Mock Seat Allocation

An attempt at unraveling the anxiety

Electronics and Communication Engineering (AVN)

Batch of 2015

Indian Institute of Space Science and Technology

Disclaimer

It is only human to err, and a common error as pointed out by Suraj Rajesh is usually done while filling the lower preferences when you expect you will get something higher. However if this was the case, you have the right to call for a reallocation, and we shall be more than happy to entertain the request.

Please note that in this simulation it has been assumed that your preferences remain unbiased by the available seat matrix during your turn in counselling. A simulation of the same has been also shown in Appendix.
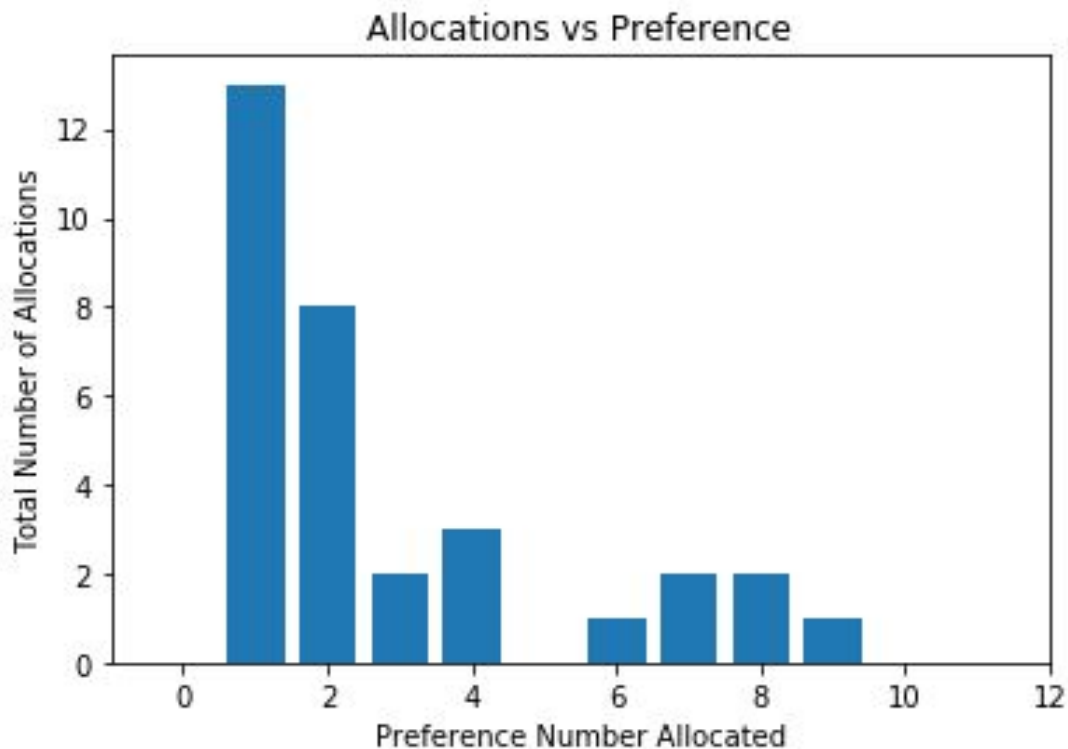
This is purely an algorithm at work, the only effort was combining all the preferences together, we shall provide a list of all collected responses at the Appendix of this booklet. A copy of the rank-list is also attached for further reference, anyone willing to dispute the facts is welcome to do so. You can provide feedback by mailing or messaging the organizers.

Your cooperation has been vital to completion of this task, we solicit the same in future.

