

**VELAMMAL COLLEGE OF ENGINEERING  
& TECHNOLOGY (AUTONOMOUS),  
MADURAI**

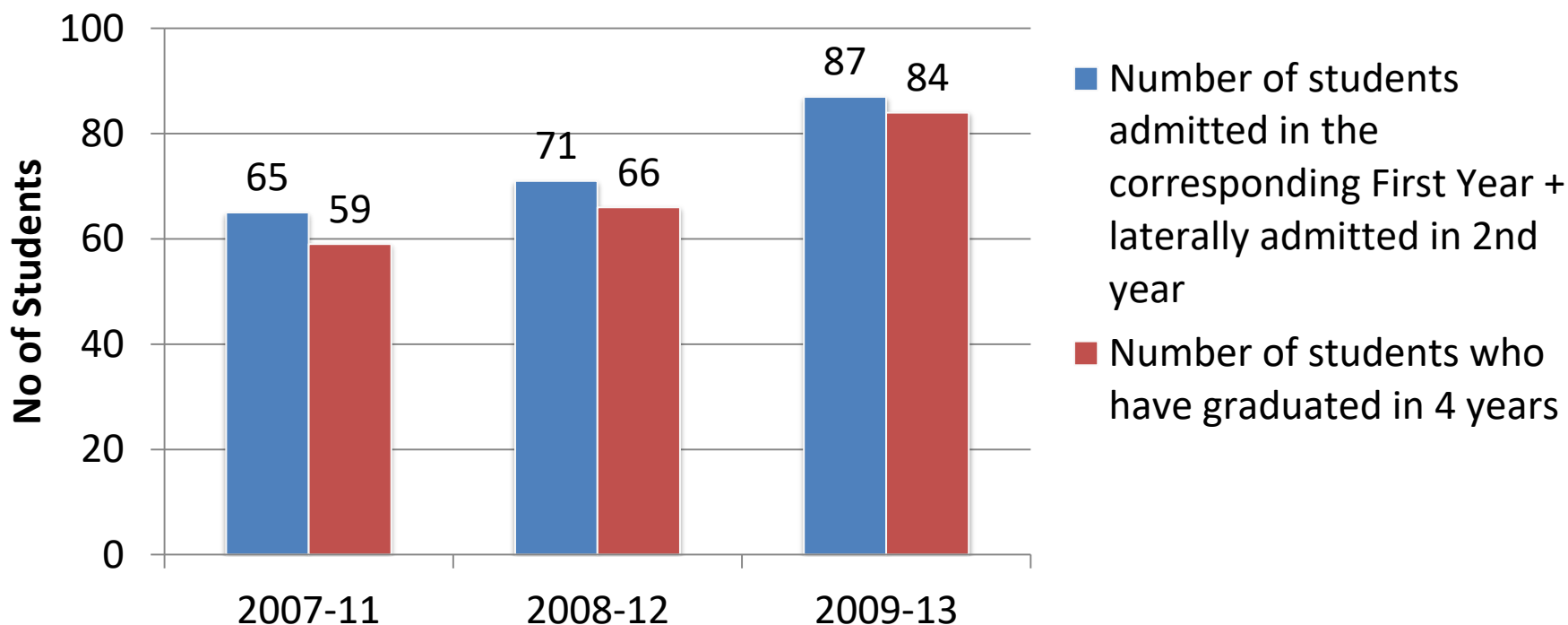
**Department of Electronics and Communication  
Engineering**

**Student Activities**



# Success Rate

Batch	No. of students admitted	No. of students graduated	Success Rate
2007-11	65	59	0.91
2008-12	71	66	0.93
2009-13	87	84	0.97

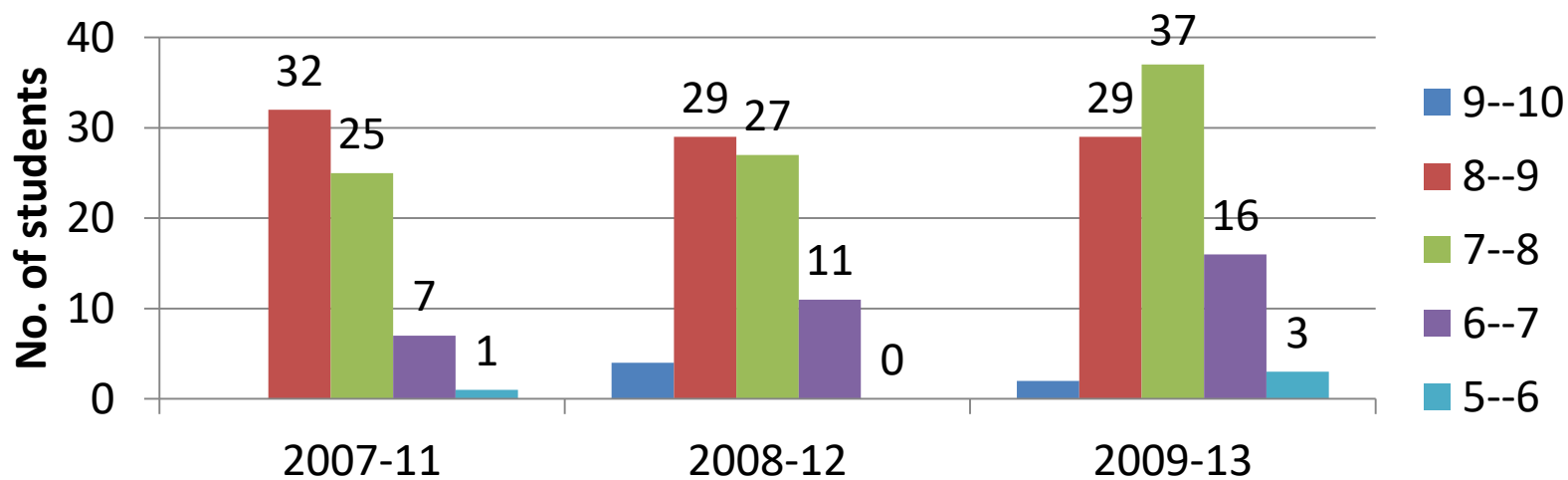




# Academic Performance



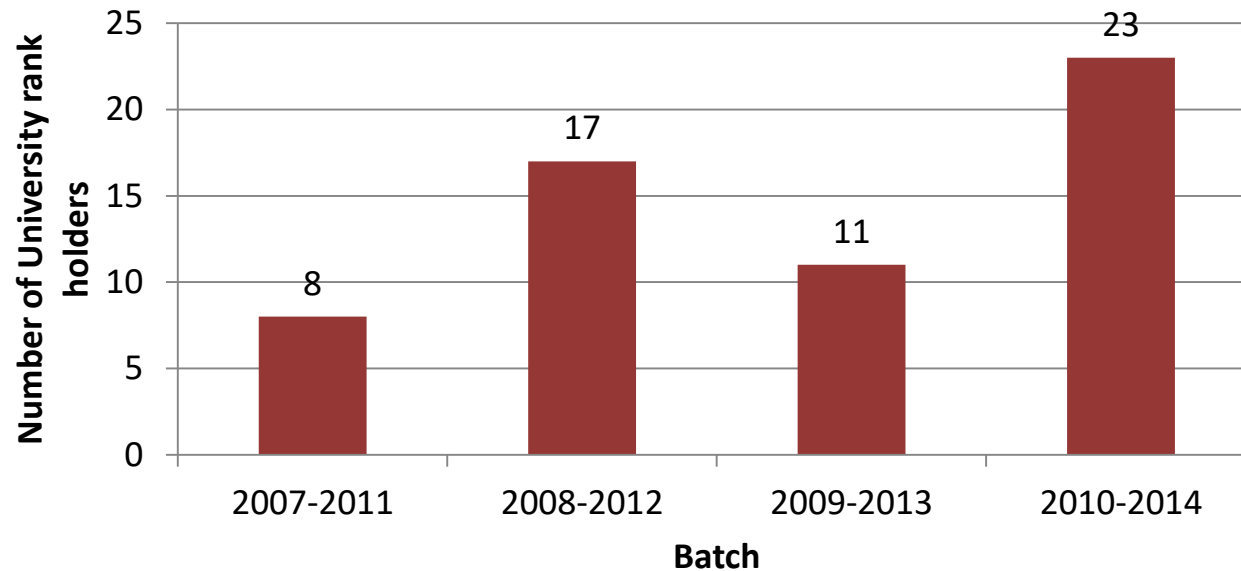
Batch	CGPA					
	9-10	8-9	7-8	6-7	5-6	Mean
2007-11	0	32	25	7	1	7.85
2008-12	4	29	27	11	0	7.87
2009-13	2	29	37	16	3	7.63





# University Rank Holders-59

Batch	Number of University Rank holders
2007-2011	8
2008-2012	17
2009-2013	11
2010-2014	23





# List of University Rank Holders



Batch	Name of the Topper	University Rank
2007-2011	PRASANYA.S	17
	CHITHEHAR.C	21
	SUDAROLI.M	23
	JACOB SAMUEL.A	24
	REVATHY.P	25
	PAUL JAMES.M	27
	ARUN SATTANATHAN.G	30
	PANDIA RAJAN.A	50
2008-2012	KEERTHIKA.S.S	1
	SUSITHRA.S	2
	ABINAYA.S	2
	MUNEERA BEGUM.H	12
	GAYATHRI.M	14
	UMA MAHESWARI.R	15
	VAISHNAVI.V	18
	NAVEETHA.M	18
	RAGAVI BRINTHA.R.A	20
	DIVYA.S	21
	NAGA PRABAHA.R	25
	UMA MAGESH.V.S	26
	SHERIN.R	29
	SIVAPRAKASH.R	32
	VIJAYAKUMAR.P	39
SRIRAM PRIYA.V	40	
SHIVAPREYAH.G	47	
2009-2013	PACKYA .R	12
	BOSHMI .S	14
	KRITHIKA VENKATESH	23
	PRIYANKA .V. S	27

