SIR C R REDDY COLLEGE FOR WOMEN

(Affiliated to AdikaviNannaya University,

PG ENTRANCE COACHING

For

M.Sc., (PHYSICS)

Date: 01-Aug-2020To30-Aug-2020

Time: 9:30 am to 12:30 Pm

Organized by

CAREER GUIDANCE & PLACEMENT CELL

2019-2020

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About Programme

The Career Guidance and Placement Cell at Sir CR Reddy College for Women organized PG entrance coaching classes for NANNAYACET 2020 in Commerce, Mathematics, Physics, Chemistry, and Life Sciences. These classes were conducted by senior faculty members who specialize in the respective subjects at the college.

Program: PG Entrance Coaching for Subject

Subjects Covered:

- M.Com (Commerce)
- M.Sc. (Mathematics, Physics, Chemistry, Life Sciences)

Target Audience:

- III B.Com and B.Sc. students aspiring for postgraduate studies (M.Sc.)

Duration:

- August1st, 2020, to Aug30th, 2020 (30 days)

Time:

9:30 AM to 12:30 PM (Morning sessions)

Resource Persons:

Mrs.k.Sirisha (HOD),and Ch.Anitha

Organized By:

- Career Guidance and Placement Cell at Sir CR Reddy College for Women

Program Overview:

- Specifically designed coaching program focusing on NANNAYACET 2020 for M.Sc. aspirants.
- Conducted by seasoned faculty members from Sir CR Reddy College, each specializing in PHYSICS.
- Comprehensive curriculum comprising subject-specific lectures, problem-solving sessions, practice tests, and exam strategy workshops.
- Tailored content to acquaint students with the NANNAYACET exam pattern, syllabi, and effective preparation methodologies.

Benefits for III B.Sc. Students:

- Early guidance and preparation assistance for M.Sc. entrance exams.
- Exposure to exam patterns, aiding in better preparedness.
- Access to experienced faculty for subject-specific guidance and doubt resolution.
- Enhanced readiness for M.Sc. studies by initiating preparation in advance.This coaching program aims to support B.Sc. students in their aspirations for pursuing postgraduate studies by providing structured coaching specifically aligned with the requirements of the NANNAYACET 2020 examination.

Learning Objectives and Learning Outcomes

Learning Objectives:

1. Subject Mastery: To facilitate a comprehensive understanding of the core concepts and subject-specific knowledge required for M.Sc. entrance exams.
2. Exam Familiarity: To familiarize students with the exam pattern, question types, and syllabi specific to NANNAYACET 2020.
3. Problem-Solving Skills: To enhance problem-solving abilities and critical thinking necessary to tackle complex questions in the entrance exams.
4. Time Management: To equip students with effective time management strategies for the exam and optimize their performance within the stipulated time frame.
5. Exam Strategy: To provide guidance on effective exam strategies, including question selection, prioritization, and efficient answering techniques.

Expected Outcomes:

1. Strong Foundation: Students are expected to build a strong foundational understanding of their respective subjects, providing a basis for advanced studies.
2. Improved Performance: Enhanced problem-solving skills and a better grasp of exam patterns can result in improved performance in mock tests and the actual entrance exam.
3. Confidence: Through regular practice and guidance, students are likely to gain confidence in handling diverse questions and scenarios during the examination.
4. Effective Preparation: Students should be better prepared to face the challenges of the entrance exams by utilizing learned strategies and subject-specific knowledge.
5. Readiness for Postgraduate Studies: The coaching program aims to prepare students adequately for the rigors of postgraduate studies in their chosen fields.

Permission Letter

Permission Letter

26-07-2020
Eluru

To
The Principal
Sir C.R.Reddy College for Women
Eluru

Subject: Request to grant permission to conduct P.G Entrance test Coaching Classes to final year students.

This is to bring to your kind notice that, Career Guidance and Placement Cell is planning to conduct P.G Entrance test Coaching Classes for interested III B.Sc/B.Com students specializing life Sciences, Mathematics, Physics, Chemistry, Commerce .

The coaching classes aim is to provide additional support and guidance to our ambitious students who aspire to excel in their respective fields and we believe that providing coaching classes with in our college will not only benefit our students but also contribute to the overall academic excellence of our institution. These classes will be conducted for about 30 days i.e., from 1St August 2020 to 30th August 2020. The duration of these classes will be from 9:30 am to 12:30 pm. I kindly request your approval for this initiative, as it aligns with our commitment to fostering academic excellence and preparing our students for successful futures.

Thanking you Madam,

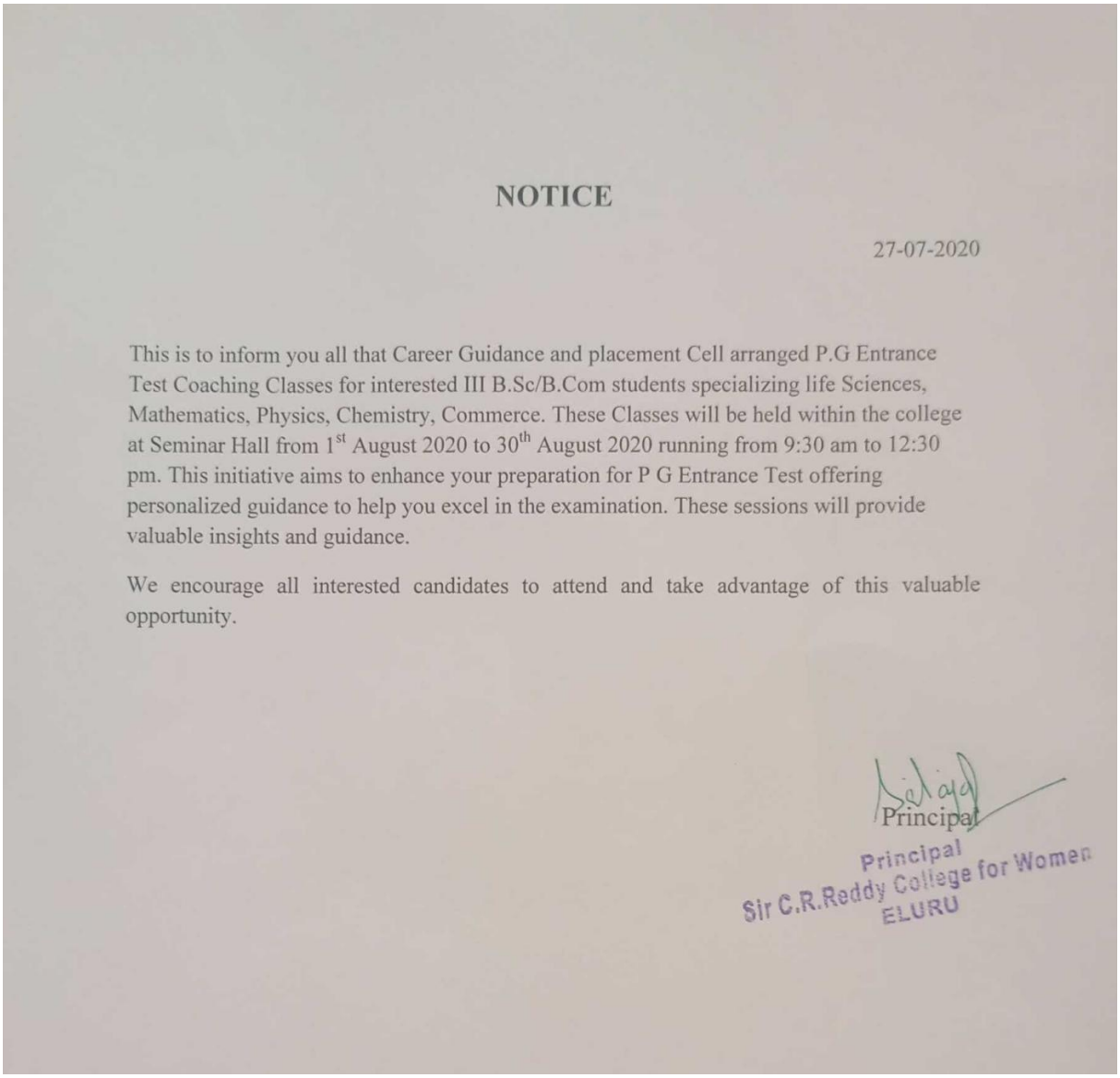
Permitted

Principal
Sir C.R.Reddy College for Women
ELURU

Yours Faithfully,

(Coordinator)
Career Guidance and Placement Cell

Notice to Students



NOTICE

27-07-2020

This is to inform you all that Career Guidance and placement Cell arranged P.G Entrance Test Coaching Classes for interested III B.Sc/B.Com students specializing life Sciences, Mathematics, Physics, Chemistry, Commerce. These Classes will be held within the college at Seminar Hall from 1st August 2020 to 30th August 2020 running from 9:30 am to 12:30 pm. This initiative aims to enhance your preparation for P G Entrance Test offering personalized guidance to help you excel in the examination. These sessions will provide valuable insights and guidance.

We encourage all interested candidates to attend and take advantage of this valuable opportunity.

