

## SLC (University of Delhi) Shyam Lal College



NAACA++

## **Faculty Profile**

| Designation Department Address Email Web-Page | Physics<br>Utsav R<br>Delhi 11             |                              |                           | -D8 Flat no . | 59 Rohini Sec.34                                      |                |                |  |  |
|---|--|------------------------------|---------------------------|---------------|---|----------------|----------------|--|--|
| Address<br>Email                              | Utsav R<br>Delhi 11                        | 0039                         |                           | -D8 Flat no . | 59 Rohini Sec.34                                      |                |                |  |  |
| Email   | Delhi 11                                   | 0039                         |                           | -D8 Flat no . | 59 Rohini Sec.34                                      |                |                |  |  |
|   | rrmeena                                    | @shyamlal                    | du.ac.in                  |               |   |                |                |  |  |
| Web-Page                                      |  |                              |                           |               |   |                |                |  |  |
|   |  |                              |                           |               |   | CS September 1 |                |  |  |
| Educational Qu                                | alification                                |                              |                           |               |   |                |                |  |  |
| Degree  |  | Subject                      |                           | Un            | stitution   | Year           |                |  |  |
| <u>U</u>                                      |  |                              |                           |               | , ,   |                |                |  |  |
| 3.SC  |  | PHYSICS, CHEMISTRY,<br>MATHS |                           |               | RAJ RISHI GOVT. college Alwar UNIVERSITY OF RAJASTHAN |                |                |  |  |
|   |  |                              |                           |               |   |                |                |  |  |
| M.SC  | PHYSIC                                     | PHYSICS                      |                           |               | raj rishi govt. college Alwar UNIVERSITY OF RAJASTHAN |                |                |  |  |
| NET DEC.2012                                  | DHACI                                      | PHYSICAL SCIENCE             |                           |               | CSIR  |                |                |  |  |
| Ph.D. (Pursuing)                              |  | Plasma Phys                  |                           | Dr.A P J Ab   | 2012  |                |                |  |  |
| ii.D. (Puisuing)                              |  | riasilia riiy                | SICS                      | DI.A F J AU   |   |                |                |  |  |
| Experience                                    |  |                              |                           |               |   |                |                |  |  |
|   | Name of                                    | the                          | Desig                     | gnation &     |   |                | Effective      |  |  |
|   | University/College/ Institute/Organisation |                              | Status (Permanent/Ad-hoc) |               | From  | То             | time<br>period |  |  |
| A   | ARSD College                               |                              | Ad- hoc                   |               | 15/01/2015  | 04/03/201<br>6 | 14 months      |  |  |
| Teaching S                                    | Shyam Lal colle                            | Ad-hoc                       |                           | 02/08/2016    | 15/08/202<br>3  | 7 years        |                |  |  |
|   | Shyam Lal colle                            | Permanent                    |                           | 16/08/2023    |   |                |                |  |  |
|   | Govt Pg College<br>Gazi Alwar Raja         | Ad-hoc (TRF)                 |                           | 02/09/2013    | 30/04/201<br>4  | 8 months       |                |  |  |
| Research/<br>Corporate                        |  |                              |                           |               |   |                |                |  |  |
| Consultancy                                   |  |                              |                           |               |   |                |                |  |  |
| Teaching-Learn                                | ing Process (Ad                            | ademic Ye                    | ar 2022-23                | 3 Onwards)    |   |                |                |  |  |

