

(Lesson Plan)

MCM DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans (Odd Semester)
Session – (2021-22)

Name of the Teacher: Ms. Shreya Sharma

Department: Physics

Class: B.Sc (III Hons)

Subject: C Programming Language

Section (s): Hons.

| S.No | Date (Monthly) | | Topics Covered | Academic Activity Undertaken* |
|--|--------------------------------|---------------------------------|--|--|
| | From | To | | |
| 1 | 18 th Aug,2021 | 31 st August,2021 | <ul style="list-style-type: none">✓ Data and Statements: Data Types.✓ Constants and Variables.✓ Mathematical, Relational, Logical and Bitwise Operators. Expressions and Statements. | <ul style="list-style-type: none">✓ Lecture using digital board ppt mode in classroom✓ Visual code demo✓ Discussions |
| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
| 2 | 1 st September,2021 | 30 th September,2021 | <ul style="list-style-type: none">✓ Control Statements: - If-statement. If-else Statement. Nested if Structure. Else-if Statement.✓ Ternary Operator. Go to Statement. Switch Statement. Unconditional and Conditional Looping. While Loop. Do-while Loop. For Loop.✓ Break and Continue | <ul style="list-style-type: none">✓ Lecture(using digital board) ppt mode,✓ Group Discussions✓ Visual code demo |

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| | | | Statements. ✓ Nested Loops. | |
| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
| 3 | 1 st October,2021 | 31 st October,2021 | <ul style="list-style-type: none"> ✓ Arrays and Structures: - One and Two Dimensional Arrays. ✓ Idea of Structures ✓ Strings and Pointers ✓ Functions: Standard Library Functions and ✓ User-defined Functions. ✓ Functions returning Values. ✓ Function Prototypes. ✓ Function Call by Value and by Reference. ✓ Recursion. | <ul style="list-style-type: none"> ✓ Lecture(using digital board)ppt mode in classroom, ✓ Assignments |
| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
| 4 | 1 st Nov,2021 | 30 th Nov,2021 | <ul style="list-style-type: none"> ✓ Block, Local and Global variables. ✓ Auto, Static and External Variables. ✓ I/O Statements: printf, scanf, getc, getch, getchar, getche, etc. ✓ Practical Programming (9 programs) | <ul style="list-style-type: none"> ✓ Lecture using digital board ppt mode in classroom ✓ Group Discussions |
| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
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| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |

*Any of these – (i) Lecture Method; (ii) PPT; (iii) Online Sources; (iv) Group Discussion; (v) Case Studies etc.

(Lesson Plan)

MCM DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans (Even Semester)
Session – (2021-22)

Name of the Teacher: **Ms. Shreya Sharma**

Department: **Physics**

Class: **B.Sc (III Hons)**

Subject: **Physics Practical**

Section (s): **Hons.**

| S.No | Date (Monthly) | | Topics to be Covered | Academic Activity Undertaken* |
|---|---|-----------------------------------|--|----------------------------------|
| | From | To | | |
| 1 | 3 rd Feb,2022 (Tentative) | 28 th February,2022 | <ul style="list-style-type: none"> ✓ To study regulated power supply and voltage multiplier circuits (using breadboard). ✓ To study Poisson and Gaussian distributions using a GM Counter. | ✓ Lab |
| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
| 2 | 1 st March,2022 | 31 st March,2022 | <ul style="list-style-type: none"> ✓ To design an Astable multi vibrator of given specifications using 555 Timer IC. ✓ To design a Mono-stable multi vibrator of given specifications using 555 Timer IC and to measure the pulse-width of its output. | ✓ Lab |
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| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
|--|----------------------------|-----------------------------|---|------------|
| 3 | 1 st April,2022 | 30 th April,2022 | <ul style="list-style-type: none"> ✓ To study logic gates and clocked JK Master-Slave flip flops using IC's. ✓ Study of photon intensity variation through crossed Polaroid and diffraction spectrum from diffraction grating using LDR/Photodiode. | Lab |
| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
| 4 | 1 st May,2022 | 25 th May,2022 | <ul style="list-style-type: none"> ✓ To measure resistivity of semiconductor at different temperatures using four probe method and the deduce band gap of the semiconductor. ✓ Measurement of vacuum using the pirani/thermocouple gauge made using electric bulb filament. | Lab |
| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |
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| Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans | | | | |

*Any of these – (i) Lecture Method; (ii) PPT; (iii) Online Sources; (iv) Group Discussion; (v) Case Studies etc.
Other Methods adopted by the teacher – Please write the specific teaching method