Principal

Principal
Sir C.R.Reddy College for Women
ELURU

Course Structure

1. Thermodynamics

2. Low temperature physics

3. Quantum theory of radiation

4. Mechanics& oscillations

5. Vectors

6. Optics

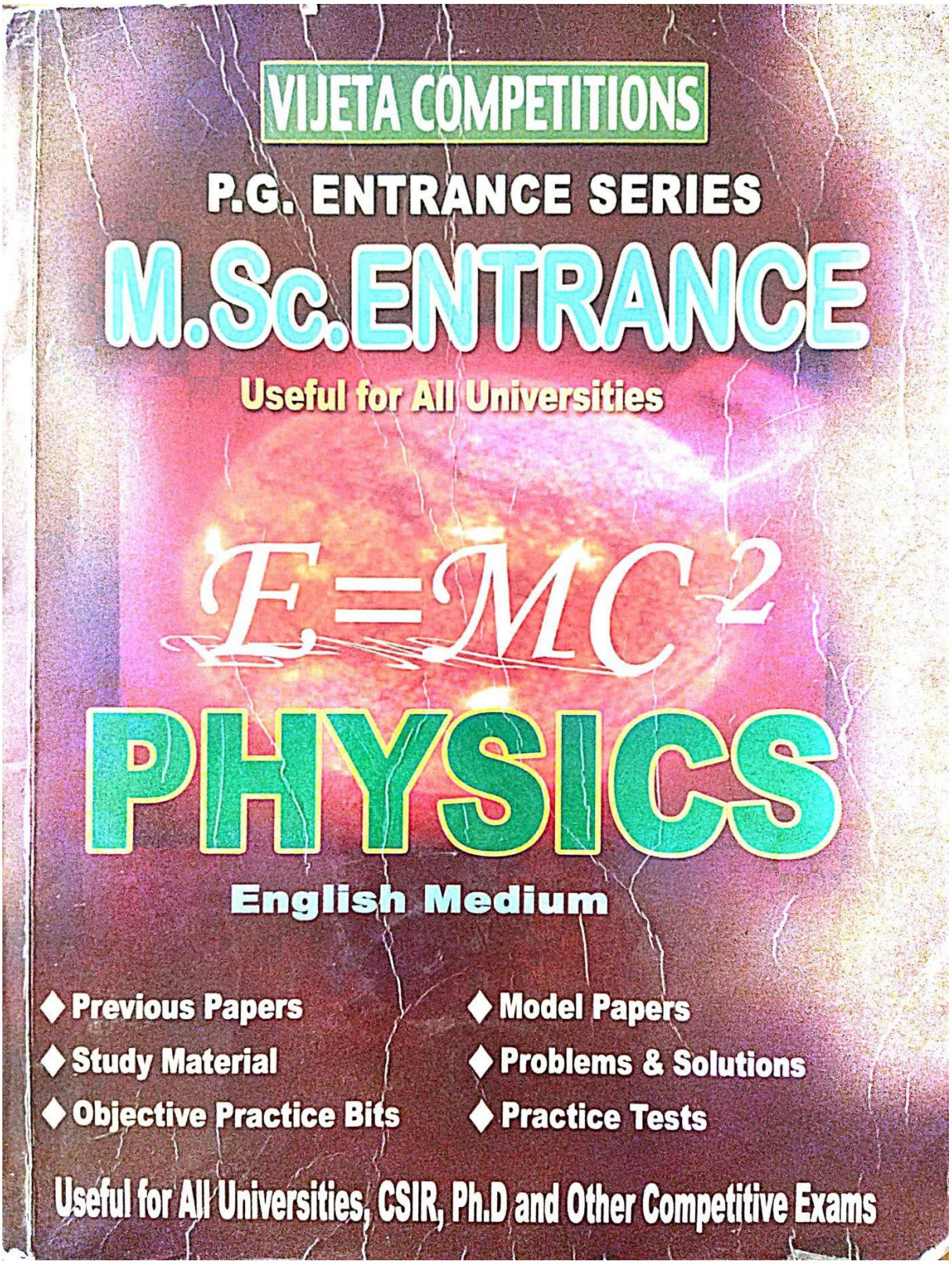
7. Electricity and Magnetism

8. Modern physics and Electronics

9. Fluid mechanics

10. Speciasl theory of relativity

Course Material



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1.5. FLUID DYNAMICS

STUDY MATERIAL

★ The fluids can be divided into two parts depends on pressure.

1. **Liquids:** which are incompressible (volume can't change)
2. **Gases:** which are compressible (volume can change)

★ **Characteristics of fluids:**

1. Fluids can flow may be steady or non-steady.
2. Fluids flow may be rotational or inrotational.
3. Fluids flow may be compressible or incompressible.
4. Fluids flow may be viscous and nonviscous.

★ **Stream line flow:** The fluid flow is such that velocity at any point of every particle is constant in time, the flow is known as steady or stream line flow.

★ **Turbulent flow:** The flow of fluid in which velocity of all particles crossing a given point is not same and becomes disorderly or irregular, is called turbulent flow.

★ **Viscosity:** The property of a fluid by virtue of which an opposing force comes into play whenever there is a relative flow between the different layers of the fluid or liquid is called viscosity.

★ **Coefficient of Viscosity:** Coefficient of viscosity of a liquid is defined as the viscous drag acting per unit area of the layer having unit velocity gradient perpendicular to the direction of the flow.

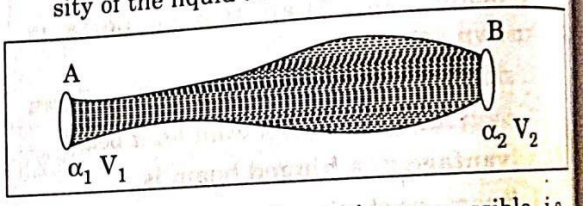
It is denoted by $\eta = {}^{F}/_{A}\frac{dV}{dn}$

Applications: Viscosity of various liquids and gases have the following applications.

1. Liquids at high viscosity are used in shock absorbers and buffers at railway stations.
2. Used to damp the motion at some instruments.
3. Used in determining the molecular weight and shape of the organic molecules.
4. Lubricants (different) are made depending upon season.

★ **Equation of continuity:** The velocity of the fluid is inversely proportional to the area of cross section i.e., larger is the cross sectional area smaller would be the velocity of flow and vice-versa.

Let α_1, V_1, and ρ_1 be the area of cross section of the tube, velocity of flow of the liquid particles and density of the liquid at point A, similarly α_2, V_2 and ρ_2 be the of cross section of the tube, velocity of flow of the liquid particles and density of the liquid at the point B.



★ The flow is steady or incompressible i.e., $\rho_1=\rho_2=\rho$. Therefore $\alpha_1 V_1 \rho_1 = \alpha_2 V_2 \rho_2$

αV= constant

Differential form of equation of continuity:

$\nabla.\vec{V}=0$

$\left[\vec{\nabla}=i\frac{d}{dx}+j\frac{d}{dy}+k\frac{d}{dz} \text{ and } \vec{V}=iV_x+jV_y+kV_z\right]$

The statement of equation of continuity for an incompressible fluid flow.

BERNOULLI'S THEOREM

★ When an incompressible and non-viscous fluid-flow in stream lined motion from one place to another, then at every point of its path.

The total energy per unit volume is constant.

Pressure energy + kinetic energy + potential energy = constant.

$\rho+\frac{1}{2}\rho V^2 + \rho gh = \text{constant}.$

under low pressure, the tubes and fins get cooled

★ **Applications of low temperature:**

1. Production of high Vacuum
2. Separation of constituents of air.
3. Vapourisation calorimeters.
4. O_2 and N_2 are being produced from liquid air
5. It is also used in manufacturing explosives
6. The liquid O_2 is stored up in cylinders for artificial respiration.

PROBLEMS & SOLUTIONS

1. A refrigerator works under a irreversible cycle between the temperatures 300k and 400K. Calculate i) the thermal efficiency ii) the coefficient of performance.

