

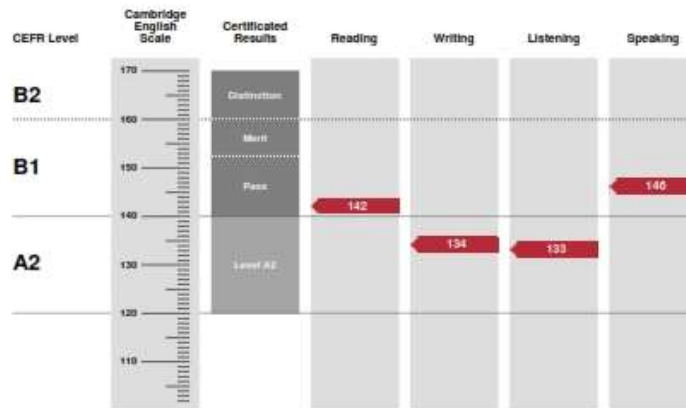
**Council of Europe  
Level A2**

Overall Score

**139**

CEFR Level

**A2**



The Business English Certificate Preliminary (BEC Preliminary) assesses English used in the context of business at Level B1 in the Council of Europe's Common European Framework of Reference.

Candidates achieving a Pass with Distinction (between 160 and 170 on the Cambridge English Scale) receive the Business English Certificate Preliminary stating that they have demonstrated ability at Level B2. Candidates achieving Pass with Merit or Pass (between 140 and 159 on the Cambridge English Scale) receive the Business English Certificate Preliminary at Level B1.

Candidates whose performance is below Level B1, but falls within Level A2 (between 120 and 139 on the Cambridge English Scale), receive a Cambridge English certificate stating that they have demonstrated ability at Level A2.

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**Results**

**Score**

<b>Pass with Distinction</b>	160 — 170
<b>Pass with Merit</b>	153 — 159
<b>Pass</b>	140 — 152
<b>Level A2</b>	120 — 139

Candidates taking the Business English Certificate Preliminary scoring between 102 and 119 on the Cambridge English Scale do not receive a result, CEFR level or certificate.

Cambridge English Scale scores below 102 are not reported for the Business English Certificate Preliminary.

**Other**

**X** - the candidate was absent from part of the examination  
**Z** - the candidate was absent from all parts of the examination  
**Pending** - a result cannot be issued at present, but will follow in due course  
**Withheld** - the candidate should contact their centre for information  
**Exempt** - the candidate was not required to sit this part of the examination



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Reference No.

179IN8652049

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**Business English Certificate Preliminary**

**Statement of Results**

Candidate name

**R. ANCHANA**

Session

**September B  
(PM1) 2017**

Place of entry

**Chennai**

Result

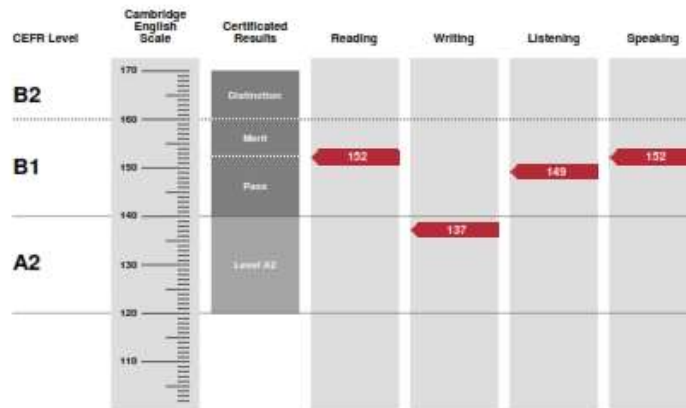
**Pass**

Overall Score

**148**

CEFR Level

**B1**



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Candidates achieving a Pass with Distinction (between 160 and 170 on the Cambridge English Scale) receive the Business English Certificate Preliminary stating that they have demonstrated ability at Level B2. Candidates achieving Pass with Merit or Pass (between 140 and 159 on the Cambridge English Scale) receive the Business English Certificate Preliminary at Level B1.

