



St. Joseph's Degree College
Sunkesula Road
Kurnool

Department of Statistics

Add on course on the basis of “Sequencing theory”

Academic Year – (2019-2020)

B. Mallika M.Sc, B.Ed
Head of Department
Department of Statistics

Add-on Course – SEQUENCING THEORY

Department of Statistics conducted Add-on Course for II year students based on Sequencing Theory. It's have been done from 22/6/2019 to 26/10/2019. This course was conducted every Saturday last two hours of a week.

Lecturers attended:

- 1) B. Mallika
- 2) I. Kalyani
- 3) K. Keerhi Madhuri
- 4) K. Raghavendra

Support to documents of the event as follows,

Course objective

To enrich the knowledge of students with advanced techniques of linear programming problem along with real life applications.

Request letter

Request Letter

07-06-2019

Kurnool

To
The Chairman,
Internal Quality Assurance Cell,
St.Joseph's Degree College,
Kurnool.

Respected Sir/Madam,

Sub: Requisition to seek permission for conducting Add on course-Reg.

As per the discussion of the faculty members of statistics Department wants to conduct Add on course for the second year students based on "Sequencing Theory" to enhance academic knowledge regarding the subject on every Saturday last two hours. Hence we request you to kindly give us permission.

Thanking You,

Yours faithfully,

(B.Mallika)

Head of the Department
Department of Statistic

Circular to the students

St. Joseph's Degree College
Sunkesula Road
Kurnool

Circular

All the IInd year students of statistics are hereby informed that there will be an Add-on course based on "**Sequencing Theory**" on every Saturday for the last two hours.

(B.Mallika)
Head of the
Department
Department of Statistics

SYLLABUS

St. Joseph's Degree College
Sunkusela Road-Kurnool
Department of statistics

Add-on course: Sequencing Theory

Hours:30

Syllabus

- Sequencing problem: Introduction and assumptions of the sequencing problem.
- Sequencing of n Jobs and one machine problem. Johnson's algorithm for n jobs and two machines problem- problems with n -jobs on two machines.
- Gantt chart algorithm for n jobs on three machines problems- problems with n -jobs on three machines, algorithm for n jobs on m machines problem.
- Problems with m -machines.
- Graphical method for two jobs on m -machines.
- Network Scheduling: Basic components of a network, nodes and arcs, events and activity- rules of network construction- time calculation in networks- critical path method and PERT

ATTENDANCE

Sl.No.	Admission No.	NAMES	1 22/6	2 23/6	3 24/6	4 25/6	5 26/6	6 27/6	7 28/6	8 29/6	9 30/6	10 1/7	11 2/7	12 3/7	13 4/7	14 5/7	15 6/7	16 7/7
1	15349	B. Shiva kumar	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2	15541	Gannela kusuma Jagwanth	a	x	x	a	a	x	a	a	a	x	x	a	a	a	x	x
3	14415	chakali Ramygh Babu	x	a	x	x	x	x	a	a	x	x	x	a	a	a	x	x
4	14430	chakali siva	a	x	x	x	x	x	x	x	x	x	a	a	x	x	x	x
5	15341	chenna Rakesh	a	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x
6	14414	chitella siva vamsi krishna	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	15247	Donthu sunil kumar	x	a	x	x	x	x	x	x	x	a	x	a	a	a	x	x
8	14826	Ediga Ashok Teja	x	x	x	a	x	x	x	a	x	x	x	x	a	a	x	x
9	15491	Ediga Gini vardhan Goud	a	x	a	a	x	x	a	x	a	x	x	x	a	a	x	x
10	15520	G. Md. Ateequr Rahman	a	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x
11	14416	K. Chowtham kumar	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	14463	Kamlay kapil kumar	x	x	x	a	x	x	x	x	x	x	x	x	a	x	x	x
13	14934	Kethi Sai vikas	x	x	x	a	x	x	x	x	x	x	x	a	a	a	x	x
14	14475	Mangali susesh	a	x	x	x	x	x	x	a	x	x	x	x	a	x	x	x
15	14276	Maraka bhargav Reddy	x	a	x	x	x	x	a	x	a	x	x	a	a	a	x	x
16	14834	Mitnala Pusma Chandu	a	x	x	x	x	x	x	x	x	x	x	a	a	a	x	x
17	14584	Mohammed saheel	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
18	15245	Mulla Mohammed Ilyas	x	x	x	x	x	x	x	x	x	x	x	a	x	a	x	x
19	14458	Nandibattini Ravan Sasendra	x	x	x	x	x	x	x	x	x	x	x	a	a	a	x	x
20	14823	R. Prakash	a	x	x	x	x	x	x	x	a	x	x	a	a	a	x	x
21	15417	S. Armeex Basha	x	x	x	x	x	x	a	x	x	x	x	x	a	a	x	x
22	14465	S. Md. Jawad	x	x	x	a	x	a	x	x	x	x	x	a	x	a	x	x
23	15472	Sezhi vardhan Goud. F	x	x	a	a	x	x	x	x	x	x	x	a	a	a	x	x
24	14822	Shaik Alimagsum	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x
25	15399	Shaik Md. Faizal	a	x	x	a	x	x	x	x	x	x	x	x	a	a	x	x
26	15400	Shaik Mohammed wasif	x	x	x	x	x	x	x	x	x	x	x	a	a	a	x	x
27	14422	Shaik Sadik Basha	x	a	a	a	x	x	a	x	x	x	x	x	a	a	x	x
28	15401	Shaik shabuddin	x	x	x	a	x	a	x	x	x	x	x	x	a	a	x	x
29	14426	Syed Masin Raza Khadri	x	a	x	x	a	x	a	x	x	x	x	a	a	a	x	x