Thank You

Facts:

- Number of people participated -   31/33
- Number of entries made -   33
- Most number of entries -   2
- Most preferred center -   URSC
- Most unwanted center -   IPRC
- People getting their 1st Preference -   13
- People getting their 2nd Preference -   8
- People getting their 3rd Preference -   2

Allocations vs Preference

```
Average Preference - 1 being highest
URSC --> 1.9558823529411764
SAC --> 3.411764705882353
VSSC --> 4.102941176470588
ISTRAC --> 5.0
NRSC --> 5.588235294117645
PRL --> 5.764705882352941
SDSC --> 6.279411764705882
SCL --> 6.602941176470588
LPSC --> 8.117647058823529
MCF --> 9.058823529411764
IPRC --> 10.147058823529411
```
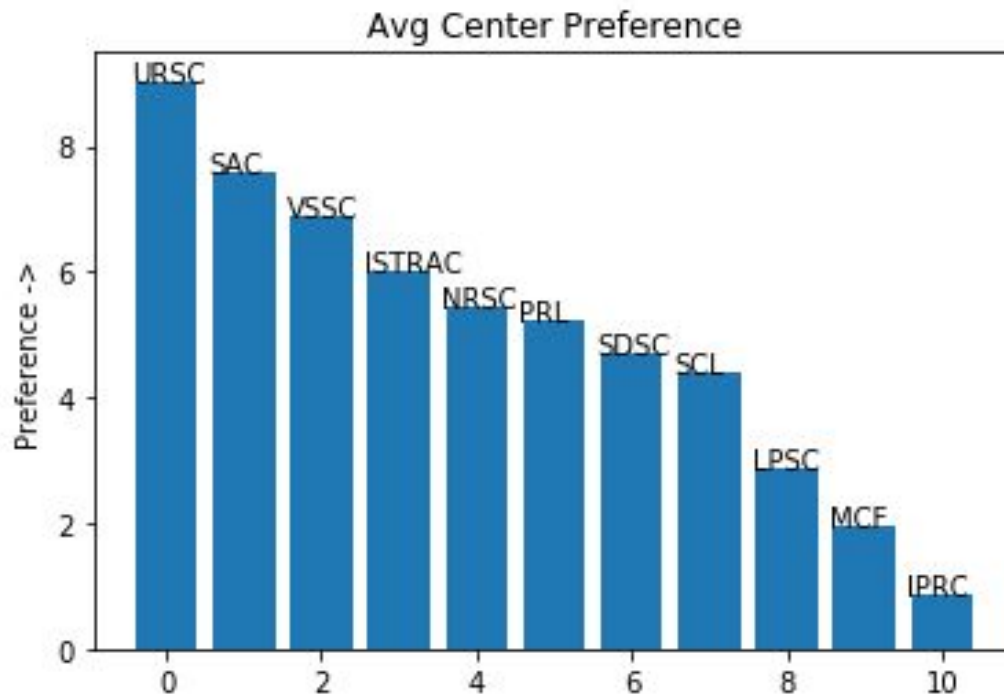

Avg Center Preference

Allocations (when Anuj chooses URSC)

Rank	Name	Allocation
2	Debajyoti Chakrabarti	URSC
3	Srinika Selvam	URSC
4	Anuj	URSC
5	Archana C M	VSSC
6	Himanshu Saini	SAC
7	Sneha Gem Mathew	VSSC
8	Chinmay S Mhatre	URSC
9	Swetha	URSC
10	Kaninika	SAC
11	Reuben	VSSC
12	Kaustubh	PRL
13	Pragya	SAC
14	G Rohit	NRSC
15	Suraj R	VSSC
16	Ansuman Palo	ISTRAC
17	Samvram Sahu	NRSC
18	Arnab	VSSC
19	Susmitha	LPSC
20	Sagnik	ISTRAC
21	Shubham Chauhan	SCL
22	Ujjwala	ISTRAC
23	Sahal Mohammed	ISTRAC
24	Divyang Arora	ISTRAC
25	Mohit kumar soni	PRL
26	Raju Joarder	ISTRAC
27	Greeshma Battula	SCL

28	Sanidhya Vijaywat	SDSC
29	Vamshi T. Bollam	SDSC
30	Neel Menpara	SDSC
31	Kamna Kohli	SDSC
32	Rashmi	IPRC
33	Deepsikha Jaiswal	MCF
34	Anurag Shukla	SDSC

Allocations (when Anuj chooses SAC)

Contrary to popular opinion that the choice difference in top level will cause much chaos, simulation shows otherwise as in this scenario everything remains the same, except Anuj gets allocated to SAC and Kaninika gets allocated to URSC.