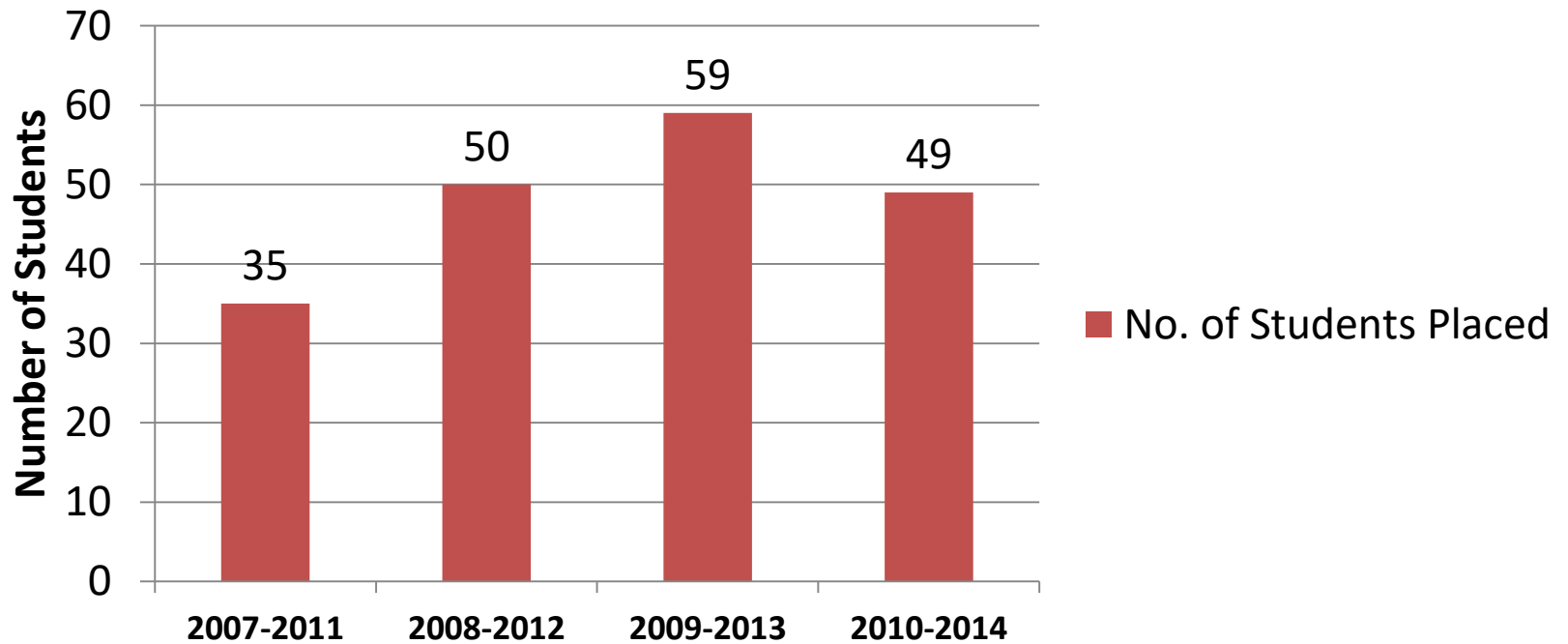
Batch	Name of the Topper	University Rank
2009-2013	NIVEDHA .R	28
	PAVITHRA .R	31
	LAVANYA .G	37
	KEERTHANA DEVI .S	42
	ATCHAYA .S	42
	MARISUGANYA .R	44
	SHUNMUGA LAKSHMI .S	45
	2010-2014	PRIYADHARSHINI .M
SHINY RICHARD .V		5
JANANI .G. R		6
VINOLIYA CATHRIN .C		21
AJITHA .T		24
CHANDRA .V. G		25
SRILATHA .K. G		25
KANNAN .R		27
ABINAYA .G		28
VIDHYA HARINI .S. V		28
PON VISHALAKSHI .M		30
MUTHUSELVI .M		33
VISHNU PRIYA .A		35
AKSHATHA CHINDU .M		39
JEYARANI .M		41
PRIMIYA .V. S		41
SATHISH KUMAR .B. R		43
KAVITHA .P. S		44
DIVYABHARATHY .R		45
PRADEEPA. N		49
THANGA BALAJI .G		49
SIVASANGARI .R		50
SATHIYAMURTHY .L. S		50



# Placement



Batch	2007-2011	2008-2012	2009-2013	2010-2014
No. of Students Placed	35 / 47	50 / 59	59 / 71	49 / 57



# Consistent Academic Excellence

Batch	Success Rate
2011-2015	91
2012-2016	96
2013-2017	93
2014-2018	83
2015-2019	85
2016-2020	76
2017-2021	100

# University Rank Holders

<b>Batch</b>	<b>No. of Rank Holders</b>
<b>2007-2011</b>	<b>8</b>
<b>2008-2012</b>	<b>17</b> <b>(1 Gold medal)</b>
<b>2009-2013</b>	<b>11</b>
<b>2010-2014</b>	<b>23</b>
<b>2011-2015</b>	<b>10</b>
<b>2012-2016</b>	<b>6</b>
<b>2013-2017</b>	<b>5</b>
<b>2014-2018</b>	<b>3</b>
<b>TOTAL</b>	<b>83</b>



# Academic Shield

- Received Academic Shield 8 times from the management



# Student Achievements

Period	No. of awards won			No. of Students participation			
	Symposia	Projects	Other events	Internships	Online Courses	IETE members	Conference
2019-2022	34	50	40	91	32	82	339



Grand finale of Smart India Hackathon during July 8 - 12, 2019 at **Bhartiya Skill Development University, Pune.**



Project design contest on 28 May, 2022, held at **Thiagarajar College of Engineering, Madurai**



Project contest held at **Hindustan University, Chennai** during August 31 & September 1, 2019



Won **Rs.1,00,000** in **Smart India Hackathon 2022**



20th Annual ISTE Tamilnadu section Engineering Students' Convention, held at **Ramco Institute of Technology, Rajapalayam** on March 26, 2022.



Smart India Hackathon Grand Finale at **Forge, Coimbatore** during July 8 - 12, 2019

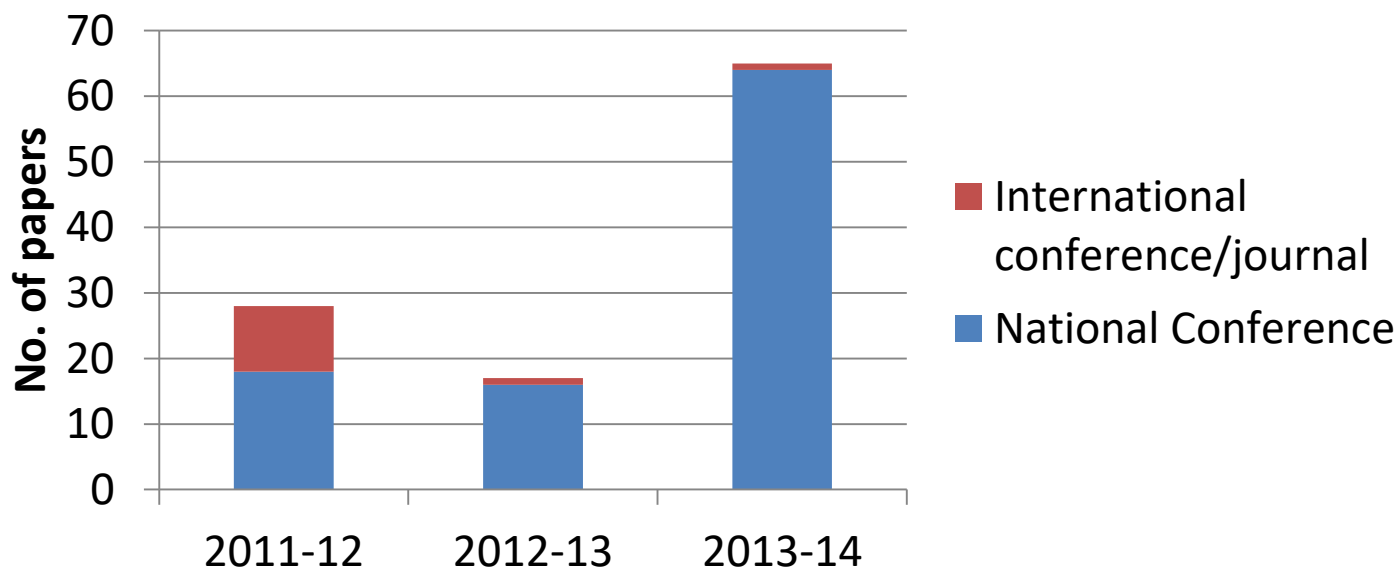




# Students' Publications



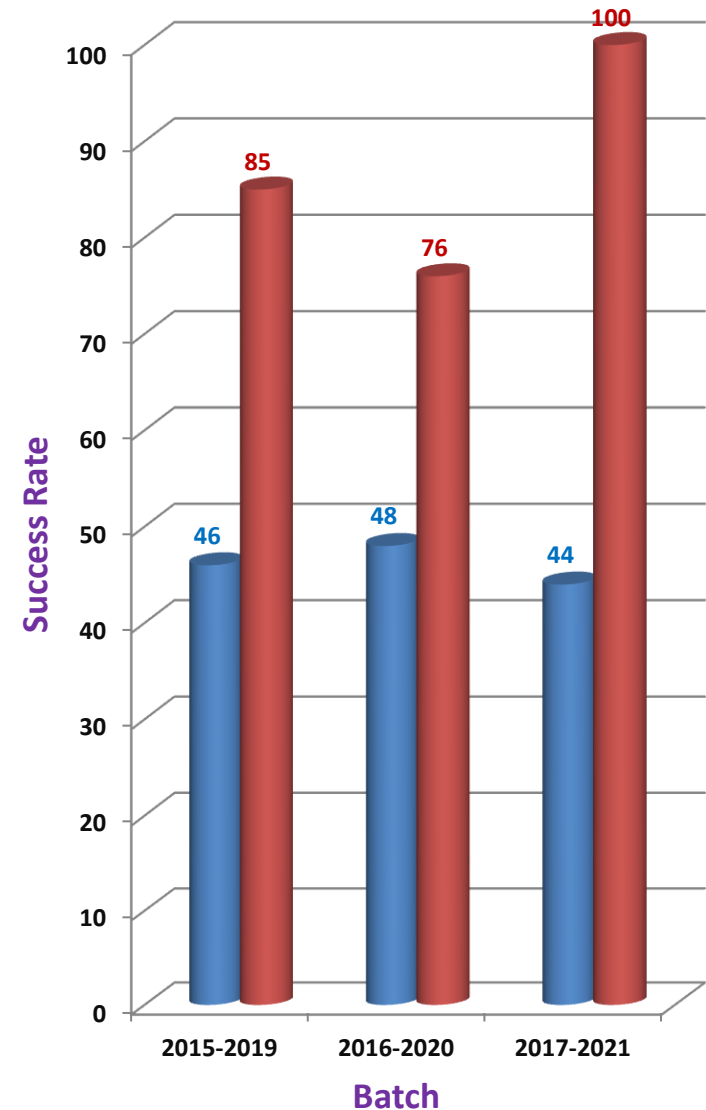
Academic Year	No. of Publications
2011-12	28
2012-13	17
2013-14	65



# Students' Performance

## Success Rate with and without backlogs

Batch	No. of students admitted	Without backlogs		With backlogs	
		No. of students graduated	Success Rate in %	No. of students graduated	Success Rate in %
2015-2019	126	58	46	107	85
2016-2020	111	53	48	84	76
2017-2021	106	47	44	106	100



