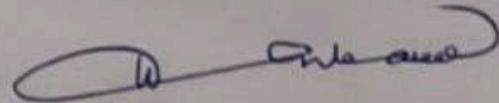
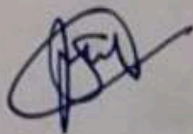
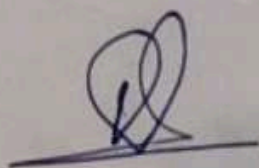


03-12-18

The department meeting has been held under the leadership of Sri N.V.S. Bhagavan on 3<sup>rd</sup> December 2018 and the following activities are resolved

- 1) Coverage of syllabus as per university calendar.
- 2) conduction of MID-I and Assignment
- 3) valuing and posting of marks in Internal Marks register
- 4) conduction of Seminars and quiz programmes.
- 5) To Conduct Certificate Courses

Inf



From  
Sri Bhagavan, In charge  
Department of Physics,  
Govt. Degree College for Men,  
Srikakulam.

To  
The Principal,  
Govt. Degree College for Men,  
Srikakulam.

Subject: Request to Introduce Certificate Course for UG -B.Sc. Students - Reg.

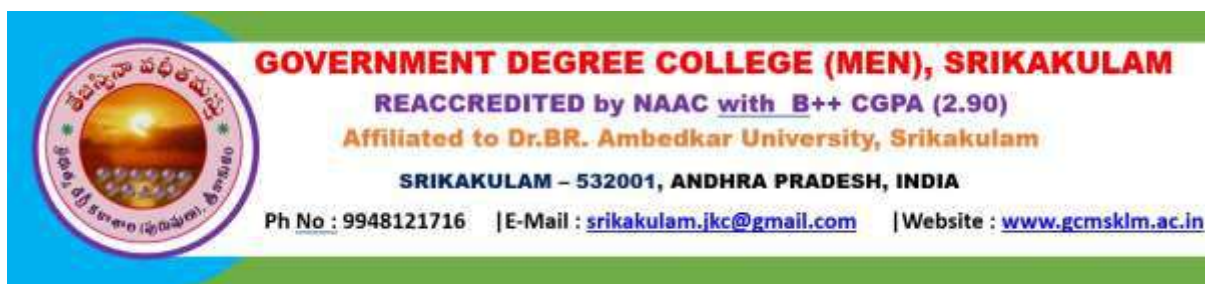
Respected Sir,

The Department of Physics in its meeting held on 03-12-2018 at Department of Physics passed a resolution to request the introduction of a certificate course on Statistical Mechanics for B.Sc. students at Govt. Degree College (Men), Srikakulam. This course will provide valuable additional knowledge, skills, and opportunities, enhancing our student's academic and career prospects. Your consideration of this request is greatly appreciated.

Thanking you Sir,



Yours Sincerely,



Dt. 09.12.2018

## Department of Physics

### Circular

This is to inform you all that Department of Physics is going to conduct Certificate Course on “Statistical Mechanics” from 12-12-2018 for 30 hours during the working days of the college in Physics Lab. The final year degree students who have the interest to join in the course are requested to give your name to Sri N.V.S. Bhagavan, In-charge Dept. of Physics, on or before 11-12-2018.

In-Charge  
Dept. of Physics

Principal

PRINCIPAL  
Govt. Degree College (Men)  
SRIKAKULAM.

# CERTIFICATE COURSE BROCHURE: 2018-19



**GOVERNMENT DEGREE COLLEGE (MEN)**

**ACCREDITED BY NAAC WITH B++ (CGPA 2.90)**

**Srikakulam - 532001, Andhra Pradesh, India**

ph: 08942 222383 e-mail: info@gdcmsklm.ac.in website: <https://www.gdcmsklm.ac.in>



## Statistical Mechanics

Offered by

**Department of Physics, Govt. Degree College for Men, Srikakulam**

**About the Course:** A certificate course in statistical mechanics for B.Sc students would typically cover fundamental concepts and techniques in statistical mechanics, which is a branch of physics and chemistry that uses probability theory to study the behaviour of large collections of particles. This course would provide B.Sc students with a solid foundation in statistical mechanics, preparing them for further study or applications in physics, chemistry, materials science, and related fields.

