

O 'Level' (IT)

**BASIC IT DIPLOMA BY
NIELIT (National Institute of
Electronics and Information
Technology, NEW DELHI) &
Recognized by NCVET (National
Council for Vocational Education
and Training, NEW DELHI)**



SVH INSTITUTE OF IT MANAGEMENT BUDAUN



O 'LEVEL' (IT) IS AN NSQF (NATIONAL SKILLS QUALITY FRAMEWORKS) LEVEL 5 DIPLOMA COURSE .

PIONEERING IN 2011, WE ARE DELIBERATELY OFFERING A NUMBER OF DIPLOMA AND CERTIFICATE COURSES ON INFORMATION TECHNOLOGY & FINANCIAL MANAGEMENT.



OUR CENTER IS AN AUTHORISED AGENCY BY NIELIT TO PROVIDE O 'LEVEL' (IT) DIPLOMA IN OUR CENTER.

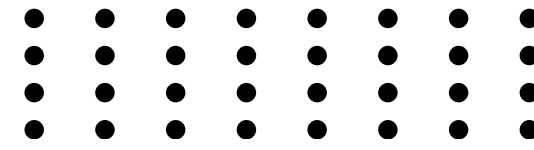
‘O’ LEVEL (IT) :MODES OF PROGRAM

- **DIRECT CANDIDATES**
- SELF APPLY
- SELF EXAM LOCK
- SELF PROJECT
- LEVEL 1 FACULTY
- OFFLINE MATERIAL
- CERTIFICATES ARE NOT VERIFIED THROUGH RTI

- **INSTITUTE CANDIDATES**
- INSTITUTE APPLY
- INSTITUTE EXAM LOCK
- PROJECT SUBMISSION THROUGH INSTITUTE
- ONLINE AND OFFLINE MATERIAL
- QUALIFIED FACULTY
- CERTIFICATES VERIFIED THROUGH RTI

MODULES OF 'O' LEVEL

CODE	MODULE	BASIC DETAILS AND DESCRIPTION
M1-R5	IT TOOLS AND NETWORKS BASICS	OPERATING SYSTEM, MS-WORD, EXCEL, POWERPOINT, INTERNET AND IT TOOLS
M2-R5	WEB DESIGNING & PUBLISHING	BASIC HTML, CSS, JACASCRPT AND PHOTOSHOP AND PUBLISHING
M3-R5	PROGRAMMIN G AND PROBLEM THROUGH PYTHON	PYTHON'S BASICS AND SYNTAX AND PROGRAMMING
M4-R5	IoT AND ITS APPLICATIONS	INTRODUCTION AND APPLICATIONS OF INTERNET OF THINGS



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Director

Dinesh Singh Yadav

WEB DESIGNING AND PUBLISHING

IN THIS MODULE, WE OFFER:-

- BASICS OF WWW, WEBSITE AND THE PROTOCOLS OF INTERNET
- HTML (HYPERTEXT MARKUP LANGUAGE)
- CSS (CASCADING STYLE SHEETS)
- JAVASCRIPT
- PHOTOSHOP
- THE STARTING SKILLS OF A FRONT-END DEVELOPER WILL BE INCORPORATED IN THE STUDENT.