Appendix - Ranks

Rank	Name
2	Debajyoti Chakrabarti
3	Srinika Selvam
4	Anuj
5	Archana C M
6	Himanshu
7	Sneha Gem Mathew
8	Chinmay S Mhatre
9	Swetha
10	Kaninika
11	Reuben
12	Kaustubh
13	Pragyaa
14	Rohit
15	Suraj R
16	Ansuman Palo
17	Samvram Sahu
18	Arnab
19	Susmitha
20	Sagnik
21	Shubham Chauhan
22	Ujjwala
23	Sahal Mohammed
24	Divyang Arora
25	Mohit kumar soni
26	Raju Joarder
27	Greeshma Battula

28	Sanidhya Vijaywat
29	Vamshi T. Bollam
30	Neel Menpara
31	Kamna Kohli
32	Rashmi
33	Deepsikha Jaiswal
34	Anurag Shukla

Appendix - Preferences

	Rank 2	Rank 3	Rank 4	Rank 5	Rank 6
1	URSC	URSC	URSC	VSSC	SAC
2	SAC	VSSC	SAC	LPSC	PRL
3	VSSC	SAC	VSSC	URSC	URSC
4	ISTRAC	NRSC	NRSC	SDSC	ISTRAC
5	SDSC	LPSC	ISTRAC	ISTRAC	SCL
6	PRL	PRL	IPRC	NRSC	NRSC
7	NRSC	MCF	PRL	MCF	VSSC
8	SCL	ISTRAC	SDSC	IPRC	LPSC
9	MCF	SCL	LPSC	PRL	SDSC
10	LPSC	IPRC	SCL	SAC	MCF
11	IPRC	SDSC	MCF	SCL	IPRC

Rank 7	Rank 8	Rank 9	Rank 10	Rank 11	Rank 12
VSSC	URSC	URSC	URSC	VSSC	PRL
LPSC	VSSC	VSSC	SAC	URSC	SAC
URSC	ISTRAC	ISTRAC	NRSC	LPSC	URSC
ISTRAC	LPSC	NRSC	MCF	ISTRAC	VSSC
SAC	SDSC	SAC	SCL	NRSC	SCL
NRSC	SCL	SDSC	SDSC	SAC	ISTRAC
SDSC	SAC	SCL	PRL	IPRC	SDSC
PRL	PRL	PRL	VSSC	SDSC	MCF
IPRC	NRSC	MCF	LPSC	MCF	LPSC
SCL	MCF	LPSC	IPRC	PRL	IPRC
MCF	IPRC	IPRC	ISTRAC	SCL	NRSC

Rank 13	Rank 14	Rank 15	Rank 16	Rank 17	Rank 18
URSC	URSC	URSC	URSC	URSC	URSC
SAC	SAC	VSSC	ISTRAC	SAC	NRSC
ISTRAC	NRSC	SAC	VSSC	NRSC	SAC
PRL	PRL	NRSC	SAC	VSSC	VSSC
NRSC	ISTRAC	ISTRAC	PRL	SDSC	ISTRAC
VSSC	VSSC	SDSC	NRSC	ISTRAC	PRL
SCL	SDSC	SCL	SCL	PRL	SDSC
MCF	LPSC	PRL	SDSC	SCL	LPSC
LPSC	MCF	LPSC	LPSC	LPSC	SCL
IPRC	SCL	IPRC	MCF	MCF	MCF
SDSC	IPRC	MCF	IPRC	IPRC	IPRC