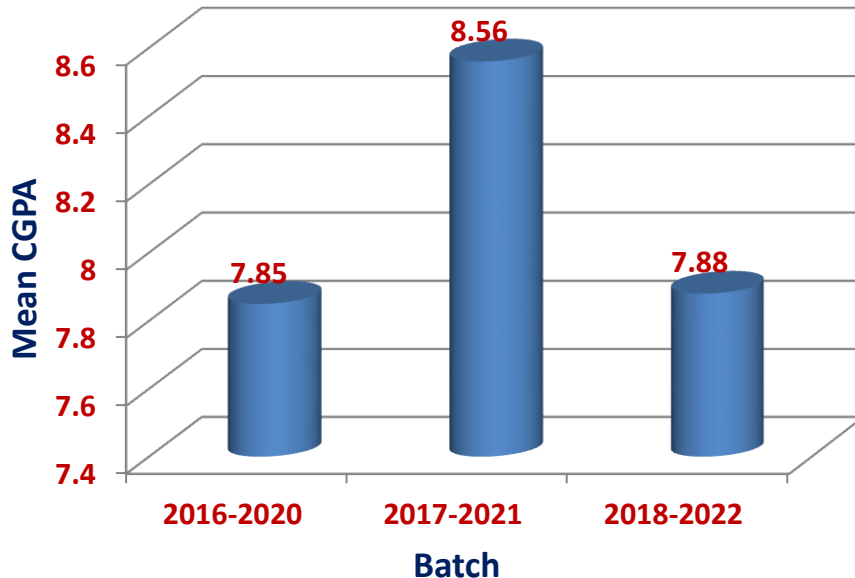
- Success rate without backlogs
- Success Rate with backlogs



# Students' Performance

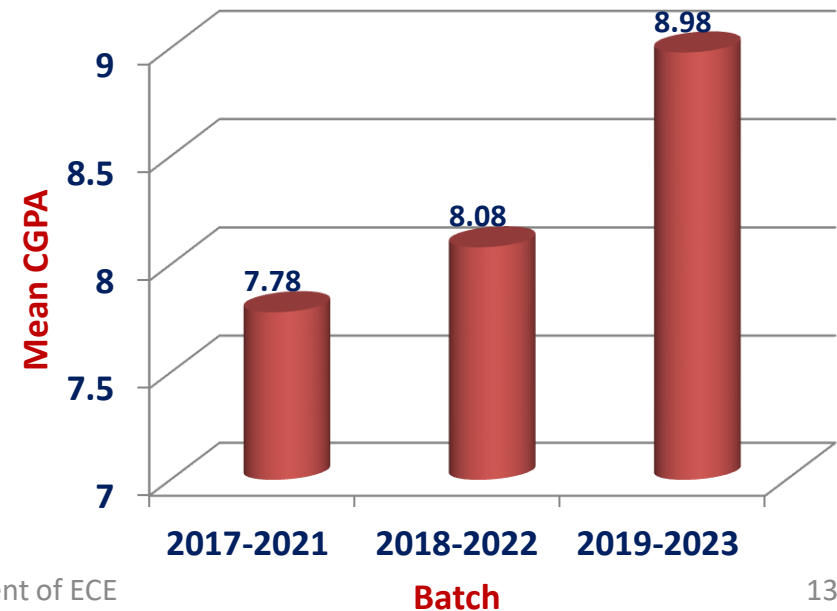
## Academic Performance in Third Year

Batch	Mean CGPA
2016-2020	7.85
2017-2021	8.56
2018-2022	7.88



## Academic Performance in Second Year

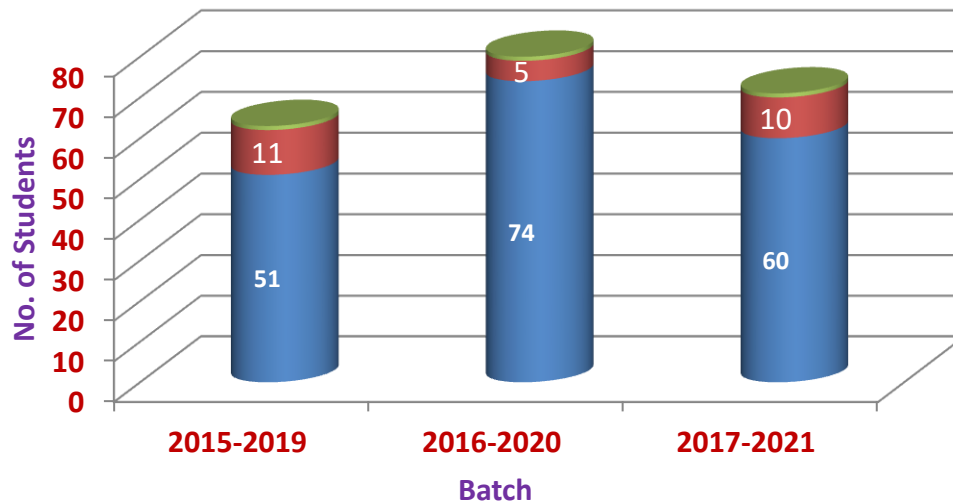
Batch	Mean CGPA
2017-2021	7.78
2018-2022	8.08
2019-2023	8.98



# Students' Performance

## Placement, Higher Studies and Entrepreneur

Batch	2015-2019	2016-2020	2017-2021
Total no. of students	126	112	106
No. of Students Placed	51	74	60
Higher Studies	11	05	10
Entrepreneur	1	1	1
Percentage	57	81	66



6 February 2023

■ No. of Students Placed

■ Higher Studies

■ Entrepreneur

Department of ECE

2018-2022  
batch

No. of Offers	242
Single Offer	37
Double Offer	26
Triple Offer	17
Quadruple Offer	15
Quintuple Offer	06
Sextuple Offer	02

# Major Recruiters



# Students' Performance

## Association Activities



ECE Association Inauguration



Essay

Just A Minute

Debate

Interaction with Guest Lecturer

Paper Presentation

This job is a great scientific adventure. But it's also a great human adventure.



Idea Contest  
6 February 2023

Dr.S.R.Ranganathan Memorial Trophy

Intellectual Reinnovation Contest  
Department of ECE

Guest Lecture

Project Contest



# Students' Performance

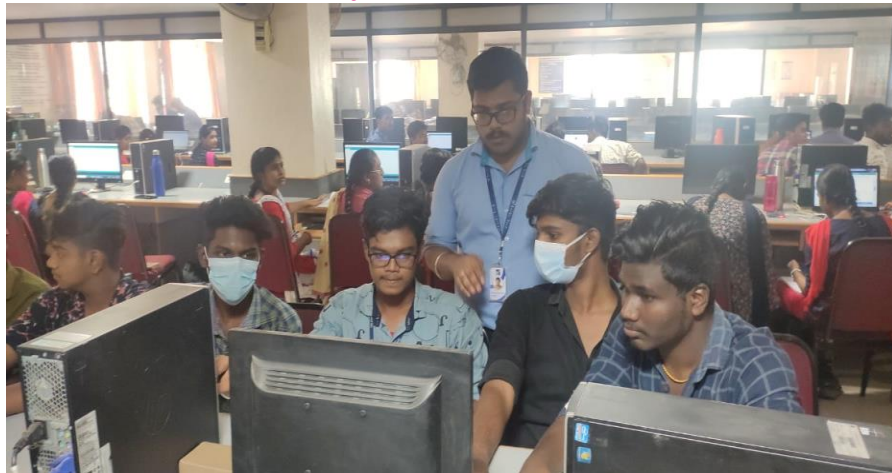
Professional Societies-IETE Students' Forum(ISF)- No. of Events-17, No. of students Membership: 32



Mini Project Contest (24/02/2021)



Circuit Debugging Contest – 21/2/2019



Two Day hands on Workshop on "Internet of Things (IoT)" during 25/5/2022 & 26/05/2022. Resource Persons from Enthu Technologies, Coimbatore



VCET ECE TROPY –First year Project Contest-24/06/22

# Students' Performance

## Participation of Students in

Nature of Activity	No. of students won Prizes/Awards		
	2019-20	2020-21	2021-22
Paper Presentation	10	17	07
Project Contest	24	08	18
Other Technical Events	17	16	07
<b>Total</b>	<b>51</b>	<b>41</b>	<b>32</b>

S.No.	Name of the Institute/Industries Participated
1.	IIT, Madras
2.	IIT, Pune
3.	IIT, Mumbai
4.	IISc , Bangalore
5.	Sathish Dhawan Space Centre, Sriharikota
6.	Terasic, Taiwan
7.	Bharatiya Skill Development University, Jaipur
8.	PSG College of Technology, Coimbatore
9.	Kongu Business School. Erode
10.	Pankaj Laddhad Institute of Technology and Management Studies Buldana





# Students' Achievements (2013-2014)



- **Won seed money for two projects** in the project contest (IDEAS – Yuva Anveshka) conducted by IIT Jodhpur on 23 – 24, February 2013
  - **“An intelligent health monitoring system for children and women using a new immune sensor”** - M. Pradeep, R. Manikandan, P. Prabu – **Rs.1 lakh**
  - **“Design and development of smart monitoring unit for kindergarten children and old age people”** -V. Karuppasamy,S. S. Kaiveesu Karthikeyan - **Rs. 40,000.**
  
- Bagged Rs.10,000 in the Paper Presentation Contest conducted by IIT Varanasi on 05 – 07, April 2013 by the students - G. C. Vivek Chakravarthy, B.R. Sathis Kumar, R. P. Ramesh
  
- **Young Investigator award** was received by the students Mr. S. Arun, Mr. M. Diwakar & Mr. E. Emmanuel in IRNET, Hyderabad on 10.03.2013 for the paper titled **“Automated Attendance System using Biometric with Embedded Web server”**
  
- Participated in the SHAASTRA 2014, The Spirit of Engineering - Design Contest by Ms. T. Tharani, Ms. V. S. Sagana, Ms. S. Shalini and Ms. S. Ramalakshmi conducted by IIT, Madras and stood as first runner up ISSS award



# 2013-2014

**ECE**

## **Students Activities**

### **Achievements**

**Total Prize Money won : Rs. 2,43,875**

Number of First Prizes : 32

Number of Second Prizes : 22

Number of Third Prizes : 11

# Sports Activities(2013-2014)

PED

## Anna University Chennai Tournament (contd...)



**Badminton Gold Medal**



**Volley Ball Silver Medal**

**Badminton Tournament on 26<sup>th</sup> and 27<sup>th</sup> August 2013 at  
Thiagarajar College of Engineering, Madurai.  
Volley Ball Tournament on 20<sup>th</sup> and 21<sup>st</sup> September 2013 at  
Mohamed Sathak Engineering College, Killakarai .**

28-06-2014

GC Meeting-7

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**PED**

# Anna University Chennai Athletic Meet on 26th to 28th September 2013 at K.L.N.C.E, Madurai (contd...)



**Mr.G.VIJAYA KUMAR, I-ME-ECE**  
**Silver Medal for Hammer Throw**



**Mr.G.THANGA BALAJI, IV-ECE**  
**Silver Medal for**  
**110 Mts Hurdles**

# Placement Details

TPC

## PLACEMENT DETAILS : 2013-2014 (contd...)

	CSE	ECE	EEE	IT	MECH	MCA	TOTAL
<b>Total Offers</b>	<b>29</b>	<b>51</b>	<b>38</b>	<b>17</b>	<b>24</b>	<b>1</b>	<b>160</b>