| Are You ICT (LI Resour   | MS, E-    |                    | If yes, please give the details below: |                                |  |             |   |            |  |                       |  |
|--|-----------|--------------------|--|--------------------------------|--|-------------|---|------------|--|-----------------------|--|
| Resou  | iccs).    |                    |  | Total Numbers                  |  |             |   |            |  |                       |  |
| E-Resour   | rces      | PDF I              | Name Total Numbers  PDF Format         |                                |  |             |   |            |  |                       |  |
| Techniqu<br>Platform   |           | ZOO                | M, Google me                           | eet, google clas               | ss room,                                       | Virtual lab | S   |            |  |                       |  |
| Tiutioiiii   |           |                    |  |                                |  |             |   |            |  |                       |  |
| Career A   | Advanc    | ement ar           | d Contribut                            | ion to College                 | Corpor   | ate Life (2 | 022-23 Onv  | vards)     |  |                       |  |
|  |           |                    | Name of                                | the Committee<br>Society/ Cell | Designa  |             | -   | om         | То   |                       |  |
| Convenor/Member of   |           |                    | Debating co                            |                                | Member   |             | 20  | 122        | 2023   |                       |  |
| Committ  |           | 01                 | Proctorial B                           |                                |  | Memb        |   | 2022       |  | 2023                  |  |
| Committee  |           |                    | 1 Toctoriai B                          | ouru                           |  | Wichite     | 7C1   | 20         |  | 2023                  |  |
|  |           |                    |  |                                |  |             |   |            |  |                       |  |
|  |           |                    |  |                                |  |             |   |            |  |                       |  |
| Any Oth  | er        |                    |  |                                |  |             |   |            |  |                       |  |
| Administ   |           |                    |  |                                |  |             |   |            |  |                       |  |
| Responsi   | ibility ( | Bursar,            |  |                                |  |             |   |            |  |                       |  |
| Coordina   | itor,     |                    |  |                                |  |             |   |            |  |                       |  |
| Superinte  | endent e  | etc.)              |  |                                |  |             |   |            |  |                       |  |
| Areas of   | Intere    | st/Specia          | lisation                               |                                |  |             |   |            |  |                       |  |
| S.No.  |           | •                  |  | Areas                          | of Intere                                      | st/ Special | isation   |            |  |                       |  |
| 1  | Micro     | wave Ele           | ectronics                              |                                |  |             |   |            |  |                       |  |
| 2  | Plasm     | a Physics          | S                                      |                                |  |             |   |            |  |                       |  |
|  |           |                    |  |                                |  |             |   |            |  |                       |  |
| Subjects   | Taugh     | t                  |  |                                | <u>,                                      </u> |             | 1   |            |  |                       |  |
| S.No.  |           |                    | Subject                                | t                              |  | S.No.       |   |            | ubject                                       |                       |  |
| 1  | Mech      |                    |  |                                |  | 2           | Electricity and magnetism Electrical circuits and network skill |            |  |                       |  |
| 3  | Wave      | and Opti           | cs                                     |                                |  | 4           | Electrical  | circuits a | nd network s                                 | kill                  |  |
|  |           |                    |  |                                |  |             |   |            |  |                       |  |
| D 111 /  |           | •• T               | 1                                      |                                |  | D 1 3/ 1/   | T II C'I  | , T 1      |  |                       |  |
| Publicat   | ions: C   | itation I          | ndex in Scop                           | us/Web of Sci                  | ence or I                                      | Pub Med/    | Indian Cita   | ition Ind  | lex  |                       |  |
| Title of Paper   |           | Name of the Author | the                                    | Year of<br>Publication         | Citati<br>on<br>Index                          | h-Index     | Institutional affiliation as mentioned in the publication       |            | Number of citations excluding self-citations | Impact factor, if any |  |
| High -intensity<br>laser guiding<br>in a plasma:<br>amplitude<br>modulation<br>effects |           | Raju rai<br>meena  | 1 0                                    | June2023                       |  |             |   |            |  |                       |  |
|  |           |                    |  |                                |  |             |   |            |  |                       |  |
|  |           |                    |  |                                |  |             |   |            |  |                       |  |
|  |           |                    |  |                                |  |             |   |            |  |                       |  |
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|  |           |                    |  |                                | <u> </u>                                       |             |   |            |  |                       |  |