**Number of Credits:** Nil

**Mode of Teaching:** Offline

**Course Contents:** The course covers basic probability theory, classical and quantum statistical mechanics, thermodynamics, phase transitions, and advanced topics like fluctuations. It includes applications and hands-on components, preparing students for real-world problem-solving. Assessment is through regular evaluations and possibly a project.

**References:** 1. "Statistical Mechanics: A Set of Lectures" by Richard P. Feynman.

2. "Statistical Mechanics: A Set of Lectures" by Narayan R. Khusnood.

**Eligibility Criteria:** B.sc final year Mathematical Science students only.

**Fee Structure:** NIL

### Important Dates

- ❖ Registration start date : 03.12.2018
- ❖ Last date for registration : 11.12.2018
- ❖ Commencement of classes : 12.12.2018
- ❖ Last class work : 24.01.2019
- ❖ Date of final examination : 25.01.2019

**Paper Code: GCMPHY01**

**Admission Procedure:** Interested participants can complete the registration process through the following registration forms for the above course is available at the department of Physics. Admission process for this course is on first-come-first-serve basis and the last date for registration to the courses 11.12.2018.

**Class Duration:** Classes will be held for 30 hours starting from 12.12.2018. Every week classes will be held on Monday to Friday (except for the national holidays/festivals). Final examination will be conducted on 25.01.2019. The class timings will be 4.30–5.30 hours IST (except for the day of the final examination).

**Assessment:** Assessment will be based on completion of assignments and performance in the test conducted at the end of the course. The participant must obtain at least 50% in the test to avail the course completion certificate.

### Course Coordinator

Sri Kuna Srinivasa rao,  
Lecturer in Physics,  
Department of Physics



2-18-2019

GVBK MPE

Expt.No. :

Date :

Page No :

Expt.Name :

Sl	001	A. Siva kumar	A. Siva kumar
27	008	G. Rama krishna	G. Rama krishna
28	012	J. Ananda Rao	J. Ananda Rao
40	017	K. Venkatesh.	K. Venkatesh
41	027	P. Kotesh.	P. Kotesh
42	029	P. Kartheek.	P. Kartheek
43	030	P. Venkata sai	P. Venkata sai
44	031	P. Padmarathi	P. Padmarathi
45	032	R. Kalidasu	R. KALPDASU
46	034	S. Sivaprasad	S. Sivaprasad.
47	035	S. Sudheer	S. Sudheer
48	037	S. Aasha	S. Aasha
49	038	S. Sai	S. Sai.
50	039	R. Surya prakash.	R. Surya prakash

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20/8-21/9

Lib Bk MPLB

Expt.No. :

Date :

Page

Expt.Name :

18	001	A. Venkatesh.	A. Venkatesh
19	002	A. Sankar	A. Sankar
20	008	C. Swapna	C. Swapna
21	010	D. Bhavani	D. Bhavani
22	011	D. Hari Krishna.	D. Hari Krishna
23	014	Gr. Ganesh.	Gr. Ganesh
24	016	Gr. Usha.	Gr. Usha
25	019	J. Bala Raju.	J. Bala Raju
26	020	K. Shiva Kumar.	K. Shiva Kumar
27	021	K. Yugandhar	K. Yugandhar
28	023	K. Rajesh Kumar	K. Rajesh Kumar
29	025	K. Tejesh Kumar	K. Tejesh Kumar
30	026	K. Jayanth Kumar	K. Jayanth Kumar
31	028	M. Mahesh.	M. Mahesh
32	029	M. Veda Vathi.	M. Veda Vathi
33	030	M. Seerish	M. Seerish
34	032	N. Phamini	N. Phamini
35	033	N. Samal	N. Samal
36	034	P. Praveen Kumar.	P. Praveen Kumar



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2018-2019

III BSc (MPC)

Expt.No. :