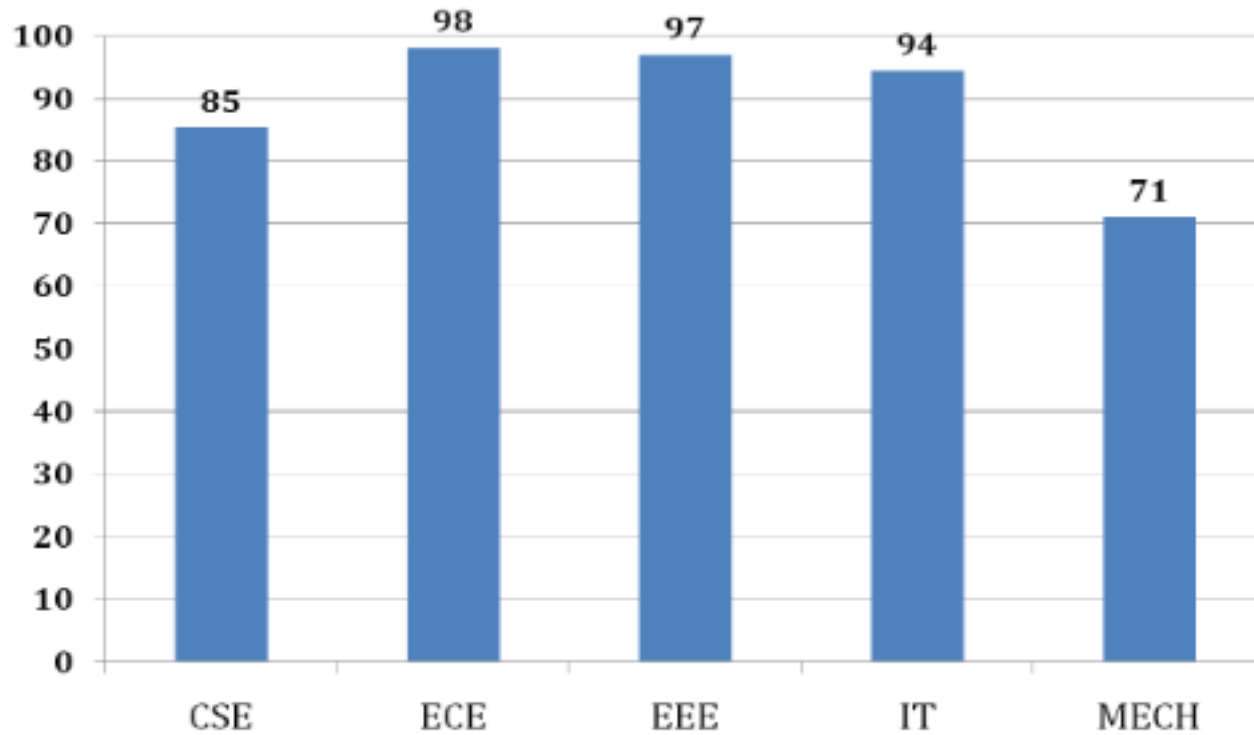
**Maximum Salary : 7.21 Lakhs per annum**  
**Minimum Salary : 1.8 Lakhs per annum**  
**Average Salary : 3.6 Lakhs per annum**

**160 Offers Out of 180 Students, Overall Placement 89 %**

# 2013-2014



DEPARTMENT WISE PLACEMENT PERCENTAGE 2013-2014





# Academic Shield(2013-2014)



## Academic Shield – ECE Department



COLLEGE OF ENGINEERING A

3<sup>rd</sup> College Day Celebration

The Academic Shield for the academic year 2013 – 14 won by the  
**Department of Electronics & Communication Engineering.**

28-06-2014

GC Meeting-7

683

# Culturals



## Cultural shows -7th College Day-Odyssey'14



28-06-2014

GC Meeting-7

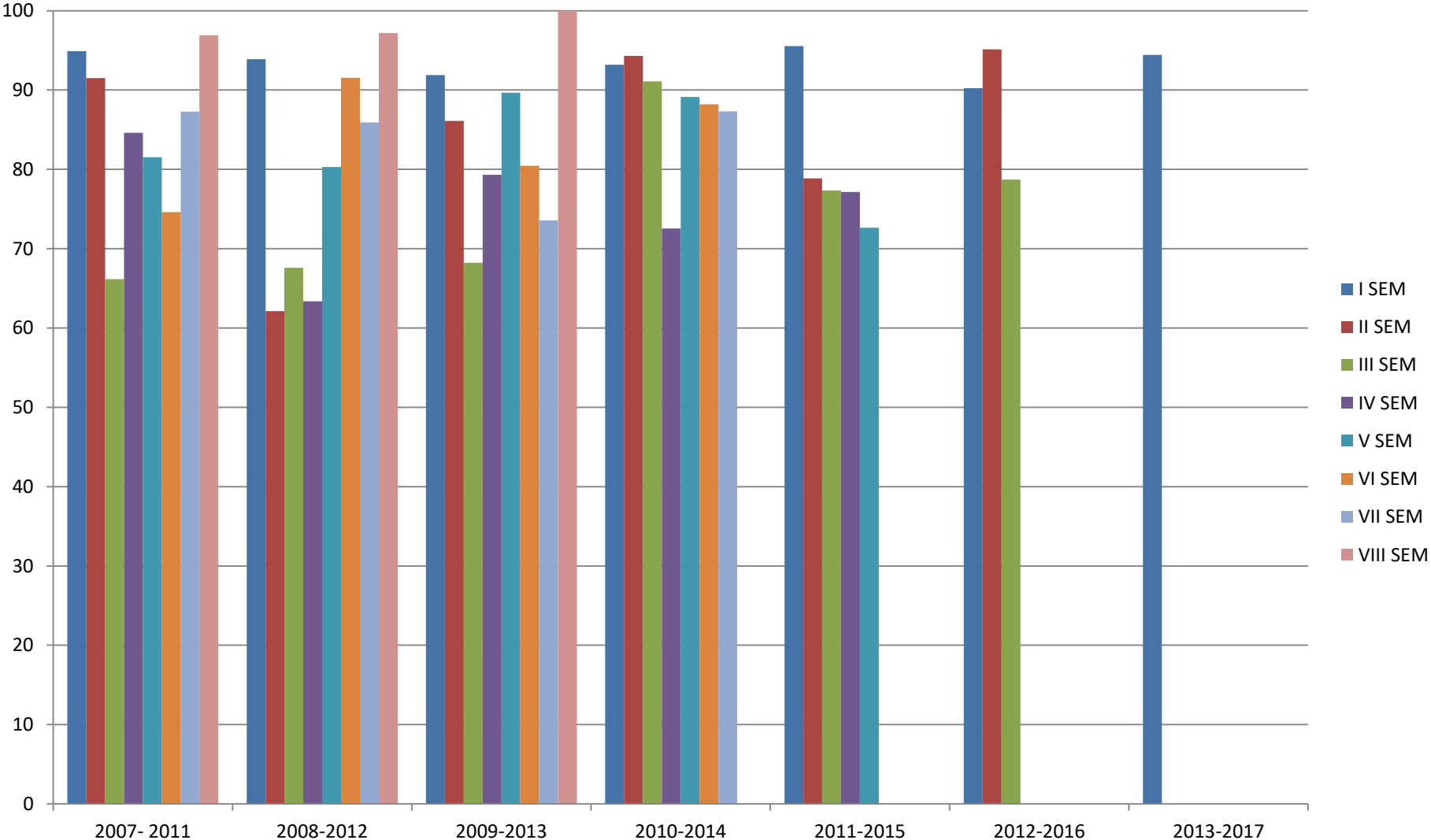
685

## Details of Students –( 2014-2015)

DEPARTMENT	GIRLS	BOYS	TOTAL
<b>UG</b>			
I Year - A SECTION	41	14	55
I Year - B SECTION	43	12	55
II Year - A SECTION	26	22	48
II Year - B SECTION	17	30	47
III Year - A SECTION	31	23	54
III Year - B SECTION	32	21	53
IV Year - A SECTION	29	23	52
IV Year - B SECTION	28	22	50
<b>PG</b>			
I Year	14	4	18
II Year	6	12	18
<b>TOTAL</b>	<b>267</b>	<b>183</b>	<b>450</b>