Sol: i. Thermal efficiency $\eta = 1 - \frac{T_2}{T_1} = 1 - \frac{300}{400}$

$= 0.25$ or 25%

ii. The coefficient of performance,

$$\beta = \frac{\theta_2}{W} = \frac{T_2}{T_1 - T_2} = \frac{300}{400 - 300} = 3$$

2. For one mole of hydrogen, the Vander Waal's constants a=0.245 $\frac{Lt^2 \times atoms}{mole^2}$; b=2.67× 10⁻² lt mole⁻¹, calculate its temperature of inversion. R = 2 cal/mole K

Sol: The temperature of inversion T_i is

$$T_i = \frac{2a}{Rb}$$

$$T_i = \frac{2 \times 0.245 \times 10^{12}}{2 \times 4.2 \times 10^7 \times 26.7} = 220 \text{ K}$$

OBJECTIVE BITS

1. In the porous plug experiment, the temperature of the gas increases after throttling. The correct range for the initial temperature of the gas for this to happen is

1. Critical temperature to Boyle's temperature
2. Boiling temperature to critical temperature
3. Below inversion temperature
4. (2) and (3)

2. The equation $\left(\frac{dP}{dT}\right)_g = \frac{S}{V}$, where P is pressure, S is specific entropy of liquid helium and V is specific volume, is known as

1. Joule – Thomson effect equation
2. Joule – Kelvin effect equation
3. Fountain effect equation
4. (1) & (2)

3. Cooling is possible when

1. $T_i = \frac{2a}{2b}$
2. $T_i > \frac{2a}{Rb}$
3. $T_i < \frac{2a}{Rb}$
4. $T_i \leq \frac{2a}{2b}$

4. Joule-Thomson cooling is

1. Temperature independent
2. Temperature dependent
3. Inversely proportional to molecular weight
4. Dependent on the total mass of gas

5. The Clapeyron's equation $\frac{L}{V_2 - V_1} = T\left(\frac{dP}{dT}\right)$, can be derived from

1. $\left(\frac{dS}{dV}\right)_T = \left(\frac{dP}{dT}\right)_V$
2. $\left(\frac{dP}{dV}\right)_T = \left(\frac{dP}{dT}\right)_V \left(\frac{dT}{dV}\right)_P$
3. $\left(\frac{dC_p}{dP}\right)_T = -T\left(\frac{dv}{dT^2}\right)$
4. None of the above

6. The following processes are used for cooling

1. Evaporation
2. Adiabatic demagnetization
3. Adiabatic expansion compressed gas
4. (2) & (3) only

7. The dimensions of the constant b in Vander waal's gas equation are that of

1. Volume
2. Pressure
3. Volume × Pressure
4. Volume / Pressure

8. According to Vander Waal's gas equation critical co-efficient $\frac{R T_c}{P_c V_c}$ is equal to

1. 1
2. 8/3
3. 8
4. 3:1

★ Sum of the static and dynamic pressure is constant. i.e., $P + \frac{1}{2}PV^2 = \text{constant}$; $\frac{1}{2}PV^2$ is constant.

★ **Applications:**

1. Lift of an airfoil
2. The sprayer
3. Spinning of a ball
4. Bunsen burner
5. Pitot tube
6. carburettor
7. Vacuum brake
8. Venturimeter
9. Torricelli's theorem

TORRICELLI'S THEOREM

★ The velocity of efflux of a liquid through an orifice is equal to that which a body would acquire in falling freely from the free surface of liquid to the orifice.

According to Bernoulli's theorem.

The sum of the pressure and the total energy per unit volume of the liquid must be the same at the free surface and at every point of the orifice.

$\Rightarrow P+0+PgH = P+{}^1/_2PV^2+Pg(H-h)$

$\Rightarrow {}^1/_2PV^2 = Pgh$

$\Rightarrow V = \sqrt{2gh}$

★ The rate of flow of water through circular orifice is $0.62\, a\sqrt{2gh}$. Where 'a' is area of cross section.

★ **Pitot tube:** To determine the velocity of flow of the liquid in tube, rivers and streams etc., it is measured by using $V=\sqrt{2gh}$, where 'h' is the height difference between arms of pitot tube and 'g' is acceleration due to gravity.

Venturimeter: Venturimeter is a guage put on a flow pipe to measure the rate of flow of a liquid through a pipe. According to Bernoulli's theorem, velocity of flow of liquid at point A is

$$V_1 = \left[\frac{2A_2^2(P_1-P_2)}{P(A_1^2-A_2^2)}\right]^{\frac{1}{2}} \text{ and}$$

Velocity of flow of liquid at point B is

$$V_2 = \left[\frac{2A_2^2(P_1-P_2)}{P(A_1^2-A_2^2)}\right]^{\frac{1}{2}}$$

PROBLEMS & SOLUTIONS

1. Water enters a horizontal pipe of non-uniform cross-section with a velocity of 0.4 m/s and leaves the other end with a velocity of 0.6 m/s, pressure of water at the first end is 1500 N/m^2. Then calculate the pressure of water at other end.

Sol: The horizontal flow of liquid.

$$P_1 + \frac{1}{2}\rho V_1^2 = P_2 + 1/2\,\rho V_2^2$$

$$P_2 = P_1 + \frac{1}{2}\rho(V_1^2 - V_2^2)$$

Where, $P_1 = 1500$, $V_1 = 0.4$, $V_2 = 0.6$

$$P_2 = 1500 + \frac{1}{2}\times 10^3 \times (0.16 - 0.36)$$

$$P_2 = 1500 - 100 = 1400$$

$P_2 = 1400$ N/m^2

2. A bent tube is lowered into a water stream. The velocity of the stream relative to the tube is equal to V = 2.5 m/s. The closed upper end of the tube located at the height h_o = 12 cm has a small orifice. To what height h will be the water jet spurt.

Sol: The K.E at the lower end is converted into pressure and again pressure energy converted into K.E.

$$\frac{1}{2}\rho V^2 = h_o\rho g + \rho(V^1)^2$$

$$\therefore V^1 = \sqrt{\frac{[\rho V^2 - 2h_o\rho g]}{\rho}}$$

$$\text{or } V^1 = \left[V^2 - 2gh_o\right]^{1/2} \quad \ldots\ldots (1)$$

$$h = \frac{(V^1)^2}{2g} \quad \ldots\ldots (2)$$

From (1) and (2) then we get

$$h = \frac{(V^1)^2}{2g} - h_o \quad \ldots\ldots (3)$$

$$h = \frac{(2.5)^2}{2\times 9.8} - 0.12$$

$h = 0.20$ m

9. Joule–Thomson co-efficient is given by

1. $\mu = \frac{1}{C_p}\left[T\left(\frac{dV}{dP}\right)_T - V\right]$

2. $\mu = \frac{1}{C_p}\left[T\left(\frac{dV}{dT}\right)_P + V\right]$

3. $\mu = \frac{1}{C_p}\left[T\left(\frac{dV}{dT}\right)_P - V\right]$

4. $\mu = J\,C_p\left[T\left(\frac{dV}{dT}\right) - V\right]$

10. **The Vanderwaal's constants a and b for 1 gram molecule of hydrogen are a = 0.245 atm lt^2 $mole^{-2}$. Then calculate the critical, constants of the gas.**

1. $T_c = 239°C$
   $V_c = 8.01 \times 10^{-2}$ kg
2. $T_c = -239.82°C$
   $V_c = 8.01 \times 10^{-2}$ kg
3. $P_c = 13.12$ Atm
4. (2) & (3) only

11. **Calculate the critical temperature of helium given the following values for critical constants a = 615 × 10^{-5}, b = 995 × 10^{-4}; where the units of pressure is the atmosphere and the unit of volume, the gram molecular volume of gas at NTP.**

1. –268°C
2. 5K
3. 5°C
4. (1) & (2)

12. **The temperature of inversion of hydrogen and helium are**

1. –80°C, –240°C
2. –80°K, –240°K
3. 80°C, 240°K
4. (1) & (2) only

13. **In a porous-plug experiment, the change in temperature of the gas depends upon**

1. Its thermal conductivity
2. The difference in pressure on either side of the plug
3. Its specific heat
4. None of the above

ANSWERS

1.4	2.3	3.3	4.2	5.1	6.4	7.1	8.2	9.3	10.4	11.4	12.1	13.2

1.1. VECTORS

STUDY MATERIAL

★ **Scalar quantity:** A physical quantity which has only magnitude is called scalar.

Ex: Mass, temperature, speed, etc.

★ **Vector quantity:** A physical quantity having both magnitude and direction.

Ex: Velocity, momentum, acceleration, force, etc.

★ **Sum of scalars:** The sum of two scalars is a scalar quantity.

★ **Null vector:** The vector whose origin and terminus, is same is called null vector or zero vector. Its magnitude is zero and direction is indeterminate.

★ **Unit vector:** The vector having unit magnitude is called unit vector.

If $\vec{A}$ is the vector, then its unit vector $\hat{a} = \frac{\vec{A}}{|\vec{A}|}$

Note: 1. The unit vector which is perpendicular to the plane containing vectors $\vec{A}$ & $\vec{B}$ is

$$\hat{c} = \frac{\vec{A}\times\vec{B}}{|\vec{A}\times\vec{B}|}$$

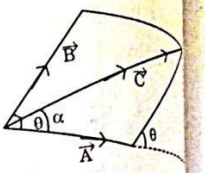
2. 'O' is origin, P(x, y, z) then the unit vector parallel to $\overrightarrow{OP} = x\vec{i}+y\vec{j}+z\vec{k}/\sqrt{x^2+y^2+z^2}$

★ Displacement, velocity, acceleration, momentum, force, impulse, intensity of electric field, moment of magnetisation, magnetic induction .... etc., these vectors are called real or polar vectors.

★ Torque, angular momentum, angular velocity .... etc., these vectors are called axial vectors.

★ **Triangular law:** If two vectors are represented in magnitude and direction by the two sides of a triangle taken in order, the resultant vector is represented in magnitude and direction by the third side of triangle taken in reverse order.

★ **Parallelogram law:** If two vectors are represented in magnitude and direction by the two adjacent sides of a parallelogram drawn from a point, their resultant is represented in magnitude and direction by the diagonal passing through the same point.