Sl.No.	Admission No.	NAMES	1 22/6	2 23/6	3 24/6	4 25/6	5 26/6	6 27/6	7 28/6	8 29/6	9 30/6	10 1/7	11 2/7	12 3/7	13 4/7	14 5/7	15 6/7	16 7/7
1.	15231	A- Prameela.	a	x	x	x	x	x	x	x	x	x	x	x	x	a	a	x
2.	15559	A- Puthika Reddy	x	x	x	x	x	x	x	x	x	x	x	x	a	x	a	x
3.	15414	B. Meena Amrutha	x	x	a	x	x	x	x	x	x	x	x	x	a	a	a	x
4.	15413	B. Swetha	a	x	x	x	x	x	a	x	x	x	x	x	a	a	a	x
5	14478	B. Divya Sai	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x
6	14383	B. Mounika	x	x	x	x	x	x	a	x	x	a	x	a	a	a	x	x
7	15242	B. Rohini	x	x	x	x	x	a	x	x	a	x	x	a	x	a	x	x
8	15446	B. Sravani	a	a	x	a	x	x	a	x	a	a	x	x	a	a	x	x
9.	15234	B. Rachana.	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x
10	14382	Boya Sai Tyothi	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11	14575	Bugide Swathi	a	a	x	x	x	x	a	x	x	x	x	a	x	x	x	x
12	14578	Bugude Sravani	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13	14396	Chakali Eswari	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14	14486	chakali Tyothi	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
15	14576	Chapparla vedavarsbini	x	x	x	x	x	x	x	x	x	x	x	x	a	x	a	x
16	15230	D.V. Naga Madhuri	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17	15448	E. Nikitha.	x	x	a	a	a	a	a	x	x	x	x	a	a	a	x	x
18	15445	Gaddam Neeraja	x	x	x	x	x	x	a	x	x	x	x	x	a	a	x	x
19	14487	Gadipati Bhargavi	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a
20	14485	Gadipati Sai pratanna.	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x
21	14384	Golla Naga Sravanti	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x
22	14483	Gollaladdali prathysutha	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	a
23	14397	Gujjula Siva vaishnavi	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
24	15240	Gundam Kavya Reddy.	x	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x
25	14477	Gundam pravallika.	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
26	14574	Gunjapalle Ediga Ramya	x	x	x	a	x	a	x	x	x	x	x	x	x	x	x	x
27	14583	Itte Sriitha	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28	15443	K. Divya	x	x	x	x	x	x	x	x	x	x	x	x	x	a	a	x
29	15447	K. Sumithra Devi	a	x	x	a	x	x	a	x	x	x	x	x	a	a	x	x

Program photos



TEST- QUESTION PAPER

St.Joseph's Degree College

Sunkesula Road, Kurnool

Add-on course

Sub: Sequencing and theory

Time:1 Hour

Max.Marks:30

- I. Answer the following Two questions 2x5=10
1. What are the assumptions for job sequencing?
 2. What are the types of job sequencing problems?
- II. Answer the following any Two Questions 2X10=20
3. Consider the below table for jobs given with profit and deadline:

Job	J1	J2	J3	J4	J5	J6	J7	J8	J9
Profit	15	20	30	18	10	23	16	25	17
Deadline	7	2	5	3	4	5	2	7	3

- Find the Maximum profit earned?
4. If Jobs $J = (J1, J2, J3, J4)$ are given their processing time $T_i = (1, 1, 2, 3)$ and deadlines are $D_i = (3, 4, 2, 3)$ Maximum how many jobs can be done?
 5. Explain the n-jobs and K-Machines Algorithm procedure.