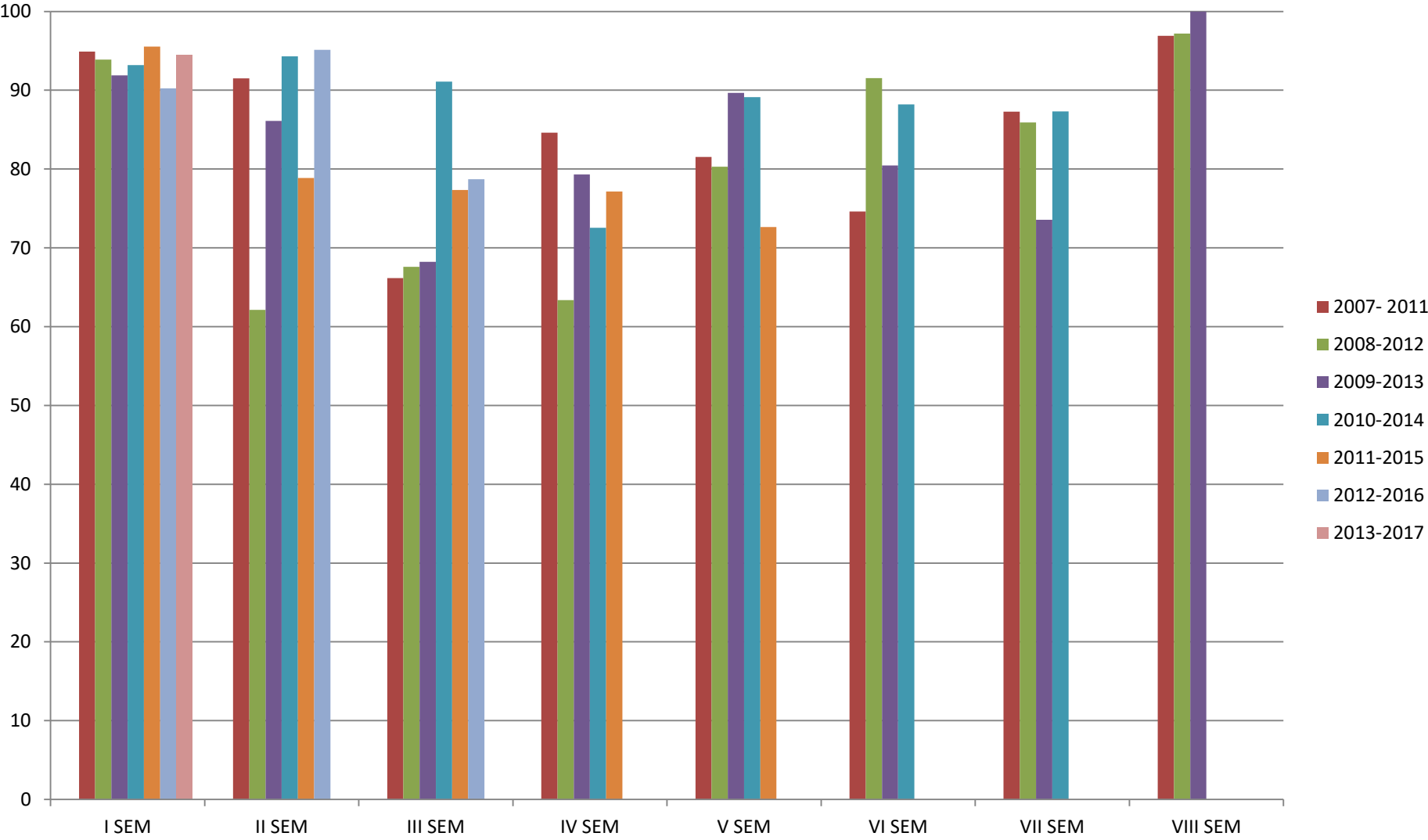


# Academic Results- UG

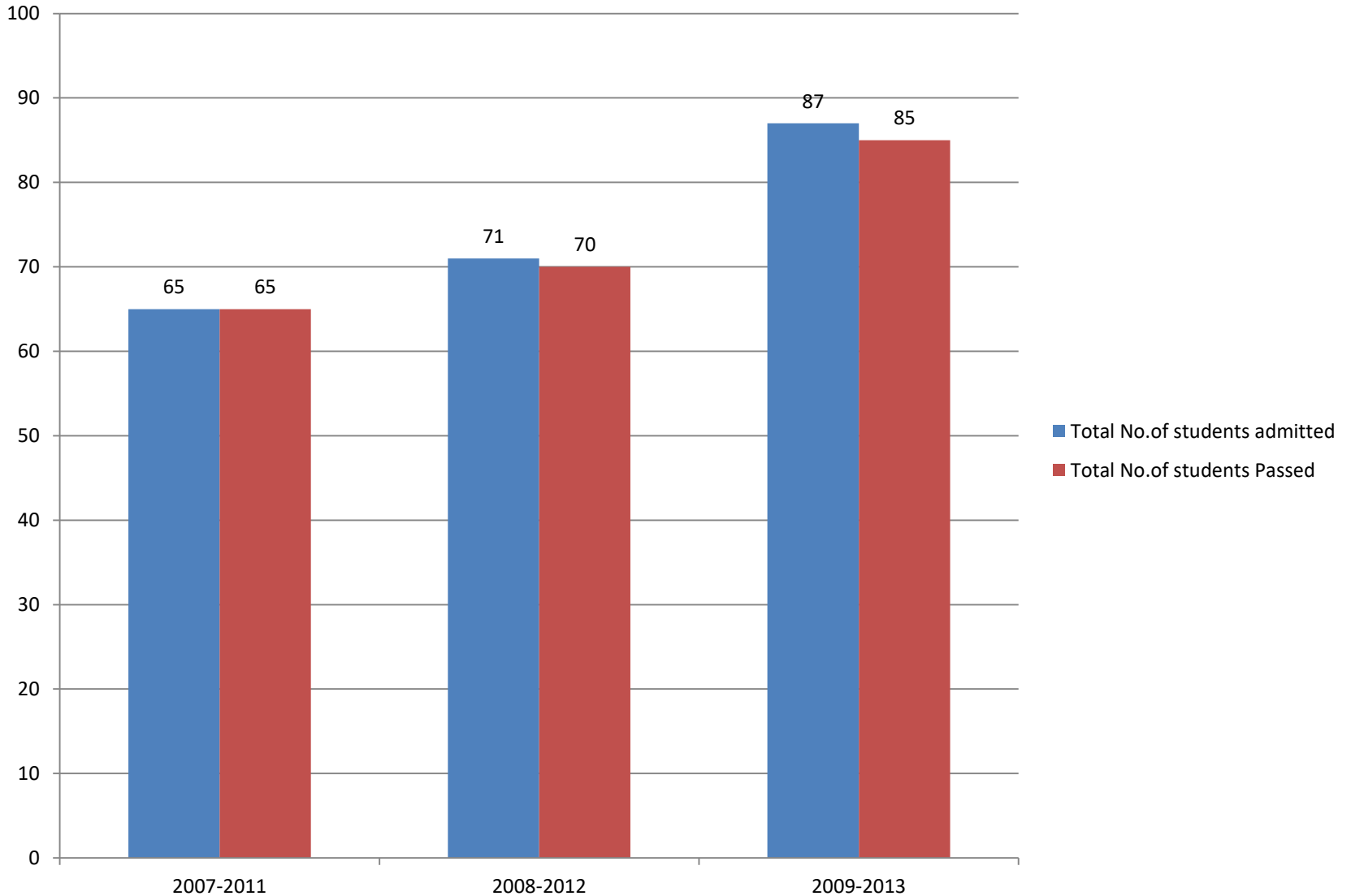




# Academic Results- UG



# Academic Results- UG

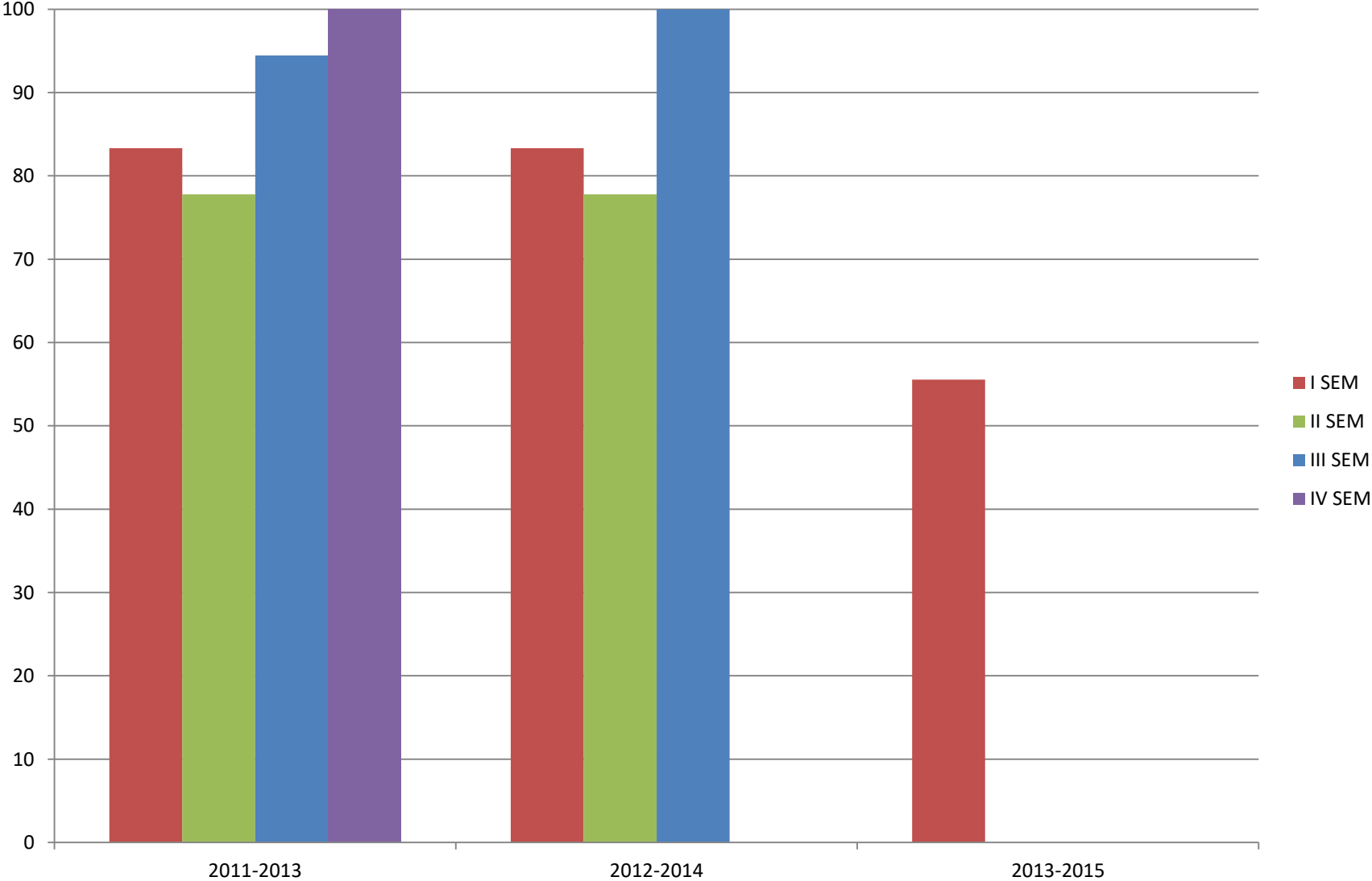




GC Meeting - 7



# Academic Results- PG

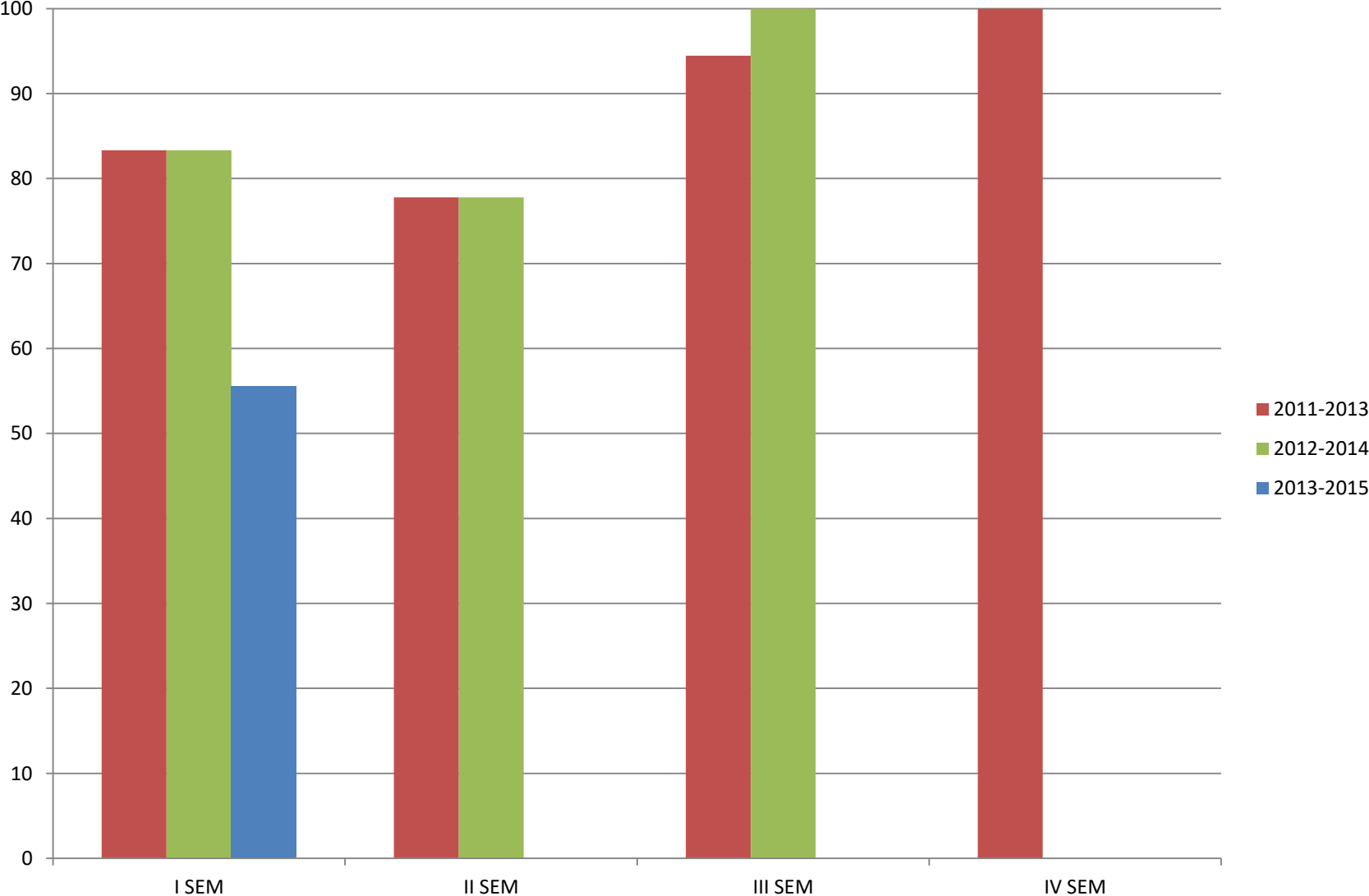




GC Meeting - 7



# Academic Results- PG

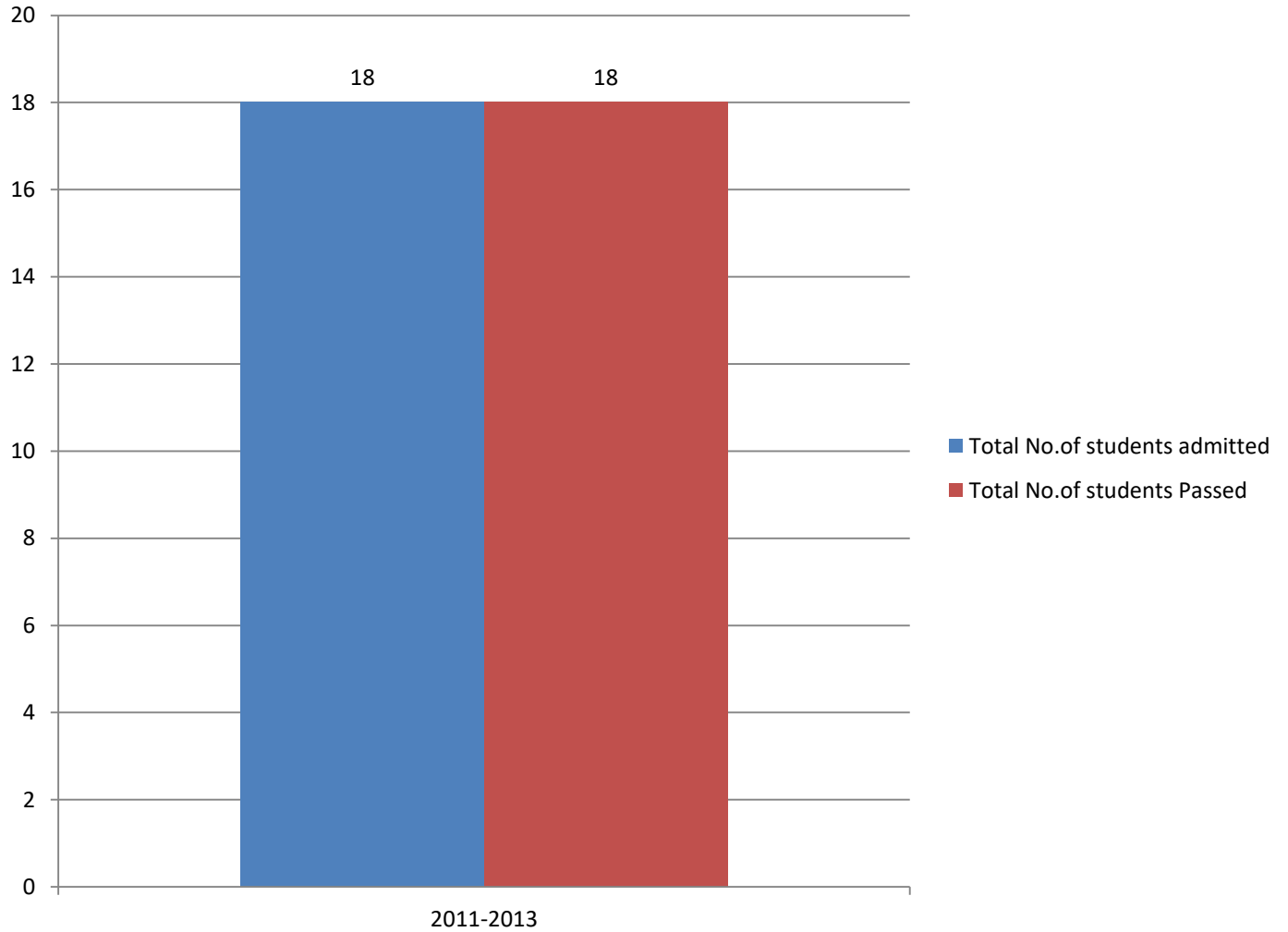






GC Meeting - 7

# Academic Results- PG



# University Rank Holders:15

## Rank Holders:UG -11

Sl.No.	Name of the Student	Rank Secured
1	PACKYA.R	12
2	BOSHMI.S	14
3	KRITHIKA VENKATESH	23
4	PRIYANKA.V.S	28
5	NIVEDHA.R	28
6	PAVITHRA.R	31
7	LAVANYAN.G	37
8	KEERTHANA DEVI.S	42
9	ATCHAYA.S	42
10	MARISUGANYA.R	44
11	SHUNMUGALAKSHMI.S	45

## Rank Holders:PG -4

Sl.No.	Name of the Student	Rank Secured
1	SIVARANJANI.S	10
2	ALAIMAHALA.A	27
3	SINDU.S	29