Parallelogram

★ If the angle between two vectors $\vec{A}$ & $\vec{B}$ is θ then resultant vector,

$C^2 = A^2+B^2+2AB\cos\theta$.

or $C = \sqrt{A^2+B^2+2AB\cos\theta}$

If the resultant $\vec{C}$ makes an angle α with the direction $\vec{A}$, then

$$\alpha = \tan^{-1}\left[\frac{B\sin\theta}{A+B\cos\theta}\right]$$

Cases:

i. If $\vec{A}$ & $\vec{B}$ are in same direction, $\theta = 0°$

$$|\vec{A}+\vec{B}| = |\vec{A}| + |\vec{B}|$$

ii. If $\vec{A}$ & $\vec{B}$ are in opposite direction, $\theta = 180°$

$$|\vec{A}+\vec{B}| = |\vec{A}| - |\vec{B}|$$

iii. If $\vec{A}$, $\vec{B}$ are in perpendicular directions and $|\vec{A}| = |\vec{B}|$ then $|\vec{A}+\vec{B}| = \sqrt{2}\,A$

iv. $|\vec{A}| = |\vec{B}|$ then $|\vec{A}+\vec{B}| = 2A\cos\theta/2$

★ **Polygon law:** If no.of vectors are represented in magnitude and direction by the sides of a polygon taken in order, the resultant is represented in magnitude and direction by the closing side of the polygon taken in reverse order.

★ **Scalar product of two vectors (DOT product)**

The scalar or DOT product of two vectors $\vec{A}$ and $\vec{B}$ is defined as the product of the magnitude of two vectors and the cosine of the angle between them.

1. If A, B are two vectors then their dot product $\vec{A}.\vec{B} = |\vec{A}|.|\vec{B}|\cos\theta$

2. Commutative law $\vec{A}.\vec{B} = \vec{B}.\vec{A}$

9) A condenser of capacity 10μF is charged to a potential of 1000V, then the energy stored in the condenser
1) 5J 2) 10J 3) 15J 4) 20J

10) An infinitely long conductor carries a current of 100mA. What is the magnetic field a point 0.1m away from it.
1) 0.0795Amp/m 2) 0.1043Amp/m
3) 0.1591Amp/m 4) 2×10^{-7}

11) A coil wire of certain radius has 600 turns and self-inductance 100 mH. What will be the self-inductance of a similar coil with 500 turns.
1) 69.4 mH 2) 75 mH
3) 83.3 mH 4) 100 mH

12) The amount of field energy passing in unit time through unit area of the surface perpendicular to the direction of propagation of energy is called
1) Hall effect
2) Electromagnetic energy
3) Steady current 4) Poynting vector

13) In the experiment of determination of the charge on the electron in Millikan's method, oil used because
1) To eliminate error due to evaporation
2) Small drops can be formed
3) The surface tension is more for the oil
4) To eliminate error due to usage of stokes formula for bigger spheres also

14. The dielectric constant of a medium is 1, Electric field in the dielectric is 10^6 V/m then its polarization
1) 27×10^{-6} cm^{-2} 2) 36×10^{-6} cm^{-2}
3) 51×10^{-6} cm^{-2} 4) 0

15. A spherical drop of water carrying a charge of 3×10^{-6} C has a potential of 1000V at its surface. What is the radius of the drop
1) 108 m 2) 54 m
3) 27 m 4) 12 m

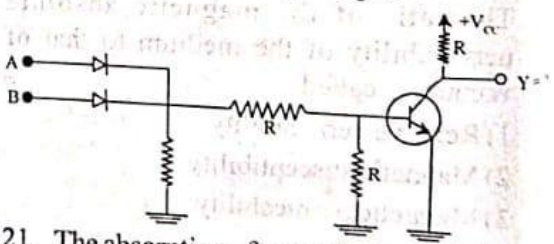
16. By using the laws of bodean Algebra
$AB - ABC + \bar{A}B + A\bar{B}C = 0$
1) B + AC 2) A(B + C)
3) A + BC 4) AB + BC + CA

17. The ripple factor of a bridge rectifier is
1) 1.21 2) 1.11 3) 0.812 4) 0.48

18. The minority and majority carriers in p-type semi conductor are
1) Holes and Electrons
2) Electrons and Holes
3) Holes only 4) Electrons only

19. The process of getting back audio signal from modulated wave is–
1) Detection 2) Rectification
3) Amplification 4) Oscillation

20 In digital electronics, the following circuit belongs to
1) Ex-OR gate 2) NAND gate
3) NOR gate 4) OR gate



21. The absorption of γ rays by matter at higher energies is almost
1) Compton absorption
2) Pair production
3) Photoelectric absorption
4) None of these

22. An alpha particle of mass 6.65×10^{-27} kg and positive charge twice that of an electron at right angles to a magnetic field with a velocity of 3×10^5 m/sec. If the flux density of field is 0.2 W/m^2. The force acting on the alpha particle is–
1) Zero 2) 6.65×10^{-27}N
3) 1.92×10^{-14}N 4) 8.32×10^{-28}N

23. Xenon having - Isotopes
1) 1 2) 3 3) 5 4) 9

24 The packing fraction is - for elements with mass number between 20 and 200
1) Positive 2) Negative
3) Zero 4) None of these

25. In a crystal, a lattice plane cuts intercepts of 2a, 3b and 6c along the three axes where a, b, c, are primitive vectors of the unit cell. The miller indeces of the given plane is
1) (3 2 1) 2) (2 3 6)
3) $(2\ \bar{3}\ 3)$ 4) (1 2 3)

26. Example of Anti Ferromagnetism
1) MnS 2) Zn 3) Fe_3O_4 4) Bi

27. The time independent schrodinger's wave equation is
1) $\nabla^2\psi + \frac{2m}{\hbar^2}(E + v)\psi = 0$
2) $\frac{-\hbar^2}{2m}(\nabla^2 + v)\psi = \hbar\frac{\partial\psi}{\partial t}$
3) $\nabla^2\psi + \frac{2m}{\hbar^2}(E - V)\psi = 0$
4) $\frac{-\hbar^2}{2m}(\nabla^2 + V)\psi = 0$

28. Positron is a
1) Anti-electron 2) Anti-proton
3) Anti-neutron
4) Anti-charged K meson

29. In the hydrogen spectrum Lyman Series lies in the
1) Visible region 2) UV region
3) Micro wave region
4) Infrared region

30. For a tricline Crystal system
1) $a = b \neq c$ $\alpha = \beta = \gamma = 90^0$
2) $a = b = c$ $\alpha = \beta = \gamma \neq 90^0$
3) $a = b \neq c$ $\alpha = \beta = 90^0$ and $\gamma = 120^0$
4) $a \neq b \neq c$ $\alpha \neq \beta \neq \gamma \neq 90^0$

31. The thereshold wavelength of sodium is 5045 $\mathring{A}$ then its work function is–
1) 6.619×10^{-19} J 2) 3.936×10^{-21} J
3) 7.432×10^{-19} J 4) 12.495×10^{-19} J

32. If the uncertainity in the position of an electron is 2×10^{-10}m, then the uncertainity in its momentum is
1) 6.62×10^{-30} kg - m/sec
2) 4.32×10^{-30} kg - m/sec
3) 3.31×10^{-24} kg - m/sec
4) zero

33. The disintegration constant (λ) of radiactive element is 0.00231 per day, then its half-life
1) 5.3 years 2) 432.9 days
3) 300 days 4) 87 days

34. What is the compton shift for an X-ray photon if it is scattered at an angle of 60^0 by electron
1) 0.0121 $\mathring{A}$ 2) 0.0242 $\mathring{A}$
3) 0.0432 $\mathring{A}$ 4) 0.1041 $\mathring{A}$

35. Einstein equation of photoelectric effect is
1) $E = mc^2$ 2) $E = h\nu$
3) $E = (m - m_0)C^2$
4) $h\nu = \frac{1}{2}mv^2 + \phi$

36. The radius of Holmium (Ho^{165}) is 7.731 Fermi, then the radius of Helium (He^4) is
1) 26.71 Fermi 2) 18.24 Fermi
3) 15.71 Fermi 4) 2.23 Fermi

37. The dispersion of positive ions in Aston's mass spectrograph is due to the applied
1) Magnetic field 2) Electric field
3) Both electric and magnetic fields
4) None of these