Candidates whose performance is below Level B1, but falls within Level A2 (between 120 and 139 on the Cambridge English Scale), receive a Cambridge English certificate stating that they have demonstrated ability at Level A2.

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**Results**

**Score**

<b>Pass with Distinction</b>	160 — 170
<b>Pass with Merit</b>	153 — 159
<b>Pass</b>	140 — 152
<b>Level A2</b>	120 — 139

Candidates taking the Business English Certificate Preliminary scoring between 102 and 119 on the Cambridge English Scale do not receive a result, CEFR level or certificate.

Cambridge English Scale scores below 102 are not reported for the Business English Certificate Preliminary.

**Other**

**X** - the candidate was absent from part of the examination  
**Z** - the candidate was absent from all parts of the examination  
**Pending** - a result cannot be issued at present, but will follow in due course  
**Withheld** - the candidate should contact their centre for information  
**Exempt** - the candidate was not required to sit this part of the examination



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## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAJASULOCHANA**

for successfully completing the course

**Calculus for Economics, Commerce and Management**

with a consolidated score of **40 %**

Online Assignments	1/25	Proctored Exam	39/75
--------------------	------	----------------	-------

Total number of candidates certified in this course: **78**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Feb-Mar 2018  
(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL18MA04S4970288

To validate and check scores: <http://npTEL.ac.in/noc>



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**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**S. GRAHALAKSHMI**  
for successfully completing the course  
**Business English Communication**  
with a consolidated score of **77 %**

Online Assignments	22.5/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **1265**

*A. Ramesh*  
Prof. A. Ramesh  
Chairman  
Center for Continuing Education, IITM

Feb-Mar 2018  
(4 week course)

*Prof. Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No. NPTEL18HS1852970166

To validate and check scores: <http://npTEL.ac.in/noc>





**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),  
SIVAKASI – 626 123.**

(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC,  
College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**V.MEENAKSHI**  
for successfully completing the course  
**Business English Communication**  
with a consolidated score of **72 %**

Online Assignments	19/25	Proctored Exam	52.5/75
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Prof. A. Ramesh  
Chairman  
Center for Continuing Education, IITM

Total number of candidates certified in this course: **1265**

**Feb-Mar 2018**  
(4 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18HS1852970124

To validate and check scores: <http://nptel.ac.in/noc>



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 **NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India) 

This certificate is awarded to  
**S. GAYATHRI**  
for successfully completing the course  
**Management of New Products and Services**  
with a consolidated score of **46 %**

Online Assignments	11.75/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **229**

  
Prof. T. V. Prabhakar  
Chairman  
Center for Continuing Education, IITK

**Feb-Mar 2018**  
(4 week course)

  
Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur

 Indian Institute of Technology Kanpur 

No. NPTEL18MG03S2970034



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**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**VASANTHI R**  
for successfully completing the course  
**Introduction to Geographic Information Systems**  
with a consolidated score of **76 %**

Online Assignments	22/25	Proctored Exam	54/75
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Prof. B. K. Gandhi  
Coordinator Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **314**