4	BAKYALAKSHMI.M	37

# Placement Details



S.No	Company	No. of Students
1	<b>TCS</b>	21
2	<b>WIPRO</b>	11
3	<b>L&amp;T Info Tech</b>	2
4	<b>UST Global</b>	5
5	<b>Athena Health</b>	2
6	<b>Scope International</b>	2
7	<b>CSC</b>	1
8	<b>BNP Paribas</b>	1
9	<b>AON HEWITT</b>	1
10	<b>INFOSYS</b>	1

**Registered for placement–53**

**Placed students–47**

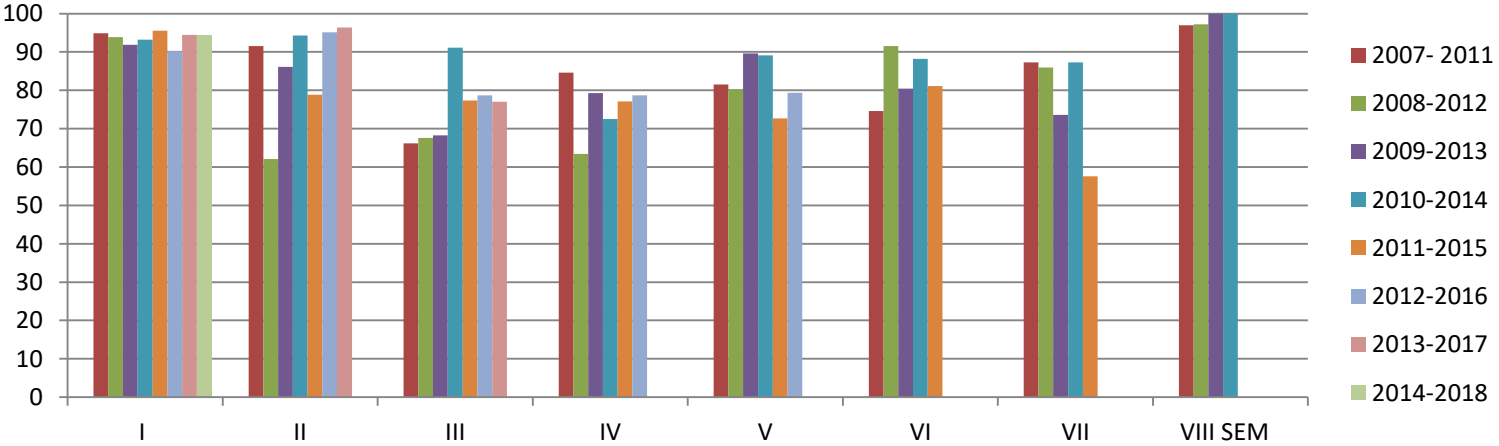
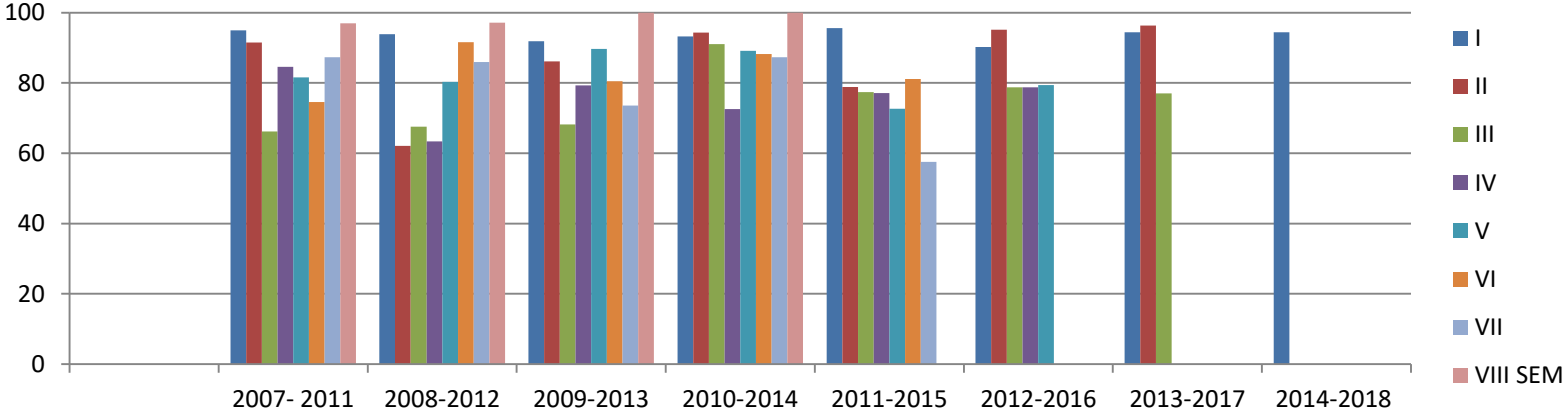
**Placement % – 89%**

## Details of Students-(2014-2016)

DEPARTMENT		GIRLS	BOYS	TOTAL
		<b>UG</b>		
I Year	- A SECTION	40	13	53
I Year	- B SECTION	41	13	54
II Year	- A SECTION	45	18	63
II Year	- B SECTION	46	17	63
III Year	- A SECTION	30	16	46
III Year	- B SECTION	29	17	46
IV Year	- A SECTION	31	23	54
IV Year	- B SECTION	32	21	53
		<b>PG</b>		
I Year		12	3	15
II Year		14	4	18
<b>TOTAL</b>		320	145	465