List of Students

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

NANNAYA SET COACHING

2019-2020

SUB: PHYSICS

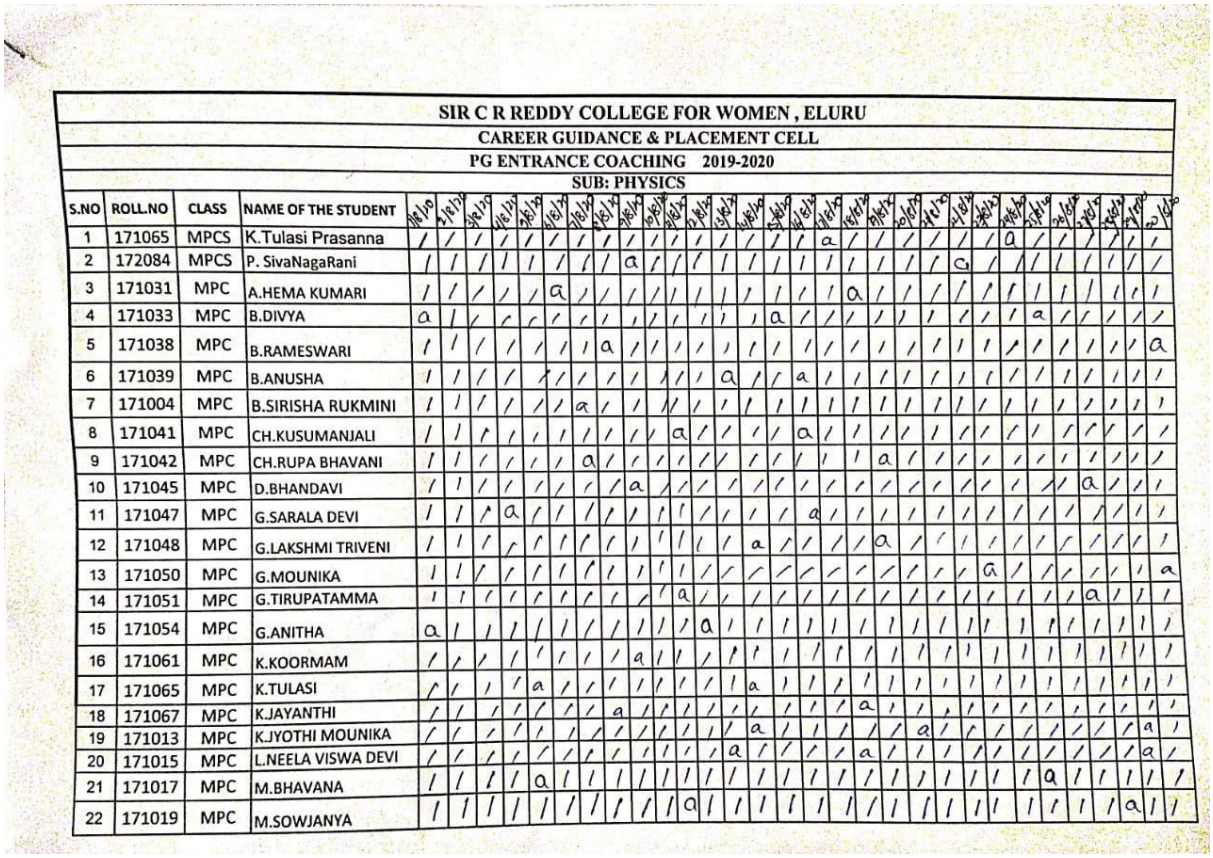
ATTENDANCE SHEET

S.NO	ROLL.NO	NAME OF THE STUDENT	CLASS	SIGNATURE OF THE STUDENT
1	171065	K.Tulasi Prasanna	MPCS	K.Tulasiprasanna
2	172084	P. SivaNagaRani	MPCS	P. SivaNagaRani
3	171031	A.HEMA KUMARI	MPC	A. Hema kumari
4	171033	B.DIVYA	MPC	B. Divya
5	171038	B.RAMESWARI	MPC	B. Rameswari
6	171039	B.ANUSHA	MPC	B. ANUSHA
7	171004	B.SIRISHA RUKMINI	MPC	B. sirishasukmini
8	171041	CH.KUSUMANJALI	MPC	Ch. Kusumanjali
9	171042	CH.RUPA BHAVANI	MPC	Ch. Rupabhavani
10	171045	D.BHANDAVI	MPC	D. Bhandavi
11	171047	G.SARALA DEVI	MPC	G. Sarala Devi
12	171048	G.LAKSHMI TRIVENI	MPC	G. lakshmitriveni
13	171050	G.MOUNIKA	MPC	G. mounika
14	171051	G.TIRUPATAMMA	MPC	G. TIRUPatamma
15	171054	G.ANITHA	MPC	G. Anitha
16	171061	K.KOORMAM	MPC	K. Koormam
17	171065	K.TULASI	MPC	K. Tulasi
18	171067	K.JAYANTHI	MPC	K. Jayanthi
19	171013	K.JYOTHI MOUNIKA	MPC	K. Jyothi mounika
20	171015	L.NEELA VISWA DEVI	MPC	L. N. Viswa Devi
21	171017	M.BHAVANA	MPC	M. Bhavana
22	171019	M.SOWJANYA	MPC	M Sowjanya
23	171078	MD .ASMA BEGUM	MPC	MD. ASMA BEGUM
24	171085	N.SAILAJA	MPC	N. Sailaja
25	171088	N.GAYATHRI	MPC	N. Gayatri

26	171093	P.BHUVANESWARI	MPC	P. Bhuvaneswari
27	17123	P.SAILAJA	MPC	P. Sailaja
28	17105	P.DHARANI	MPC	P. Dharani.
29	171111	SK.BIBI AYESHA	MPC	SK. BIBI Ayesha
30	171024	T.HIMA BINDU	MPC	T. Himabindu
31	171124	P.VENKATA NAGA SATYA VATHI	MPC	P.V.N. Satyavathi
32	171125	K.YAMINI NAVYA SRI	MPC	K. Yamini navya sri
33	172047	G.PRATYUSHA	MPCS	G. Pratyusha
34	172050	G.MANI MANOJNA	MPCS	G. Manimanojna
35	172028	A.RAJASRI	MPCS	A Raja Sri
36	172051	G.LAKSHMI PRASANNA	MPCS	G. Lakshmi Prasanna
37	172052	K.NANDINI	MPCS	K. NANDINI
38	172061	K.GAYATHRI	MPCS	K. Gayathri
39	172077	M.RAMYA	MPCS	M. RAMYA
40	172080	N.ROJA RANI	MPCS	N. Roja Rani
41	172084	P.SIVA NAGA RANI	MPCS	P. sivanagarani
42	172086	P.RATNA VENI THARANGANI	MPCS	P. Ratnaveni tharangani
43	172087	P.RATNA SRI	MPCS	Ratna Sri. P
44	172095	S.PRASANNA	MPC	S. Prasanna
45	172098	T.SOWJANYA	MPCS	T. sowjanya
46	171001	M.CHITTI	MPC	M. Chitti
47	171089	N.MEGHANA	MPC	N. Meghana