**Feb-Mar 2018**  
(4 week course)



Indian Institute of Technology Roorkee



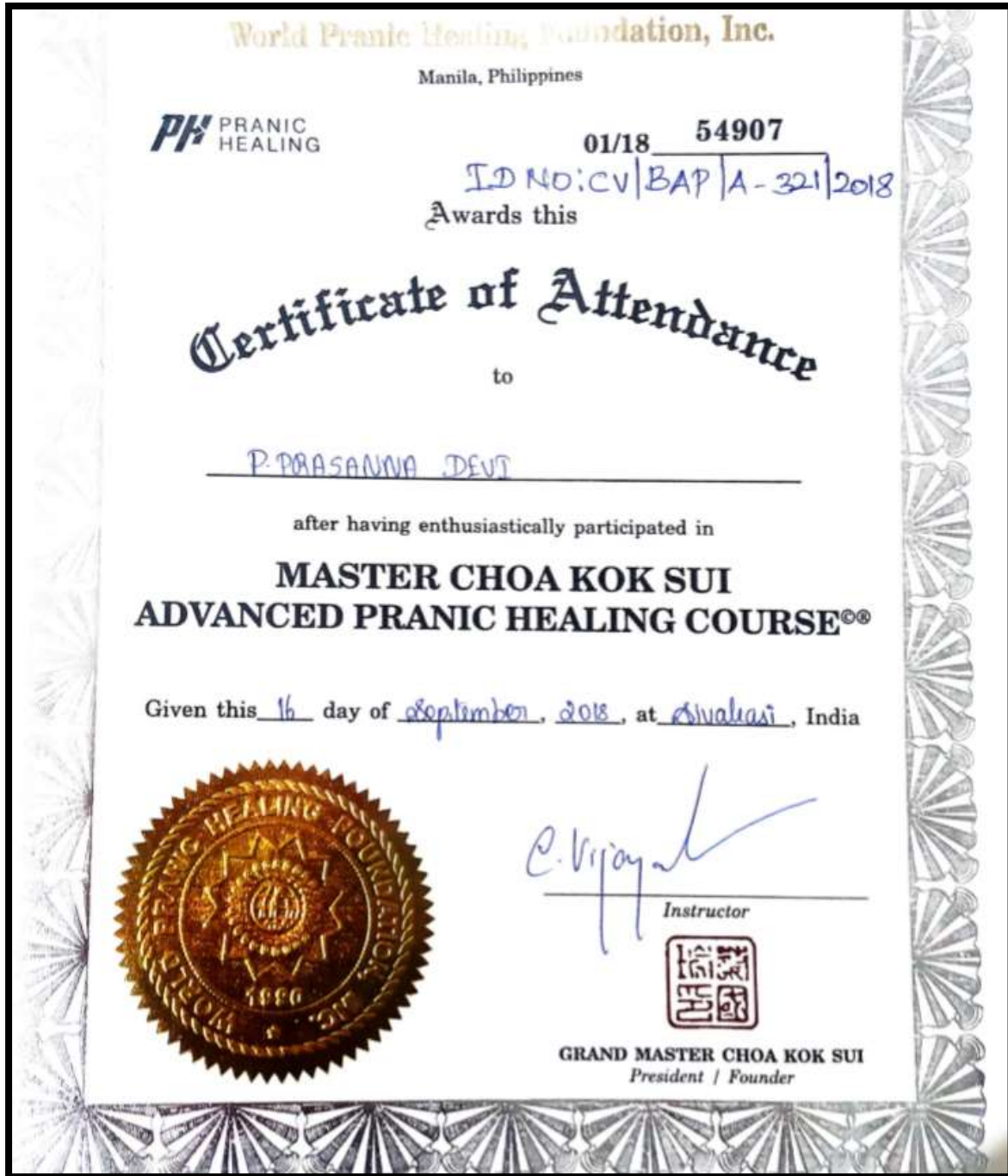
Roll No. NPTEL18CE1053970073

To validate and check scores: <http://nptel.ac.in/noc>



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**MEPCO SCHLENK ENGINEERING COLLEGE (Autonomous)  
SIVAKASI - 626 005**

**Department of Computer Science and Engineering**

*One Week STTP on  
Social Network Analysis using Big data in Cloud*

## **CERTIFICATE OF PARTICIPATION**

This is to certify that Dr.C.Devi Arockia Vanitha, AP/CS



of The S.F.R. College for Women, Sivakasi

*has participated in One week Short Term Training Programme on Social Network Analysis  
using Big data in Cloud organized by Department of Computer Science and Engineering  
from 21.05.2018 to 25.05.2018.*

  
Convener

**Dr.K.Muneeswaran**

  
PRINCIPAL

**Dr.S.Arivazhagan**