Date :

Page No :

Expt.Name :

Sl <sup>no</sup>	Expt.No.	Expt.Name	Expt.Name
1	001	A. Preedhivi Raj (Akula)	A. Preedhivi Raj
2	003	Bairedla Sarath	B. Sarath
3	000	Chintalapedi mohan kumar	Ch. mohankumar
4	011	Gangada Mahesh	G. Mahesh
5	014	Golivi Praveen kumar	G. Praveen kumar
6	015	Gondur Satish	G. Satish
7	016	Gunna prasanna kumar	G. Prasanna kumar
8	018	Jada Shanmukha Rao	J. Shanmukha Rao
9	021	keele Joga Rao	K. JOGA RAO
10	023	k. Jagadeeswara Rao.	k. Jagadeeswara Rao
11	024	Kumhari Prasada Rao	K. Prasada Rao.
12	028	Muddada Pavan kumar	M. Pavan kumar
13	029	Nakka Prasanna kumar	N. Prasanna kumar
14	030	Neyyali Tires mala	N. Tirumala
15	031	Noupada Ramesh	N. Ramesh
16	032	Pathina Himachalam	P. Himachalam
17	035	Pyla Lokeswara Rao	P. Lokeswara Rao.

P.T.O

**GOVT. DEGREE COLLEGE(MEN), SRIKAKULAM**

**DEPT. OF PHYSICS**

**CERTIFICATE COURSE**

**STATASTICAL MECHANICS**

**Duration : 30 Hrs**

**Year : 2018-19**

## **SYLLABUS**

### **Introduction to Thermodynamics**

**8 Hrs**

Basic concepts of thermodynamics (laws of thermodynamics, internal energy, work, heat, entropy), Thermodynamic potentials (Helmholtz free energy, Gibbs free energy) and their significance

### **Microscopic Basis of Thermodynamics**

**7 Hrs**

Kinetic theory of gases (Maxwell-Boltzmann distribution, equipartition theorem), Statistical interpretation of entropy, Boltzmann factor, Boltzmann distribution

### **Classical Statistical Mechanics**

**8 Hrs**

Ensemble theory (microcanonical, canonical, grand canonical ensembles), Applications of classical statistical mechanics (ideal gas, fluctuations, phase transitions)

### **Quantum Statistical Mechanics**

**7 Hrs**

Quantum statistical ensembles (Fermi-Dirac, Bose-Einstein distributions), Applications of quantum statistical mechanics (blackbody radiation, Bose-Einstein condensation)



**MODEL PAPER FOR CERTIFICATE COURSE**

**DEPARTMENT OF PHYSICS**

**COURSE CODE: **GDCMPHY01****

**(CROSS CUTTING ISSUES IN NUCLEAR ENERGY)**

**MAX.MARKS:75**

**TIME: 03HOURS**

---

**SECTION-I**

Answer all questions  
( Multiple Choice Questions )

5x1=5 Marks

- 1.
- 2.
- 3.
- 4.
- 5.

**SECTION-II**

Answer any of the four questions.  
(Short Answer Questions)

4x5=20 Marks

- 6.
- 7.
- 8.
- 9.
- 10.

**SECTION-III**

Answer any of the three questions.  
(Long Answer Questions)

3x10=30 Marks

- 11.
- 12.
- 13.
- 14.

**SECTION-IV**

Answer any of the three questions.  
(Problem-Solving Questions)

3x5=15 Marks

- 15.
- 16.
- 17.

18.

19.

**GOVT.DEGREE COLLEGE (MEN)-SRIKAKULAM**  
**CERTIFICATE COURSE EXAM PAPER**  
**(Statistical Mechanics)**

**MAX.MARKS:75**

**TIME: 3Hrs**

---

**SECTION-I**

Answer all questions  
(Multiple Choice Questions)

5x1=5 Marks

1. Which of the following laws of thermodynamics states that the entropy of a system tends to increase over time?

- a) Zeroth law
- b) First law
- c) Second law
- d) Third law

2. The Helmholtz free energy is defined as:

- a)  $F = U - TS$
- b)  $F = U + TS$
- c)  $F = H - TS$
- d)  $F = H + TS$

3. The Maxwell-Boltzmann distribution describes the:

- a) Distribution of velocities of particles in an ideal gas.
- b) Distribution of energies of particles in an ideal gas.
- c) Distribution of positions of particles in an ideal gas.
- d) Distribution of masses of particles in an ideal gas.