| Books and Chapters in Edited V       |         |       | ited Vol         | umes/Book | s nut                                       | lished. | and naners             | L<br>s in Nationa | ıl /Inter        | <br>national con | ference                |             |  |
|--------------------------------------|---------|-------|------------------|-----------|---|---------|------------------------|-------------------|------------------|------------------|------------------------|-------------|--|
| Proceedi                             |         |       |                  |           |   | s pur   | , iisiicu,             | ana paper         | y III I (actoria | ii / Inter       |                        | ici chec    |  |
| Title of Book/Paper/ Book<br>Chapter |         |       |                  | Publisher |   |         | National/International |                   |                  | Year             |                        |             |  |
| 1                                    |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
| Conference/ Seminar/ Symposiu        |         |       |                  |           | / Workshor                                  | o/ Pre  | esentati               | <br>on            |                  |                  |                        |             |  |
|                                      |         |       | tional/          |           |   |         | Presentation/Attende   |                   |                  |                  |                        |             |  |
| Sr. No.                              |         | erna  | tional/st        |           | Topic                                       |         | d<br>/Resource Person  |                   | Date             | Duration         |                        |             |  |
| _                                    |         |       | ternation        |           | Plasma The                                  |         |                        | _                 |                  | 21-23            |                        |             |  |
| 1                                    | Confe   |       | ice JNU<br>Delhi | New       | Simulations                                 | s (PT   | S-                     | Presei            | ntation          | sept.2<br>023    |                        |             |  |
|                                      |         |       |                  |           | 2023)<br>Plasma The                         | ory a   | nd                     |                   |                  | 20-22            |                        |             |  |
| 2                                    |         |       | ternation        |           | Simulation                                  | •       |                        | Presei            | ntation          | June             |                        | \sigma_2    |  |
|                                      | Confe   | erer  | nce Lucl         | know      | , ,   |         |                        |                   |                  | 2022             |                        | исе         |  |
| 2                                    | Natio   | ona   | l confer         | ence      | Recent advances in physics (RAP21)          |         |                        | Attended          |                  | 29-30            |                        | Conferences |  |
| 3                                    |         | 2     | 2021             |           |   |         |                        |                   |                  | Oct.2<br>021     |                        |             |  |
|                                      |         |       |                  |           |   |         |                        |                   | 021              |                  | 1                      |             |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
|                                      | SER     | RΙ    | Jniversi         | ty of     | Unveiling the Power of high intensity laser |         |                        |                   |                  |                  |                        |             |  |
| 1                                    |         |       | epartme          |           |   |         |                        | D                 |                  | 15-16            |                        |             |  |
| 1                                    | -       |       | sics and         |           | Plasma                                      |         |                        | Participation     |                  | dec.20<br>23     |                        | sdc         |  |
|                                      | а       | astro | ophysics         | 3         |   |         |                        |                   |                  |                  |                        | kshops      |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  |                        | Wor         |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  | ,_                     |             |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
|                                      |         | cts/  | <u>Innova</u>    |           | • •   |         | ants/Re                |                   | laboration)      | ) <u> </u>       | C+-+/O-                | -44         |  |
| 3.1                                  | No.     |       |                  | 111110    | e of the Project                            |         |                        | Funding Agency    |                  |                  | Status/Output          |             |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
| Research                             | Guida   | nce   | e (Ph. D         | ./ M. Ph  | il.)  |         |                        |                   |                  | i<br>I           |                        |             |  |
| A 1 1                                |         |       |                  |           | No.   | of Ph.D | . Students             | Students No       |                  |                  | o. of M.Phil. Students |             |  |
| Awarded                              |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
| Submitted                            |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
| Under Pr                             |         |       | - /D* · ·        | 4°        | D   |         |                        |                   |                  |                  |                        |             |  |
| Fellowsh                             | ips/Awa | ara   | s /Distii        |           | Recognition e of the                        | 1S      |                        |                   | Nam              | e of the         |                        |             |  |
| Year of Award Fellow / D             |         |       | vshin/Award      |           |   | .•      |                        | demic             | Interr           | national         |                        |             |  |
|                                      |         |       |                  |           |   | gnation | gnation Bo /Asso       |                   |                  | onal/ State      |                        |             |  |
|                                      |         | Reco  |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
|                                      |         |       |                  |           |   |         |                        |                   |                  |                  |                        |             |  |
|                                      |         |       | <u> </u>         |           |   |         |                        |                   |                  |                  |                        |             |  |

| Incentiv  | e to the to   | eachers wh  | o receive recog          | gnition/awards           |   |                   |                     |
|-----------|---|-------------|--------------------------|--------------------------|---|-------------------|---------------------|
| State     |   |             | National                 | I                        | International   |                   |                     |
|           |   |             |                          |                          |   |                   |                     |
| Associat  | ion with  | the Profess | ional Bodies             |                          |   |                   |                     |
|           |   |             | Name of the Organisation | Year                     |   |                   |                     |
| Member    |   |             |                          |                          |   |                   |                     |
| Any Other |   |             |                          |                          |   |                   |                     |
| Develop   | ment of I   | E-Learning  | <b>Delivery Proc</b>     | ess/Material             |   |                   |                     |
| S.No.     |   |             | Title                    | of the Module            | Recognized by/Submitted at/<br>Delivered at any government<br>setup |                   |                     |
| Refresh   | er/ Orien   | tation Prog | ramme/ FDP /             | Other Specialised Course | es  |                   |                     |
| S.No.     | Topic   |             | Name of the Organiser    |                          | Place   | Duration and Year |                     |
| 1         | Orientation   |             |                          | Ramanujan college        |   | Delhi             | 30/2023             |
| 2         | FDP "Recent Advances in Basic and Applied Sciences" |             |                          | Shyam Lal college        |   | Delhi             | 11-16 dec.2023      |
| 3         | Advanced Research Methodology"                      |             |                          | Ramanujan college        |   | Delhi             | 22sept.6oct.2023    |
| 4         | Advanced python programming for all                 |             |                          | ARSD College             |   | Delhi             | 9-15<br>October2023 |

## **Declaration**

I do hereby solemnly declare that the information given and the statements made by me are correct and true to the best of my knowledge.

Fujikommeene.

Signature with Full Name