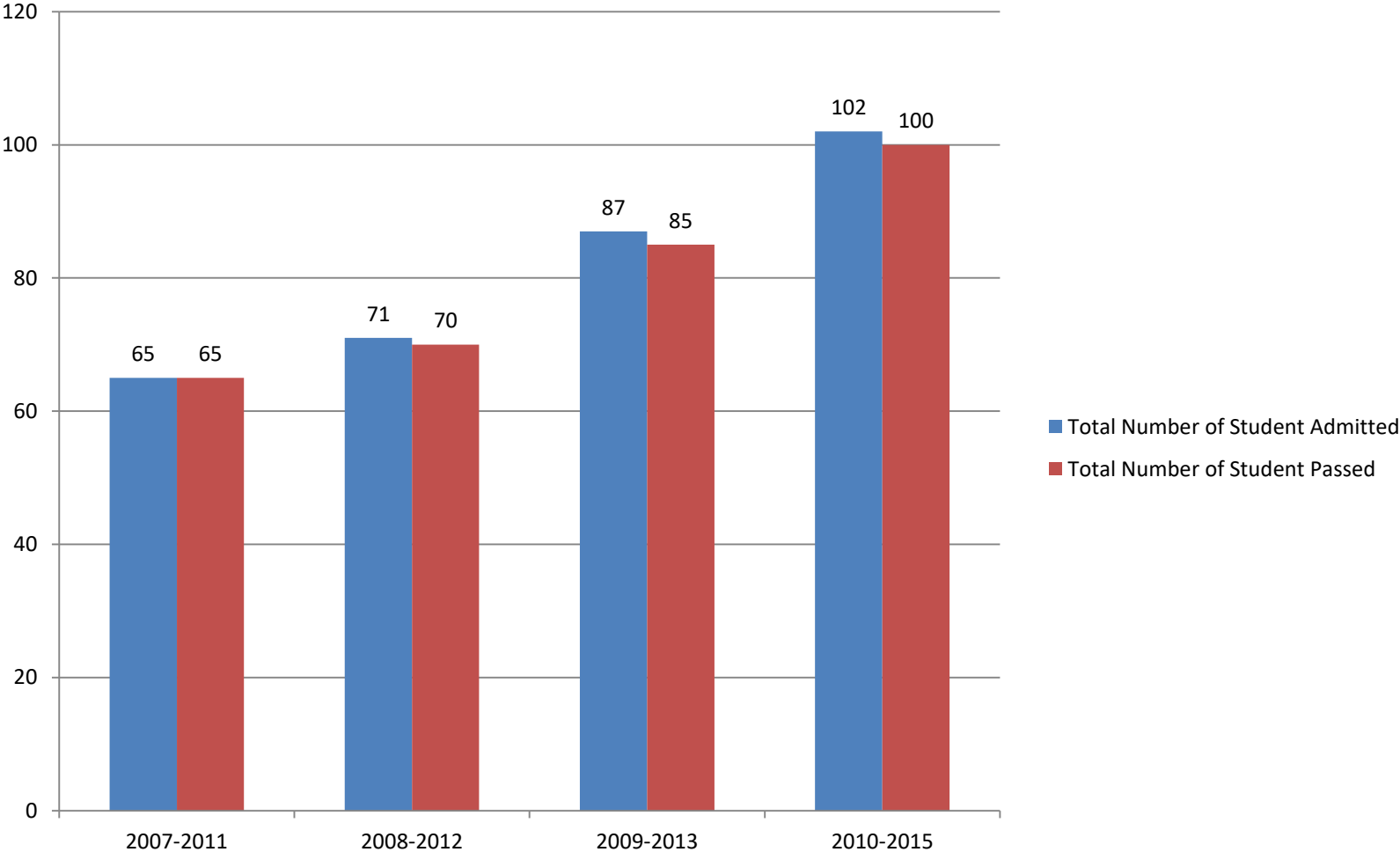


# Academic Results- UG (2015-2016)



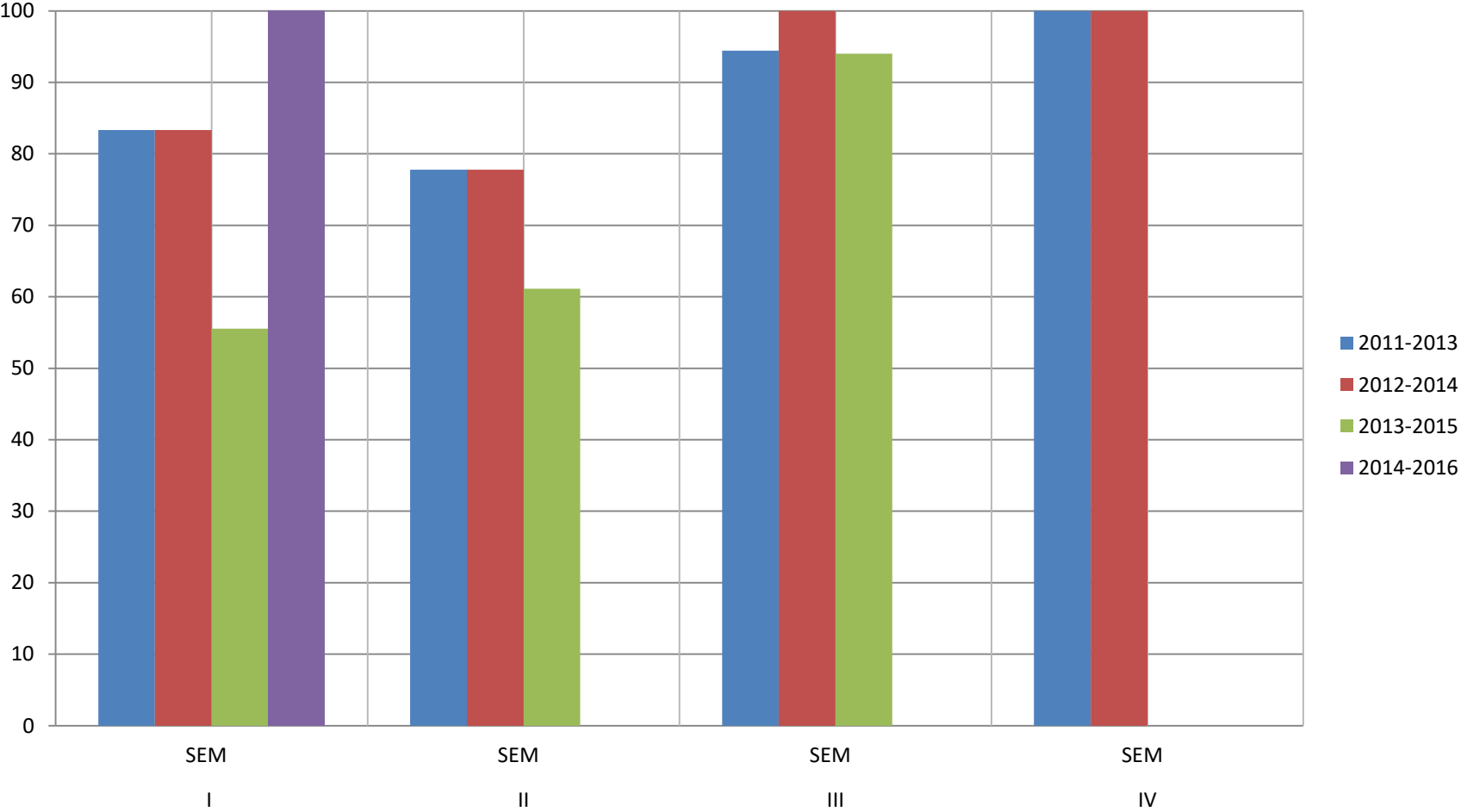


# Academic Results- UG





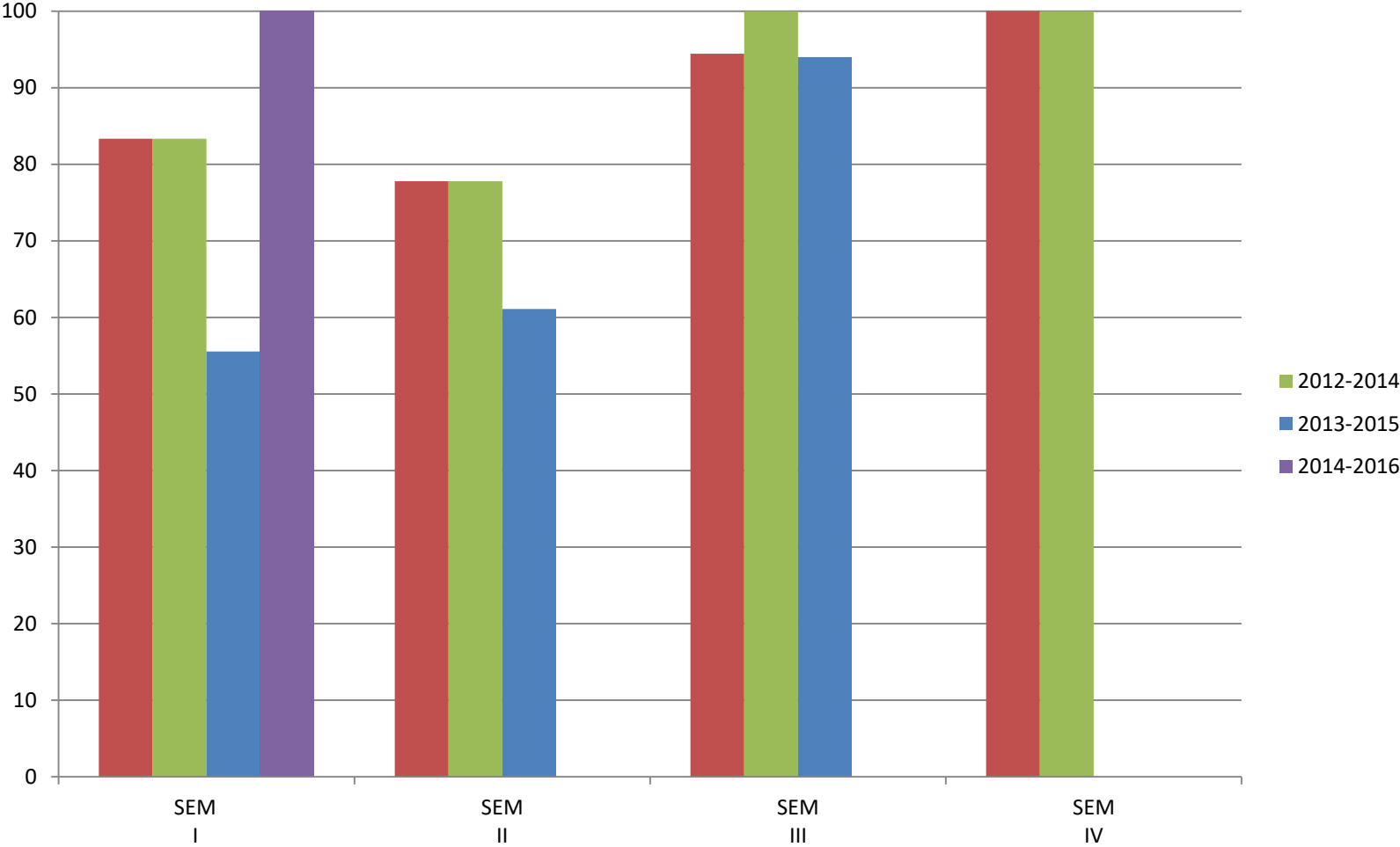
# Academic Results- PG







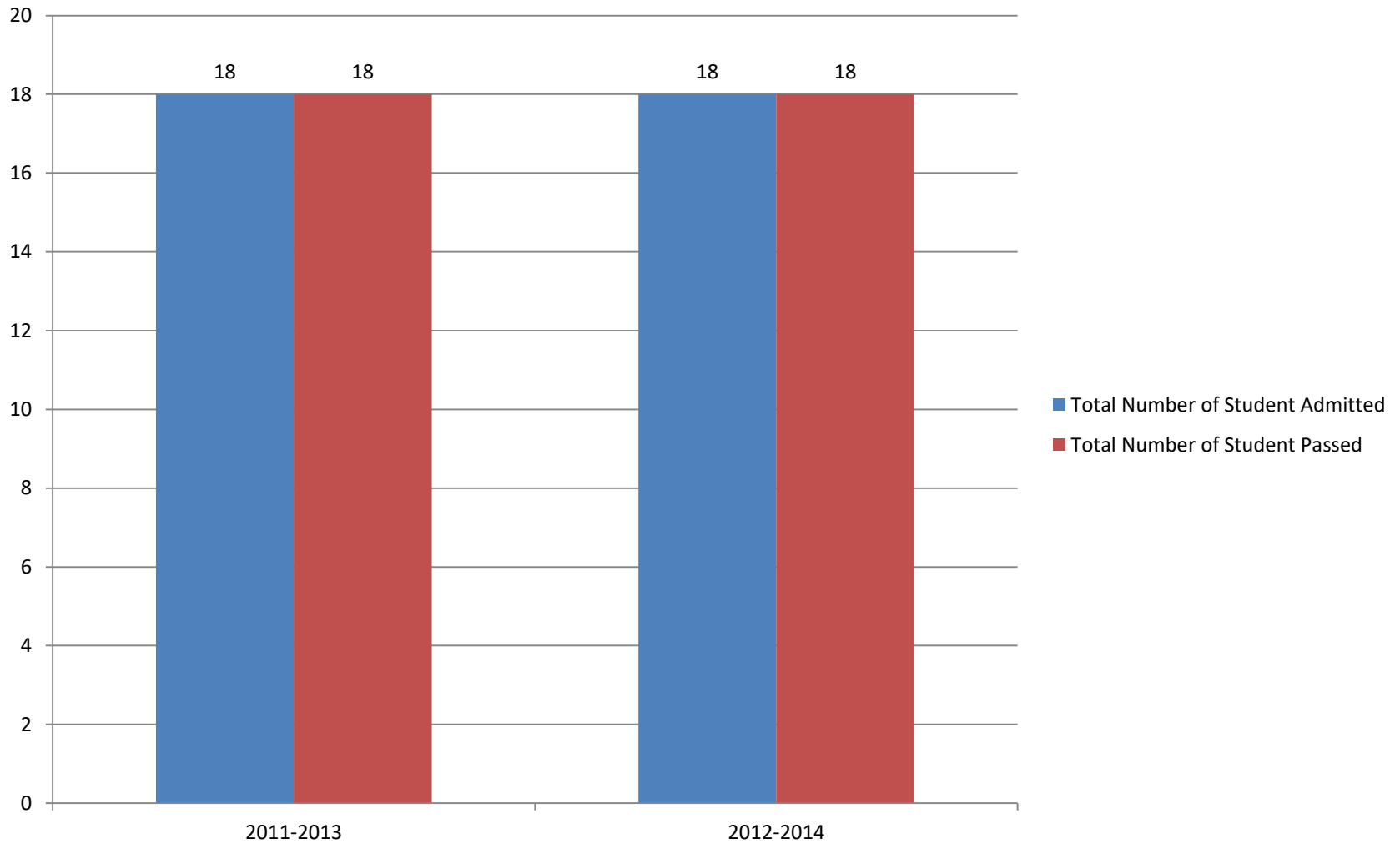
# Academic Results- PG





GC Meeting - 8

# Academic Results- PG



# University Rank Holders:15

## Rank Holders:UG -11

Sl.No.	Name of the Student	Rank Secured
1	PRIYADHARSHINI .M	3
2	SHINY RICHARD .V	5
3	JANANI .G. R	6
4	VINOLIYA CATHRIN .C	21
5	AJITHA .T	24
6	CHANDRA .V. G	25
7	SRILATHA .K. G	25
8	KANNAN .R	27
9	ABINAYA .G	28
10	VIDHYA HARINI .S. V	28
11	PON VISHALAKSHI .M	30

# University Rank Holders:15

## Rank Holders:UG -11

Sl.No.	Name of the Student	Rank Secured
12	MUTHUSELVI .M	33
13	VISHNU PRIYA .A	35
14	AKSHATHA CHINDU .M	39
15	JEYARANI .M	41
16	PRIMIYA .V. S	41
17	SATHISH KUMAR .B. R	43
18	KAVITHA .P. S	44
19	DIVYABHARATHY .R	45
20	PRADEEPA. N	49
21	THANGA BALAJI .G	49
22	SIVASANGARI .R	50
23	SATHIYAMURTHY .L .S	50

## Rank Holders:PG -10

Sl.No.	Name of the Student	Rank Secured
1	Ms. ANN CAROLINE JENIFER R	4
2	Ms. ANANDHA PRIYADHARSINI A R	5
3	Ms. AATHI DHARSHINI K	14
4	Ms. SHIRLEY JULIA GV	17
5	Ms. SATHIYA SEETHA S	20
6	Mr. RAMASAMY R	35
7	Mr. RAJKUMAR R	39
8	Ms. SUJITHA S	44
9	Mr. RAMANATHAN I	46
10	Ms. NITHYA ANANTHI A	46

The logo for ECE (Electronics and Communication Engineering) is enclosed in a green circle. The letters 'ECE' are written in a bold, red, serif font with a slight reflection effect below them.

**ECE**

CG Meeting - 8

**Student**

## **Achievements(2014-2015)**



**Total Prize Money won : Rs. 1,21,400**

Number of First Prizes : 63

Number of Second Prizes : 37

Number of Third Prizes : 12

# Placement Details



S.No	Company	No. of Students
1	ZOHO	1
2	Athena Health care	2
3	CTS	44
4	INFOSYS	12
5	WIPRO	25
6	L & T Infotech	2
7	CSC corp	2
8	Excelacom	1

**Registered for placement–64**

**Placed students–54**

**Placement % – 89**





# Academic Achievement



**S.S.Keerthika  
(2008-2012)** receiving  
Gold medal from  
**Excellency Governor of  
TamilNadu**