4. Which ensemble is associated with constant volume, energy, and number of particles?

- a) Microcanonical ensemble
- b) Canonical ensemble
- c) Grand canonical ensemble
- d) Isothermal ensemble

5. The Fermi-Dirac distribution describes the distribution of:

- a) Photons
- b) Electrons
- c) Bosons
- d) Neutrons

## SECTION-II

Answer any of the four questions.  
(Short Answer Questions)

4x5=20 Marks

6. Define entropy and explain its significance in thermodynamics.
7. State and explain the third law of thermodynamics.
8. Derive the expression for the Gibbs free energy.
9. Explain the concept of equipartition theorem.
10. Discuss the conditions for the phase transition in a system.

## SECTION-III

Answer any of the three questions.  
(Long Answer Questions)

3x10=30 Marks

11. Discuss the postulates of the kinetic theory of gases. Derive the Maxwell-Boltzmann distribution.
12. Explain the micro canonical ensemble and derive the expression for entropy in terms of the micro canonical ensemble.
13. Describe the Fermi-Dirac distribution and its significance in quantum statistical mechanics.
14. Discuss the concept of phase transitions in detail, including the types of phase transitions and the role of statistical mechanics in their understanding.

## SECTION-IV

Answer any of the three questions.  
(Problem-Solving Questions)

3x5=15 Marks

15. A system undergoes an isothermal process at 300 K. If the change in Helmholtz free energy is -500 J, calculate the change in entropy.
16. Consider an ideal gas consisting of  $N$  particles. If the particles are distributed among energy levels according to the Maxwell-Boltzmann distribution, derive the expression for the average energy of a particle.
17. A system undergoes a phase transition from liquid to gas at constant temperature and pressure. Discuss the changes in entropy and Gibbs free energy during this process.
18. Calculate the Fermi energy for a system of electrons at absolute zero temperature with a density of states proportional to the square root of energy.
19. Using the canonical ensemble, derive the expression for the partition function of a system consisting of  $N$  non-interacting particles.



Certificate course: physics

## REGISTER OF ATTENDANCE

2018-2019

## FOR THE MONTH OF 20

Class

Section

Sl. No.	Admission No.	NAME	CASTE	1	2	3	4	5	6	7	8	9	10	11
1	001	A. pradhivi Rai (Akula)		P	/	P	/	P	/	P	/	P	/	A
2	003	Rairiedla, Sathath		P	/	P	/	A	/	P	/	P	/	P
3	010	chintalapudi mahankumar		P	/	P	/	P	/	A	/	P	/	P
4	011	Gangada, Mahesh		P	/	P	/	P	A	P	/	P	/	P
5	014	Golivi, prasanna kumar		P	A	P	/	P	/	P	A	P	/	P
6	015	Gandur, Satish		P	/	P	/	P	/	P	/	P	/	A
7	016	Gurra, prasanna kumar		A	/	P	/	P	/	P	A	P	/	P
8	018	Jada, Shanmukha Rao		P	/	P	/	A	/	P	/	P	/	P
9	021	keelu, Joga Rao		P	/	P	/	A	/	P	A	P	/	P
10	023	K. Jagadeeswara Rao		P	/	P	/	P	/	A	/	P	/	A
11	024	kummari, prasada Rao		P	/	P	/	P	/	P	/	A	/	P
12	028	Muddala, pavan kumar		P	/	P	/	P	/	P	/	P	/	P
13	029	Nakke, prasanna kumar		P	/	A	/	P	/	P	/	P	/	A
14	020	Nayyali, Tirumala Rao		A	/	P	A	P	/	P	/	P	/	P
15	031	Naypala, Ramesh		P	/	P	/	A	/	P	/	P	/	P
16	031	Pathina, Himachalam		P	/	P	/	P	/	P	/	P	/	P
17	035	Pyla, Lokeshwara Rao		P	/	P	/	P	A	P	A	P	/	A
18				P	/	P	/	P	/	P	/	P	/	P