FEEDBACK

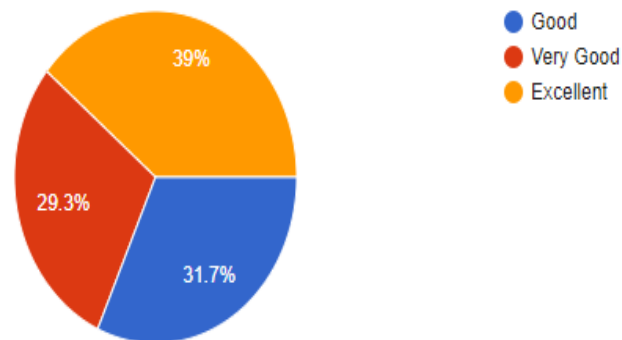
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Questions Responses **42** Settings

How satisfied are you with this course overall?

 Copy

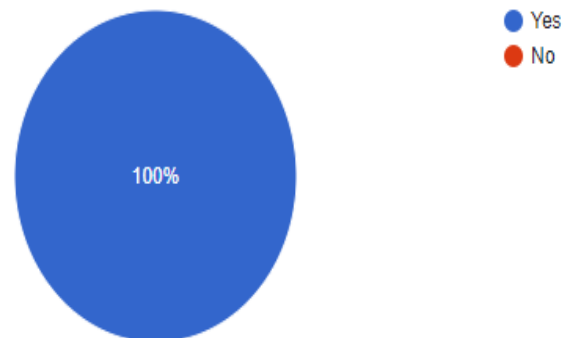
41 responses



Do you find this course really useful for you

 Copy

41 responses



How do you rate the overall learning experience of this course

 Copy


41 responses






1	A	B	C	D	E	F	G
Timestamp	Email Address	Name of the Student	Mobile No. (Whats App N	How satisfied a	Do yc How		
2	11/4/2022 12:57:57	charishmasingamsetty333@gmail.com	Singamsetty Charishma	9912211032	Good	Yes	4
3	11/4/2022 13:01:16	narlabhargavi01@gmail.com	N. Bhargavi	8639515170	Very Good	Yes	4
4	11/4/2022 13:01:50	bhanumahi1438@gmail.com	Pinjari Bhanu Bi	9949066004	Excellent	Yes	4
5	11/4/2022 13:04:23	pravallikareddy221@gmail.com	Gundam Pravallika	9381970014	Very Good	Yes	4
6	11/4/2022 13:06:50	mansashikumar@gmail.com	Sashikumar Mangali	9014997242	Good	Yes	4
7	11/4/2022 13:08:58	banalaaravind2022@gmail.com	B.Aravind Achary	9640386100	very good	Yes	5
8	11/4/2022 13:10:12	akshaysakunala@gmail.com	Akshay Kumar	6302106516	Very Good	Yes	5
9	11/4/2022 13:11:40	nagacharan6182@gmail.com	K.Naga Charan	9441133362	Excellent		1
10	11/4/2022 13:16:01	pothugantileninkumar143@gmail.com	Pothuganti Lenin kumar	7013532176	Very Good	Yes	4
11	11/4/2022 13:18:45	saiparamesh14@gmail.com	Soma Sai paramesh	9154739188	Excellent	Yes	5
12	11/4/2022 13:23:58	bogoluruchi246@gmail.com	B.Rohini	9553889943	Very Good	Yes	2
13	11/4/2022 13:33:21	kavyalatha9440@gmail.com	R.Kavya Latha	9949900745	Good	Yes	4
14	11/4/2022 13:36:38	aneeshaik0@gmail.com	S.Anees	7995467080	Very Good	Yes	4
15	11/4/2022 13:37:15	ittesirisha22009@gmail.com	ITTE SIRISHA	7601060659	Very Good	Yes	4
16	11/4/2022 14:33:03	vamsireddy0494@gmail.com	Gottipati Vamsi Reddy	7013428511	Very Good	Yes	5
17	11/4/2022 14:42:56	gowtham95055@gmail.com	G Gowtham	9505585857	Excellent	Yes	5
18	11/4/2022 14:55:44	narendrapalla0@gmail.com	Palla Narendra	7093223367	Good	Yes	1
19	11/4/2022 15:05:11	donthusunilkumar2000@gmail.com	Donthu Sunil Kumar	9030408036	Excellent	Yes	5
20	11/4/2022 15:06:35	pavankumar89195@gmail.com	K. Pavan kumar	8919533153	Excellent	Yes	5
21	11/4/2022 15:17:36	bhasker.kanchanam@gmail.com	K Bhaskar Babu	9391532787	Good	Yes	3