Ch. Anitha
SIGNATURE

Students Attendance Register



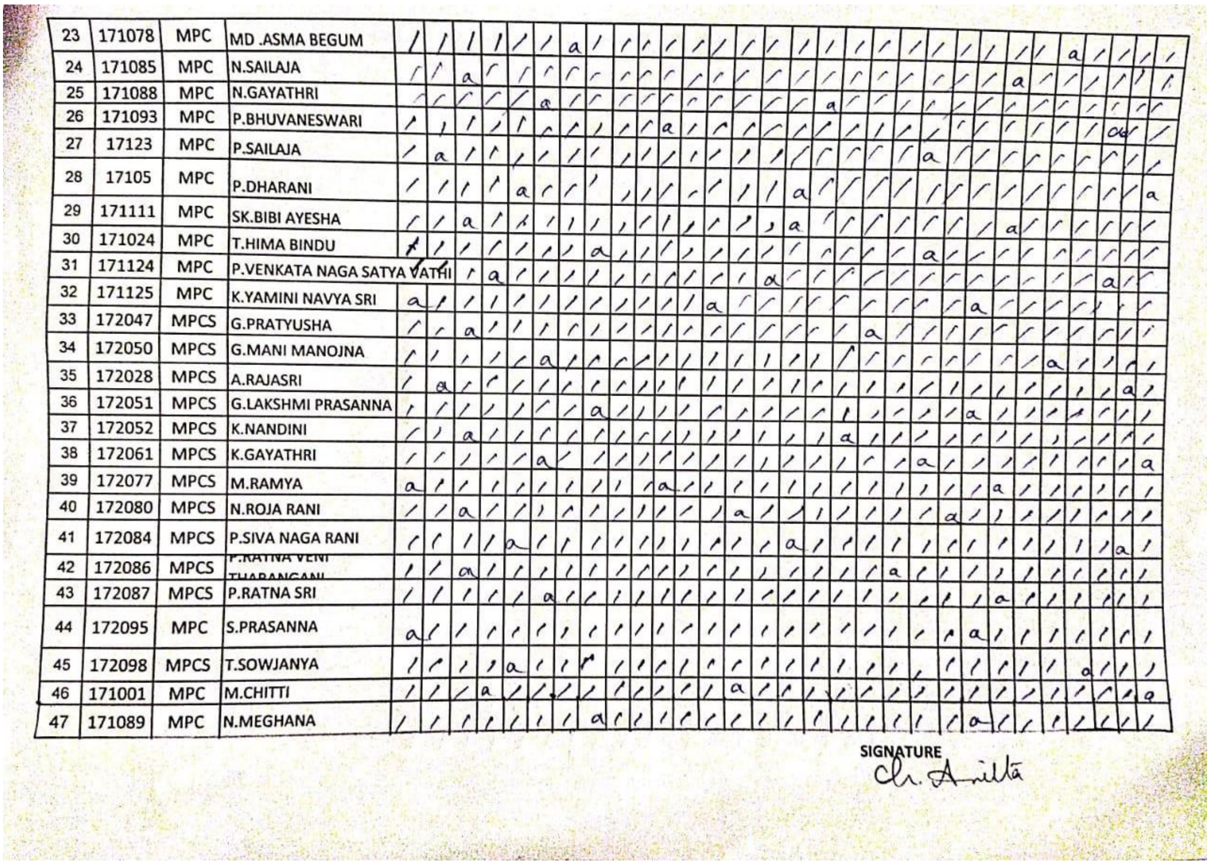
SIR C R REDDY COLLEGE FOR WOMEN , ELURU

CAREER GUIDANCE & PLACEMENT CELL

PG ENTRANCE COACHING 2019-2020

SUB: PHYSICS

S.NO	ROLL.NO	CLASS	NAME OF THE STUDENT
1	171065	MPCS	K.Tulasi Prasanna
2	172084	MPCS	P. SivaNagaRani
3	171031	MPC	A.HEMA KUMARI
4	171033	MPC	B.DIVYA
5	171038	MPC	B.RAMESWARI
6	171039	MPC	B.ANUSHA
7	171004	MPC	B.SIRISHA RUKMINI
8	171041	MPC	CH.KUSUMANJALI
9	171042	MPC	CH.RUPA BHAVANI
10	171045	MPC	D.BHANDAVI
11	171047	MPC	G.SARALA DEVI
12	171048	MPC	G.LAKSHMI TRIVENI
13	171050	MPC	G.MOUNIKA
14	171051	MPC	G.TIRUPATAMMA
15	171054	MPC	G.ANITHA
16	171061	MPC	K.KOORMAM
17	171065	MPC	K.TULASI
18	171067	MPC	K.JAYANTHI
19	171013	MPC	K.JYOTHI MOUNIKA
20	171015	MPC	L.NEELA VISWA DEVI
21	171017	MPC	M.BHAVANA
22	171019	MPC	M.SOWJANYA



23	171078	MPC	MD .ASMA BEGUM
24	171085	MPC	N.SAILAJA
25	171088	MPC	N.GAYATHRI
26	171093	MPC	P.BHUVANESWARI
27	17123	MPC	P.SAILAJA
28	17105	MPC	P.DHARANI
29	171111	MPC	SK.BIBI AYESHA
30	171024	MPC	T.HIMA BINDU
31	171124	MPC	P.VENKATA NAGA SATYA VATHI
32	171125	MPC	K.YAMINI NAVYA SRI
33	172047	MPCS	G.PRATYUSHA
34	172050	MPCS	G.MANI MANOJNA
35	172028	MPCS	A.RAJASRI
36	172051	MPCS	G.LAKSHMI PRASANNA
37	172052	MPCS	K.NANDINI
38	172061	MPCS	K.GAYATHRI
39	172077	MPCS	M.RAMYA
40	172080	MPCS	N.ROJA RANI
41	172084	MPCS	P.SIVA NAGA RANI
42	172086	MPCS	P.RATNA VENI THARANGANI
43	172087	MPCS	P.RATNA SRI
44	172095	MPC	S.PRASANNA
45	172098	MPCS	T.SOWJANYA
46	171001	MPC	M.CHITTI
47	171089	MPC	N.MEGHANA

SIGNATURE
Ch. Anitha

REPORT

PROGRAMME:PG Entrance COACHING FOR III B.Sc. aspirants inPhysicssubject

In association with IQAC &In accordance with the resolution made during the meeting and documented in the minutes, it was unanimously agreed to arrange PG entrance coaching classes for interested students pursuing IIIB.Sc (MPC& MPCS) This significant decision forms an integral part of the report on the PG entrance coaching classes in**PHYSICS**subject conducted from 01-Aug-2020 To 30 -Aug-2020 from 9:30am to 12:30pm .These classes were conducted senior and expert faculty from the concerned department.

Approximately 47 motivated students actively participated in the coaching sessions These meticulously organized classes aimed to prepare the students comprehensively for the upcoming PG entrance examinations scheduled in the month of Oct 2020. The coaching sessions were diligently conducted from 9:30 AM to 12:30 PM, adhering to a structured curriculum meticulously designed to equip students with the essential skills and knowledge required for success in the examination.

The outcomes of these coaching classes have been highly encouraging. 8 students were qualified in the exam. Few students showcased exceptional performance, securing remarkable pg. ranks demonstrating both their commitment and the effectiveness of the coaching program.

The successful arrangement of these coaching classes aligns directly with the decision made during the meeting These sessions facilitated a conducive learning environment, significantly contributing to the preparedness and success of the students preparing for the PG entrance examination.

Their dedication has been instrumental in empowering our students for academic success.

LIST OF THE STUDENTS QUALIFIED IN M.Sc PHYSICS ENTRANCE EXAM 2019-2020

S.NO	NAME OF THE STUDENT	GROUP
1	G.Anitha	MPC
2	L.Neela viswa devi	MPC
3	M.Sowjanya	MPC
4	K.Tulasi	MPC
5	S.Prasanna	MPC
6	P.Siva naga rani	MPCs
7	M.Ramya	MPCs
8	T.Hima bindu	MPC

ID CARDS AND RANK CARDS

ADIKAVI NANNAYA UNIVERSITY

TADEPALLIGUDEM CAMPUS

G. ANITHA

Regd. No	:	2088034005
Course	:	M.Sc Physics
Batch	:	2020 - 2022
Aadhar No	:	7319 8573 4813
Mobile	:	7569541420
Blood Group	:	O+
Address	:	D.No: 1-82, Allu vari street Hanumanthrao peta,Pulla, Bhimadole,

B L V Ramana
Course Coordinator

Principal

NEAR AIR FIELD , TADEPALLIGUDEM
WEST GODAVARI , ANDHRA PRADESH - 534101

Endt. No. GITAM/DOE/PCMG/M.Sc/2022

Regd. No. 122022702002

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

EC 002404

GITAM
(Deemed to be University)
(Estd. u/s 3 of the UGC Act, 1956)

Provisional Certificate cum Consolidated Memorandum of Grades
Master of Science
(Physics)

This is to certify that Mr./Ms. Mareedu Sowjanya *has qualified himself/herself for the award of the Degree of* Master of Science in Physics *in this Deemed to be University, he/she having been declared to have passed the Examination prescribed therefor held in* June, 2022 *in* First Class *and that he/she has done all that is necessary for the formal presentation of the* M.Sc Degree..

The following grades were awarded to the candidate:

S.No.	Name of the Course	Credits	Grade	GPA
	First Semester			**6.88**
1	Classical Mechanics	4	A	
2	Quantum Mechanics	4	B	
3	Electro Magnetic Theory	4	B+	
4	Mathematical Methods of Physics	4	B	
5	General Physics Lab	3	B+	
6	C Programming Lab	3	A	
7	Basic Computer Tools	2	B	
8	Venture Discovery	2	B+	
	Second Semester			**8.25**
9	Statistical Mechanics	4	A	
10	Atomic and Molecular Physics	4	A	
11	Advanced Quantum Mechanics	4	A	
12	Electronic Devices and Circuits	4	A+	
13	Professional Communication Skills	2	A+	
14	Solid State Physics Lab	3	B+	
15	Electronic Devices and Circuits Lab	3	A+	
	Third Semester			**7.20**
16	Solid State Physics	4	B+	
17	Nuclear and Particle Physics	4	B	
18	Analog and Digital Communication	4	B+	
19	Vacuum Science and Technology	4	A	
20	Environmental Pollution,monitoring and control	2	B+	
21	Analog and Digital Communication Lab	2	A	
22	Modern Optics and Nuclear Physics Lab	3	A	
23	Comprehensive Viva	2	B+	
	Fourth Semester			**7.42**
24	Material Characterization Techniques	4	B	
25	Advanced Theories in Ferroics	4	B	
26	Experimental Characterization Lab	3	B+	
27	Project Work	8	A+	

Cumulative Credits	Cumulative Grade Points	Cumulative Grade Point Average	Result
94	698	7.43	First Class

Prepared by :

Verified by :

Visakhapatnam
Date: 19-07-2022

Controller of Examinations

DIRECTORATE OF ADMISSIONS
ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM
NANNAYACET - 2020 :: RANK CARD

Hall Ticket No : 061020049 **RegNo : 205726** **Application No : 103756**

Name : TULASI PRASANTHI KALLA
Gender : Female
Date of Birth : 28-08-1998
Father's Name : GOVINDA RAO
Address :
DoorNo : 1-78
Street : NEHRU COLONY, INDUSTRIAL ESTATE
Town : SATRAMPADU, PEDAPADU MANDALAM
City : ELURU
District : WEST GODAVARI
State : ANDHRA PRADESH
Pin : 534007

Category : BCD

Test : 102-Physical Sciences

Marks Obtained: 19

RANK 359

DIRECTOR , DOA
NANNAYACET-2020

Note :
* Admission into any course is subject to fulfilment of eligibility criteria for that course.
* Any correction in biodata should be brought to the notice of the Director at the time of Certificate verification.