[illegible]

Certificate course: physics

2018-2019

## REGISTER OF ATTENDANCE

FOR THE MONTH OF \_\_\_\_\_ 20\_\_

1600142

MPCS -

Name of the Institute\_\_\_\_\_

Sl. No.	Admission No.	NAME	CASTE	1	2	3	4	5	6	7	8	9	10	11
1	001	A. Venkatesh		a	/	/	a	p	/	/	a	p	p	/
2	002	A. Sankar		/	/	/	/	a	/	/	p	a	p	a
3	008	C. Swapna		/	a	/	/	p	/	/	a	p	a	/
4	010	D. Bhavani		/	/	/	a	p	/	/	a	p	a	/
5	011	D. Hanikaishona		/	/	a	/	p	/	/	p	a	p	/
6	014	G. Ganesh		a	/	/	/	a	/	/	a	p	a	a
7	016	G. usha		/	/	/	/	p	p	/	p	p	p	/
8	019	J. Dala Kavee		/	/	/	/	p	/	/	p	p	p	/
9	020	K. Shiva Kumar		/	/	/	a	p	/	/	p	p	a	/
10	021	K. Yugandhan		/	/	/	/	p	a	/	a	p	p	/
11	023	K. Rajasekhar		/	/	/	/	a	/	/	p	p	p	/
12	025	K. Telesh Kumar		a	/	/	a	p	/	/	a	p	p	a
13	026	K. Jayanthi Kumar		/	/	a	/	p	a	/	a	a	p	/
14	028	M. Mahesh		/	a	/	/	p	/	/	p	p	p	/
15	029	M. Veda Vathi		/	/	/	a	p	/	/	p	p	a	/
16	030	M. Suresh		/	a	/	/	p	/	/	a	a	p	a
17	032	N. Dhanani		a	/	/	/	a	p	/	p	p	p	/
18	033	N. samal		/	/	a	/	p	a	/	p	a	p	a
19	034	P. Praveen Kumar		a	a	/	/	a	/	/	a	p	a	a

Class												Section											
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	P			
/	p	a	p	/	p	p	/	/	p	p	p	p	/	p	p	p	a						
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/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
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/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
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/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
a	p	p	p	/	p	p	/	p	p	p	p	p	/	p	p	p	p						
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a				
/	a	p	p	/	p	a	/	a	p	p	p	p	a	p	p	a	p	p	a</				