E-certificate



St. Joseph's Degree College

Sunkesula Raod, Kurnool - 4
sjcknl.edu.in



CERTIFICATE Of Completion

This is to certify that

N. Bhargavi


has successfully completed the

"SEQUENCING THEORY"


Add-on Course in the year 2019

ORGANISED BY

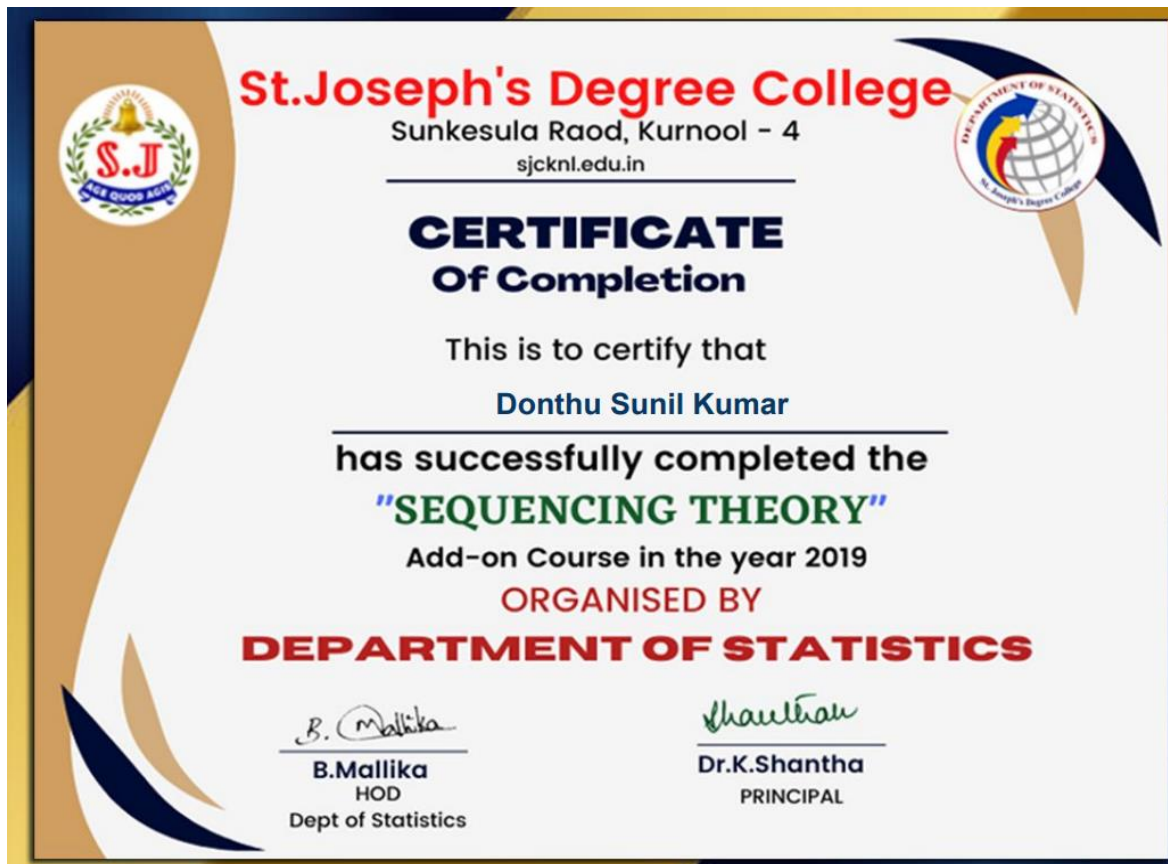
DEPARTMENT OF STATISTICS



B.Mallika
HOD
Dept of Statistics



Dr.K.Shantha
PRINCIPAL



OUTCOMES:-

1. It helps in better learning and application.
2. This technique allows students not only to practice the problems but also evaluate their own performances, self-assessment included.
3. To minimize the total elapsed time in an industry by efficient allocation of jobs to the suitable persons.