Certificates to be submitted at the verification center

(i) NANNAYA CET - 2020 Rank Card & Hall Ticket and Counseling fee of Rs. 500/- (Rs.250/- for SC and ST and PH) should be paid by ON-LINE Payment receipt should be submitted at the registration counter of certificate verification center. No cash payment is allowed at verification center.
(ii) Degree/Provisional Pass Certificate.
(iii) Consolidated Marks statement of the Qualifying Examination.
(iv) Transfer and Conduct Certificate from the institution where the candidate last studied. Candidates who have completed /studied already or discontinued and seeking admission to second PG or professional course should submit TC relating to first PG course only. Duplicate TC relating to UG / PG degree should be accompanied by proper evidence of loss of original TC, Police complaint with not traceable and Affidavit. Candidates submitting false TC are liable for cancellation of seat at any stage and are liable for prosecution. (Admission will not be given if T.C of the institution where the candidate studied last is not submitted).
(v) Migration Certificate (for other Universities candidates).
(vi) Date of Birth Certificate (SSC/Matriculation or equivalent Certificate).
(vii) Study Certificates for the last seven years or Residence Certificate for preceding seven years of the qualifying examination.
(viii) Intermediate original certificate.
(ix) Integrated Community Certificate issued by the competent authority in case of SC/ST/BC/EBC/Minority candidates.
(x) Valid latest income certificate issued by M.R.O./Thasildar if fee concession is claimed / white ration card (the validity of income certificate is for one year from the date of issue).
(xi) 4 recent passport size Photos.
(xii) Candidates opting for admission under NCC/Sports/CAP/PH/NSS quota must produce relevant original certificates, in addition to the above. PH certificate must be issued by the concerned medical board in the Govt. hospital.
(xiii) Discharge certificate and service certificate of the parent in case of a child of armed personnel.
(xiv) Physical fitness certificate from an Asst .Civil Surgeon.
(xv) One set of Photostat copies of all the above certificates.
(xvi) After verification of the certificates, at the helpline centre, the candidate will get all his/her Original certificates back except T.C., C.C. and Migration certificate. The receipt of original certificates shall be given to the candidate.

Candidates attending for certificate verification should register online by paying the counselling fee by online.

I Phase Counseling:

S.No.	I Phase counseling for All Ranks - All Categories	Venue (Attend at any of the centers)	Date & Time
1.	Physical Verification of Certificates and issue of scratch cards for web options for LIFE SCIENCES (101).	1. Government (A) College, Rajamahendravaram 2. Ch.S.D.St.Theresa College for Women (A), Eluru 3. D.N.R College (A), Bhimavaram 4. AKNU M.S.N Campus, Kakinada	25-11-2020 09:00AM - 01:00 PM
2.	Physical verification of Certificates and issue of scratch cards for web options for PHYSCIAL SCIENCESS (102) TELUGU(203) & GEOLOGY(105)		25-11-2020 02:00PM - 05:30 PM
3.	Physical verification of Certificates and issue of scratch cards for web options for CHEMICAL SCIENCES (104)		26-11-2020 09:00AM - 01:00 PM
4.	Physical verification of Certificates and issue of scratch cards for web options for CHEMICAL SCIENCES (104),HINDI(204) and M.P. Ed.(205)		26-11-2020 02:00PM - 05:30 PM
5.	Physical verification of Certificates and issue of scratch cards for web options for HUMANITIES & SOCIAL SCIENCES (201) AND ENGLISH (202)		27-11-2020 09:00AM - 01:00 PM
6.	Physical verification of Certificates and issue of scratch cards for web options for MATHEMATICAL SCIENCES(103) AND COMPUTER SCIENCE(106)		27-11-2020 02:00PM - 05:30 PM

Candidates seeking admission under any Special Category should also attend for the Physical Verification of their general Certificates.

Web options enrollment and seat allotment dates will be notified shortly. Check website regulary for web-options schedule.

DIRECTORATE OF ADMISSIONS
ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM
NANNAYACET - 2020 :: RANK CARD

Hall Ticket No : 061020042 RegNo : 205011 Application No : 100542

Name : SOMADULA PRASANNA SOMADULA
Category : SC
Gender : Female
Date of Birth : 12-03-2000
Father's Name : SOMADULA KUMAR
Address :
DoorNo : FLATNO-86
Street : SURYANAGARA
Town : VENKATAPURAM GP
City : ELURU
District : WESTGODAVARAI
State : ANDHRA PRADESH
Pin : 534001

Test : 102-Physical Sciences
Marks Obtained: 23
RANK 316

DIRECTOR , DOA
NANNAYACET-2020

Note :
* Admission into any course is subject to fulfilment of eligibility criteria for that course.
* Any correction in biodata should be brought to the notice of the Director at the time of Certificate verification.

Certificates to be submitted at the verification center

(i) NANNAYA CET - 2020 Rank Card & Hall Ticket and Counseling fee of Rs. 300/- (Rs.250/- for SC and ST and PH) should be paid by ON-LINE. Payment receipt should be submitted at the registration counter of certificate verification center. No cash payment is allowed at verification center.
(ii) Degree/Provisional Pass Certificate.
(iii) Consolidated Marks statement of the Qualifying Examination.
(iv) Transfer and Conduct Certificate from the institution where the candidate last studied. Candidates who have completed /studied already or discontinued and seeking admission to second PG or professional course should submit TC relating to first PG course only. Duplicate TC relating to UG / PG degree should be accompanied by proper evidence of loss of original TC, Police complaint with not traceable and Affidavit. Candidates submitting false TC are liable for cancellation of seat at any stage and are liable for prosecution. (Admission will not be given if T.C of the institution where the candidate studied last is not submitted).
(v) Migration Certificate (for other Universities candidates).
(vi) Date of Birth Certificate (SSC/Matriculation or equivalent Certificate).
(vii) Study Certificates for the last seven years or Residence Certificate for preceding seven years of the qualifying examination.
(viii) Intermediate original certificate.
(ix) Integrated Community Certificate issued by the competent authority in case of SC/ST/BC/EBC/Minority candidates.
(x) Valid latest income certificate issued by M.R.O./Thasildar if fee concession is claimed / white ration card (the validity of income certificate is for one year from the date of issue).
(xi) 4 recent passport size Photos.
(xii) Candidates opting for admission under NCC/Sports/CAP/PH/NSS quota must produce relevant original certificates, in addition to the above. PH certificate must be issued by the concerned medical board in the Govt. hospital.
(xiii) Discharge certificate and service certificate of the parent in case of a child of armed personnel.
(xiv) Physical fitness certificate from an Asst .Civil Surgeon.
(xv) One set of Photostat copies of all the above certificates.
(xvi) After verification of the certificates, at the helpline centre, the candidate will get all his/her Original certificates back except T.C., C.C. and Migration certificate. The receipt of original certificates shall be given to the candidate.

Candidates attending for certificate verification should register online by paying the counselling fee by online.

I Phase Counseling:

S.No.	I Phase counseling for All Ranks - All Categories	Venue (Attend at any of the centers)	Date & Time
1.	Physical Verification of Certificates and issue of scratch cards for web options for LIFE SCIENCES (101).	1. Government (A) College, Rajamahendravaram 2. Ch.S.D.St.Theresa College for Women (A), Eluru 3. D.N.R College (A), Bhimavaram 4. AKNU M.S.N Campus, Kakinada	25-11-2020 09:00AM - 01:00 PM
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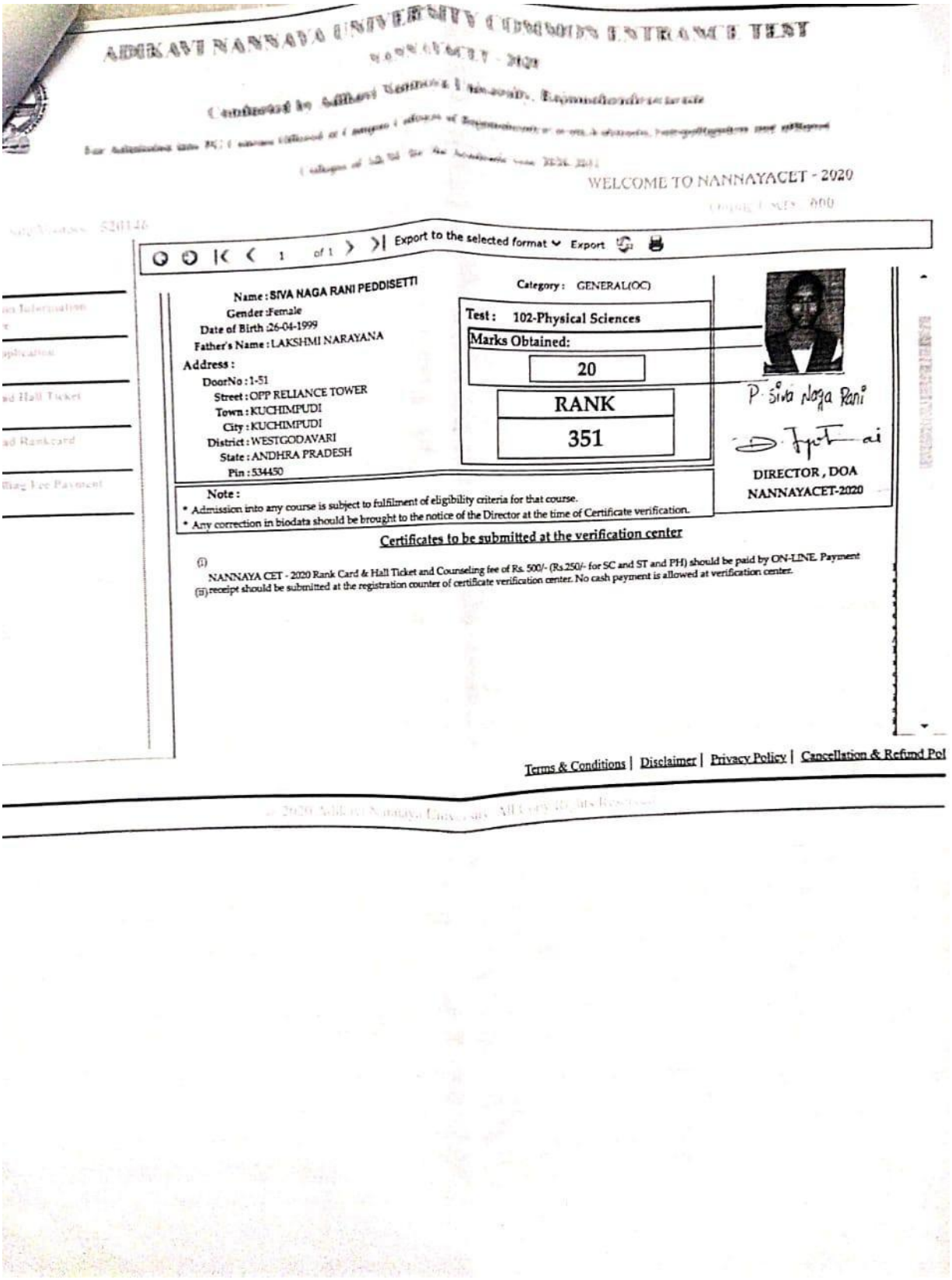

WELCOME TO NANNAYACET - 2020

Export to the selected format | Export

Name : SIVA NAGA RANI PEDDISETTI
Gender :Female
Date of Birth :26-04-1999
Father's Name : LAKSHMI NARAYANA
Address :
DoorNo : 1-51
Street : OPP RELIANCE TOWER
Town : KUCHIMPUDI
City : KUCHIMPUDI
District : WESTGODAVARI
State : ANDHRA PRADESH
Pin : 534450

Category : GENERAL(OC)

Test : 102-Physical Sciences

Marks Obtained:

20

RANK

351

P. Siva Naga Rani

DIRECTOR , DOA
NANNAYACET-2020

Note :
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Certificates to be submitted at the verification center

(i) NANNAYA CET - 2020 Rank Card & Hall Ticket and Counseling fee of Rs. 500/- (Rs.250/- for SC and ST and PH) should be paid by ON-LINE Payment
(ii) receipt should be submitted at the registration counter of certificate verification center. No cash payment is allowed at verification center.

Terms & Conditions | Disclaimer | Privacy Policy | Cancellation & Refund Pol

DIRECTORATE OF ADMISSIONS
ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM
NANNAYACET - 2020 :: RANK CARD

Hall Ticket No : 061020027 **RegNo : 204032** **Application No : 101859**

Name : RAMYA METTAPALLI
Gender : Female
Date of Birth : 04-08-1999
Father's Name : RANGARAO
Address :
DoorNo : 5-133
Street : TALLAMUDI
Town : APPANAVEEDU
City : APPANAVEEDU
District : WEST GODAVARI
State : ANDHRA PRADESH
Pin : 521105

Category : BCA

Test : 102-Physical Sciences

Marks Obtained: 29

RANK 183

DIRECTOR , DOA
NANNAYACET-2020

Note :
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(iii) Consolidated Marks statement of the Qualifying Examination.
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I Phase Counseling:

S.No.	I Phase counseling for All Ranks - All Categories	Venue (Attend at any of the centers)	Date & Time
1.	Physical Verification of Certificates and issue of scratch cards for web options for LIFE SCIENCES (101).	1. Government (A) College, Rajamahendravaram 2. Ch.S.D.St.Theresa College for Women (A), Eluru 3. D.N.R College (A), Bhimavaram 4. AKNU M.S.N Campus, Kakinada	25-11-2020 09:00AM - 01:00 PM
2.	Physical verification of Certificates and issue of scratch cards for web options for PHYSCIAL SCIENCESS (102) TELUGU(203) & GEOLOGY(105)		25-11-2020 02:00PM - 05:30 PM
3.	Physical verification of Certificates and issue of scratch cards for web options for CHEMICAL SCIENCES (104)		26-11-2020 09:00AM - 01:00 PM
4.	Physical verification of Certificates and issue of scratch cards for web options for CHEMICAL SCIENCES (104),HINDI(204) and M.P. Ed (205)		26-11-2020 02:00PM - 05:30 PM
5.	Physical verification of Certificates and issue of scratch cards for web options for HUMANITIES & SOCIAL SCIENCES (201) AND ENGLISH (202)		27-11-2020 09:00AM - 01:00 PM
6.	Physical verification of Certificates and issue of scratch cards for web options for MATHEMATICAL SCIENCES(103) AND COMPUTER SCIENCE(106)		27-11-2020 02:00PM - 05:30 PM

Candidates seeking admission under any Special Category should also attend for the Physical Verification of their general Certificates.

Web options enrollment and seat allotment dates will be notified shortly. Check website regulary for web-options schedule.

75%

DIRECTORATE OF ADMISSIONS
ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM
NANNAYACET - 2020 :: RANK CARD

Hall Ticket No : 061020012 RegNo : 201772 Application No : 105158

Name : HIMABINDU TAKKALLAPATI
Gender : Female
Date of Birth : 15-11-1999
Father's Name : TAKKALLAPATI NAGESWARARAO
Category : GENERAL(OC)

Address :
DoorNo : 1-174
Street : MAIN ROAD
Town : NARASANNAPALEM
City : NARASANNAPALEM
District : WEST GODAVARI
State : ANDHRA PRADESH
Pin : 534462

Test : 102-Physical Sciences
Marks Obtained: 24
RANK 295

DIRECTOR , DOA
NANNAYACET-2020

Note :
* Admission into any course is subject to fulfilment of eligibility criteria for that course.
* Any correction in biodata should be brought to the notice of the Director at the time of Certificate verification.

Certificates to be submitted at the verification center

(i) NANNAYA CET - 2020 Rank Card & Hall Ticket and Counseling fee of Rs. 500/- (Rs.250/- for SC and ST and PH) should be paid by ON-LINE. Payment receipt should be submitted at the registration counter of certificate verification center. No cash payment is allowed at verification center.
(ii) Degree/Provisional Pass Certificate.
(iii) Consolidated Marks statement of the Qualifying Examination.
(iv) Transfer and Conduct Certificate from the institution where the candidate last studied. Candidates who have completed /studied already or discontinued and seeking admission to second PG or professional course should submit TC relating to first PG course only. Duplicate TC relating to UG / PG degree should be accompanied by proper evidence of loss of original TC, Police complaint with not traceable and Affidavit. Candidates submitting false TC are liable for cancellation of seat at any stage and are liable for prosecution. (Admission will not be given if T.C of the institution where the candidate studied last is not submitted).
(v) Migration Certificate (for other Universities candidates).
(vi) Date of Birth Certificate (SSC/Matriculation or equivalent Certificate).
(vii) Study Certificates for the last seven years or Residence Certificate for preceding seven years of the qualifying examination.
(viii) Intermediate original certificate.
(ix) Integrated Community Certificate issued by the competent authority in case of SC/ST/BC/EBC/Minority candidates.
(x) Valid latest income certificate issued by M.R.O./Thasildar if fee concession is claimed / white ration card (the validity of income certificate is for one year from the date of issue).
(xi) 4 recent passport size Photos.
(xii) Candidates opting for admission under NCC/Sports/CAP/PH/NSS quota must produce relevant original certificates, in addition to the above. PH certificate must be issued by the concerned medical board in the Govt. hospital.
(xiii) Discharge certificate and service certificate of the parent in case of a child of armed personnel.
(xiv) Physical fitness certificate from an Asst .Civil Surgeon.
(xv) One set of Photostat copies of all the above certificates.
(xvi) After verification of the certificates, at the helpline centre, the candidate will get all his/her Original certificates back except T.C., C.C. and Migration certificate. The receipt of original certificates shall be given to the candidate.

Candidates attending for certificate verification should register online by paying the counselling fee by online.

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Photo Gallery

PG ENTRANCE COACHING GIVEN BY CH.ANITHA