# Department of Electronics and Communication Engineering

## **Faculty Achievements**

# Milestones' achieved by Faculties of ECE

**22** Faculty Members with **12** Ph.D. holders and **5** pursuing Ph.D.



**6** Anna University Recognized Supervisors guiding **20** scholars



**Rs. 3.1 Crore** worth Sponsored Research Projects

**3** Patents GRANTED  
**5** Published and  
**11** Registered



**25+** NPTEL / MOOC Certification  
**2** NPTEL Faculty Mentors

**350+** publications in SCI / SCOPUS Indexed Journals



**80+** Books / Chapters



# Department Achievements

## R & D Labs(Rs.51.98 Lakhs)

Centre for Unmanned Systems Research Lab ( 8 Lakhs)



Centre of Excellence Research Lab for "IoT" (11.98 Lakhs)



Velammal - Tekiknow R & D Centre For RF Circuits & Antenna Design & Testing(17 Lakhs)



COMRAD Lab(15 Lakhs)



### MoUs Signed



Tesla Minds



Zagma



VMCH & R



AVIAN AEROSPACE



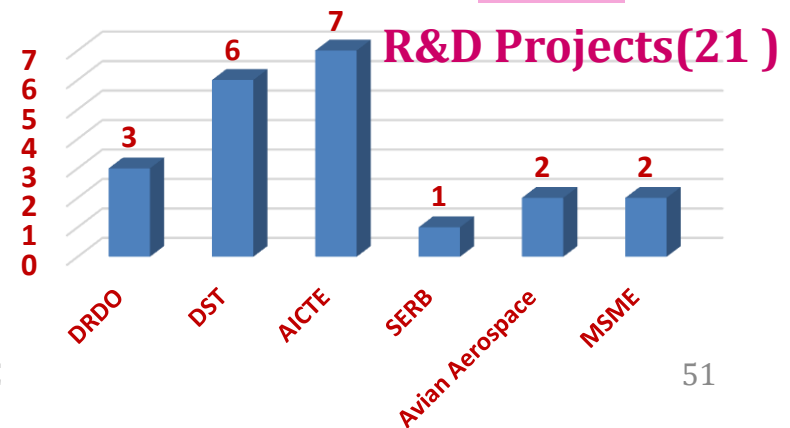
COMTEK



Won Best Department Award consecutively two times in SEAL Programme

6 February 2023

Department of ECE



# Faculties' Awards

- **Dr.S.Vasuki** received “Dr.A.P.J. Abdul Kalam Award For Scientific Excellence 2016” by Marina R&D Lab
- **Dr.K.Kavitha**
  - got selected for Dr. A.P.J. Abul Kalam, Teachers' Excellence Award for the Year 2020 by Shikshak Kalyan Foundation, Gaziabad.
  - Received Puthumai Bharathi Award from Agni Siragukal Arakkattalai, Krishnagiri for state level best article writing in 2019.
- **Dr.Suveetha Dhanaselvam**
  - Received TARE(Teachers Associateship for Research Excellence award) from SERB, DST
- **Dr.P.Karthikeyan**
  - Outstanding Superviosr Award received from Innovate FPGA Design Contest -2022.
- **Mr.A.Suban**
  - ISSS Best Mentor Award by Institute for Smart Structures and Systems (ISSS), IISc Bangalore
  - IEEE – R10 Young Engineer's Humanitarian Challenge (Aiyehum) Award
  - Sir. C. V. Raman Award by Bannari Amman Institute of Technology

# Faculty Information and Contributions

## Cumulative Citation Index

<b>S. No.</b>	<b>Name of the Faculty</b>	<b>h-index</b>	<b>i10-index</b>	<b>Citations</b>
1	Dr. S. Vasuki	12	16	450
3	Dr. K. Kavitha	5	1	93
4	Dr. P. Suveetha Dhanaselvam	7	2	105
5	Dr. P. Rajeswari	2	-	10
6	Dr. K. Kavitha	1	-	2
7	Dr. P. Karthikeyan	3	-	26
8	Dr. S. Gandhimathi @ Usha	4	1	42
9	Dr.P.Kavitha			
10	Dr.J.Sivasankari	3	1	20
11	Mr. A. Suban	2	0	15
12	Mr. G. Pradeep Kumar	3	0	10
13	Ms. A. Alaimahal	2	1	17