Certificate Course: PHYSICS

2018-2019

# REGISTER OF ATTENDANCE

FOR THE MONTH OF

20

1600143

MPE

Name of the Institute

Class

Section

Sl. No.	Admission No.	NAME	CASTE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Pr		
1	001	A. Siva Kumar		/	a	/	/	p	/	a	p	p	a	/	/	p	p	/	p	/	a	/	p	p	a	p	a	p	p	p	p	p	p	p	p	p	
2	008	G. Rama Krishna		a	/	/	/	p	/	/	a	p	p	a	/	p	p	/	a	p	/	/	/	p	p	a	/	p	p	p	p	p	p	p	p	p	
3	012	J. Anandha Rao		/	/	/	/	/	/	/	p	a	a	/	/	a	p	/	p	/	a	/	/	p	p	/	p	p	p	p	p	p	p	p	p	p	
4	017	K. Venkatesh		/	/	a	/	/	/	/	p	p	p	/	/	p	a	/	p	/	/	/	/	p	p	/	p	p	p	p	p	p	p	p	p	p	
5	021	P. Kotesw		a	/	/	/	a	/	/	p	a	p	/	/	p	p	/	p	/	/	/	/	p	p	/	p	p	p	p	p	p	p	p	p	p	
6	029	p. Karthick		/	/	/	/	p	/	/	p	p	p	/	/	p	p	/	p	/	/	/	/	a	p	a	p	a	p	p	p	p	p	p	p	p	
7	030	P. Venkata Sai		/	a	/	/	p	/	/	p	p	p	a	/	a	p	p	/	p	/	/	/	a	p	p	p	p	p	p	p	p	p	p	p	p	
8	031	P. Padma Valli		/	a	/	/	p	a	/	p	a	p	/	/	p	a	/	p	/	/	/	/	p	p	a	/	p	a	/	p	a	p	p	p	p	
9	032	N. Kalidass		/	/	a	/	p	/	a	p	p	p	/	/	a	p	/	a	/	/	/	/	a	p	p	/	p	p	p	p	p	p	p	p	p	
10	034	S. Sivaprasad		/	/	/	a	p	/	/	p	p	a	/	/	p	a	/	p	/	/	/	/	p	p	p	a	/	a	p	p	p	p	p	p	p	
11	035	S. Sudheer		/	/	/	/	p	/	/	p	p	p	/	/	a	p	/	p	/	/	/	/	a	p	p	/	p	p	p	p	p	p	p	p	p	
12	037	S. Asha		a	p	/	/	a	/	/	p	p	a	/	/	p	p	/	a	p	a	/	/	p	p	p	a	/	p	p	p	p	p	p	p	p	
13	038	S. Sai		/	/	/	a	p	/	/	p	a	p	/	/	p	a	/	p	/	/	/	/	p	p	p	/	p	a	p	p	p	p	p	p	p	
14	039	A. Surya Prakash		/	/	/	/	p	/	/	a	p	p	/	/	p	p	/	p	/	/	/	/	a	p	p	p	/	p	a	p	p	p	p	p	p	p
				K. S																																	





# Government Degree College (M), Srikakulam

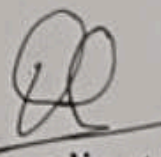


## Consolidated Feedback

Total no. of Participants = 50

No. of participants from whom feedback is collected = 50

S.No		No. of participants graded "Yes"		No. of participants graded "No"		
1	Did the event fulfill subjective	50				
2		No. of participants graded - 1	No. of participants graded - 2	No. of participants graded - 3	No. of participants graded - 4	No. of participants graded - 5
3	How useful was the event for you				20	30
4	Rate the overall success of the event				22	28
5	Key take away points from the event	Very Useful Explanation NB, BE & TO statics				
6	Suggestions if any					

  
Coordinator



# Government Degree College (M), Srikakulam



## Feedback

Name of the Certificate Course	Statistical Mechanics
Department	Physics
Date	10.01.2019
Name of the participant	K. Joga Rao
Group	M.P.C

1. Did the event fulfill objectives?

Yes/No

2. How useful was the event for you? (0 being Not useful and 5 Most useful)

0	1	2	3	4	5 ✓
---	---	---	---	---	-----

3. Rate the overall success of the course (0 being Not useful and 5 Most useful)

0	1	2	3	4 ✓	5
---	---	---	---	-----	---

4. List the key takeaway points from the events.

It was very useful

5. Suggestions if any

9 —

K. Joga Rao  
Signature of the participant



## Government Degree College(M), Srikakulam



### Feedback

Name of the Certificate Course	Statistical Mechanics
Department	Physics
Date	10.01.2019
Name of the participant	G. Mahesh
Group	MPC

1. Did the event fulfil its objectives?

✓  
Yes/No

2. How useful was the event for you? (0 being Not useful and 5 Most useful)

0	1	2	3	4	5 ✓
---	---	---	---	---	-----

3. Rate the overall success of the course (0 being Not useful and 5 Most useful)

0	1	2	3	4 ✓	5
---	---	---	---	-----	---

4. List the key takeaway points from the events.

It was very useful.