Rank 19	Rank 20	Rank 21	Rank 22	Rank 23	Rank 24
VSSC	ISTRAC	URSC	URSC	ISTRAC	URSC
LPSC	VSSC	SCL	ISTRAC	SAC	SAC
URSC	URSC	SAC	MCF	PRL	NRSC
ISTRAC	SDSC	PRL	SDSC	URSC	ISTRAC
SDSC	SCL	ISTRAC	VSSC	SDSC	MCF
NRSC	SAC	VSSC	LPSC	VSSC	PRL
SAC	PRL	NRSC	NRSC	LPSC	SCL
PRL	NRSC	MCF	SAC	MCF	VSSC
IPRC	MCF	SDSC	SCL	IPRC	SDSC
SCL	LPSC	LPSC	IPRC	SCL	LPSC
MCF	IPRC	IPRC	PRL	NRSC	IPRC

 SSC

Rank 25	Rank 26	Rank 27	Rank 28	Rank 29	Rank 30
SAC	ISTRAC	URSC	URSC	VSSC	URSC
PRL	SDSC	ISTRAC	VSSC	URSC	ISTRAC
ISTRAC	URSC	VSSC	SAC	SAC	SAC
SDSC	SAC	NRSC	SDSC	NRSC	PRL
NRSC	NRSC	SAC	ISTRAC	LPSC	NRSC
URSC	PRL	SCL	SCL	ISTRAC	SCL
VSSC	SCL	SDSC	LPSC	PRL	VSSC
LPSC	VSSC	LPSC	PRL	SDSC	SDSC
SCL	MCF	PRL	NRSC	SCL	MCF
MCF	LPSC	MCF	MCF	IPRC	LPSC
IPRC	IPRC	IPRC	IPRC	MCF	IPRC

Rank 31	Rank 32	Rank 33
URSC	URSC	SAC
ISTRAC	SAC	SCL
SAC	ISTRAC	PRL
SCL	VSSC	NRSC
PRL	NRSC	URSC
VSSC	LPSC	ISTRAC
SDSC	IPRC	VSSC
NRSC	SCL	LPSC
LPSC	PRL	MCF
MCF	MCF	SDSC
IPRC	SDSC	IPRC

Rank 33's values have been filled at Random!

SSC

Appendix - Available Seats during turn for Rank

Rank	IPRC	ISTRAC	LPSC	MCF	NRSC	PRL	SAC	SCL	SDSC	URSC	VSSC
2	1	6	1	1	2	2	3	2	5	5	5
3	1	6	1	1	2	2	3	2	5	4	5
4	1	6	1	1	2	2	3	2	5	3	5
5	1	6	1	1	2	2	3	2	5	2	5
6	1	6	1	1	2	2	3	2	5	2	4
7	1	6	1	1	2	2	2	2	5	2	4
8	1	6	1	1	2	2	2	2	5	2	3
9	1	6	1	1	2	2	2	2	5	1	3
10	1	6	1	1	2	2	2	2	5	0	3
11	1	6	1	1	2	2	1	2	5	0	3
12	1	6	1	1	2	2	1	2	5	0	2
13	1	6	1	1	2	1	1	2	5	0	2
14	1	6	1	1	2	1	0	2	5	0	2
15	1	6	1	1	1	1	0	2	5	0	2
16	1	6	1	1	1	1	0	2	5	0	1
17	1	5	1	1	1	1	0	2	5	0	1
18	1	5	1	1	0	1	0	2	5	0	1
19	1	5	1	1	0	1	0	2	5	0	0
20	1	5	0	1	0	1	0	2	5	0	0
21	1	4	0	1	0	1	0	2	5	0	0
22	1	4	0	1	0	1	0	1	5	0	0
23	1	3	0	1	0	1	0	1	5	0	0
24	1	2	0	1	0	1	0	1	5	0	0
25	1	1	0	1	0	1	0	1	5	0	0
26	1	1	0	1	0	0	0	1	5	0	0
27	1	0	0	1	0	0	0	1	5	0	0
28	1	0	0	1	0	0	0	0	5	0	0
29	1	0	0	1	0	0	0	0	4	0	0
30	1	0	0	1	0	0	0	0	3	0	0
31	1	0	0	1	0	0	0	0	2	0	0
32	1	0	0	1	0	0	0	0	1	0	0

Thank You