5. Suggestions if any

-

G. Mahesh  
Signature of the Participant





# Government Degree College (M), Srikakulam



## Feedback

Name of the Certificate Course	Statistical Mechanics
Department	Physics
Date	10.01.2019
Name of the participant	G. Usha
Group	M.P.CS

1. Did the event fulfilit' sobjectives?

✓  
Yes/No

2. Howusefulwas theevent foryou?(0being Not usefuland 5 Mostuseful)

0	1	2	3	4 ✓	5
---	---	---	---	-----	---

3. Ratetheoverallsuccessofthecourse(0being Notuseful and 5Most useful)

0	1	2	3	4 ✓	5
---	---	---	---	-----	---

4. Listthekeytakeaway pointsfromtheevents.

It was Very usefull

5. Suggestionsif any

—

G. Usha  
SignatureoftheParticipant



# Government Degree College (M), Srikakulam



## Feedback

Name of the Certificate Course	Statistical Mechanics
Department	Physics
Date	10.01.2019
Name of the participant	A. SHANKAR.
Group	M.P.CS

1. Did the event fulfil its objectives?

✓  
Yes/No

2. How useful was the event for you? (0 being Not useful and 5 Most useful)

0	1	2	3	4	✓	5
---	---	---	---	---	---	---

3. Rate the overall success of the course (0 being Not useful and 5 Most useful)

0	1	2	3	4	5	✓
---	---	---	---	---	---	---

4. List the key takeaway points from the events.

4 MB, FD and BE maxwell's Boltzmann statistics

5. Suggestions if any

continuous this course to our Juniors.

A. Shankar  
Signature of the Participant



# Government Degree College (M), Srikakulam



## Feedback

Name of the Certificate Course	Statistical Mechanics
Department	Physics
Date	10.01.2019
Name of the participant	S. ASHA
Group	MPE

1. Did the event fulfil its objectives?

✓  
Yes/No

2. How useful was the event for you? (0 being Not useful and 5 Most useful)

0	1	2	3	4	5
---	---	---	---	---	---

3. Rate the overall success of the course (0 being Not useful and 5 Most useful)

0	1	2	3	4	5
---	---	---	---	---	---

4. List the key takeaway points from the events.

I was successfully learned Distugwised B/w  
fermeons, Bosons.

5. Suggestions if any

It was continuous this Juniors.

S. Asha  
Signature of the Participant





# GOVT. DEGREE COLLEGE (MEN)

Srikakulam, Andhra Pradesh, India-532001

(Accredited by NAAC B++ (CGPA:2.90))

(Affiliated to Dr.BRAU, Srikakulam)



## Certificate Course on STATISTICAL MECHANICS

This is to certify that Kum./Mr. **A PRUDHVI RAJ**, **III B.Sc. (MPC)**, **Govt. Degree College (Men), Srikakulam** got registered himself/herself for the Certificate Course on STATISTICAL MECHANICS, organized by the **Department of Physics** and completed the course programme during from **12-12-2018 to 10-01-2019**. Her/His performance is credited with "**A**" Grade.

Sri K. Srinivasa Rao

Course Coordinator

Sri N.V.S. Bhagavan

Incharge Dept. of Physics

Dr. M. Babu Rao

Principal



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Course Coordinator

Sri N.V.S. Bhagavan

Incharge Dept. of Physics

Dr. M. Babu Rao

Principal



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Course Coordinator

Sri N.V.S. Bhagavan

Incharge Dept. of Physics

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(Accredited by NAAC B++ (CGPA:2.90))

(Affiliated to Dr.BRAU, Srikakulam)



## Certificate Course on STATISTICAL MECHANICS

This is to certify that Kum./Mr. **S ASHA** , **III B.Sc. (MPE)**, **Govt. Degree College (Men), Srikakulam** got registered himself/herself for the Certificate Course on STATISTICAL MECHANICS, organized by the **Department of Physics** and completed the course programme during from **12-12-2018 to 10-01-2019**. Her/His performance is credited with "**A**" Grade.

Sri K. Srinivasa Rao

Course Coordinator

Sri N.V.S. Bhagavan

Incharge Dept. of Physics

Dr. M. Babu Rao

Principal



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