PROGRAMMING AND PROBLEM SOLVING THROUGH PYTHON

IN THIS MODULE, WE PROVIDE :-

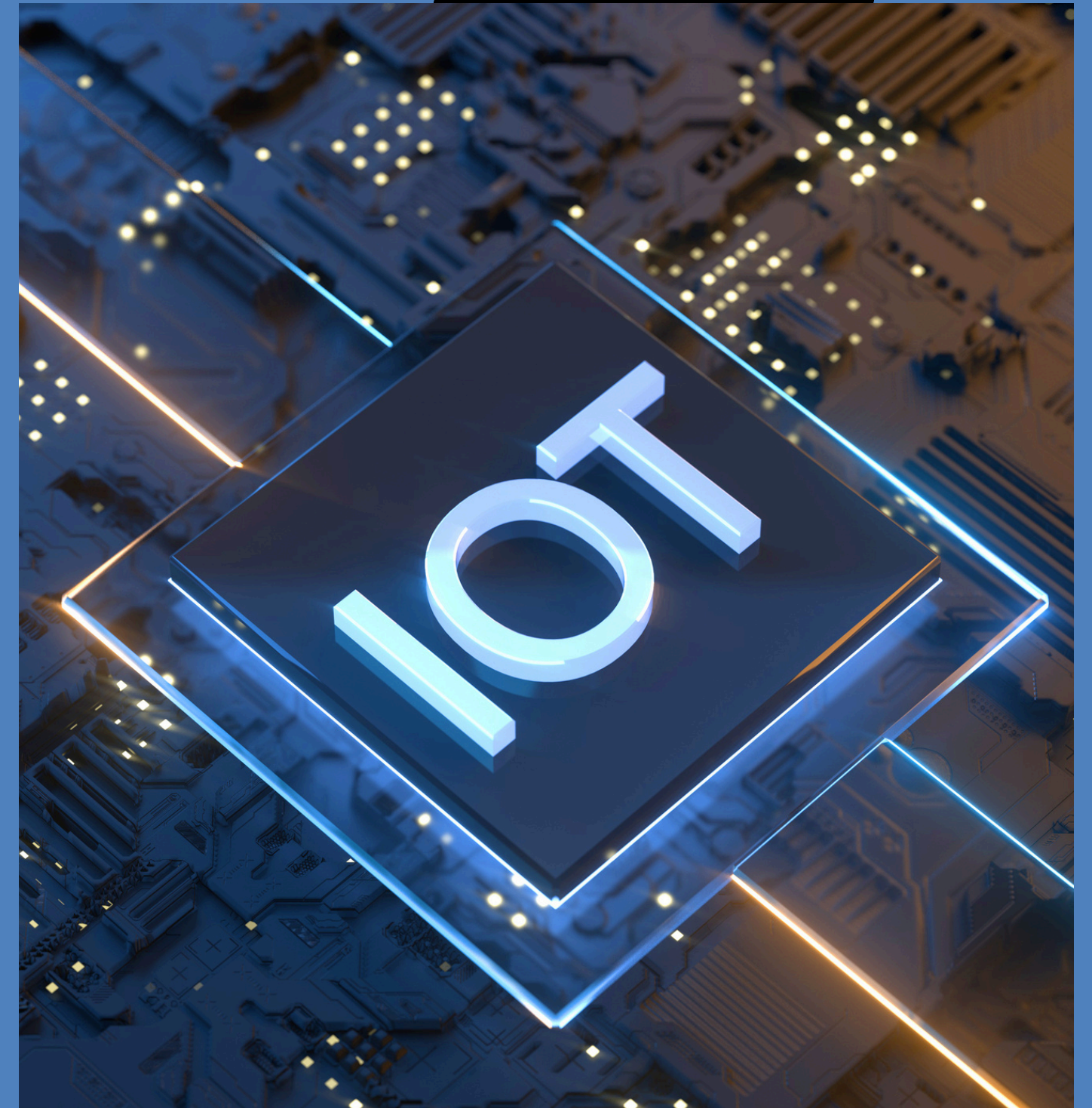
- INTRODUCTION TO PYTHON (A
MULTITASKING COMPUTER LANGUAGE)
- DATA STRUCTURES AND ALGORITHMS
- SYNTAX
- PROGRAMMING THROUGH PYTHON
- PROBLEM SOLVING WITH PYTHON

```
        'role_id' => $role_details['id'],  
        'resource_id' => $resource_details['id']  
    );  
    $this->rule_exists( $resource_details['id'], $role_id,  
        $access == false ) {  
        / Remove the rule as there is currently no  
        $details['access'] = !$access;  
        $this->_sql->delete( 'acl_rules', $details );  
    }  
    / Update the rule with the new access value  
    $this->_sql->update( 'acl_rules', array( 'access' => $access )  
        , $details );  
  
    foreach( $this->rules as $key=>$rule ) {  
        if ( $details['role_id'] == $rule['role_id'] )  
            if ( $access == false ) {  
                unset( $this->rules[ $key ] );  
            } else {  
                $this->rules[ $key ]['access'] = $access;  
            }  
    }
```


IOT AND ITS APPLICATION

IN THIS MODULE, WE EXPLAIN:-

- WHAT IS IOT ?
- IOT DEVICES
- SENSORS
- MICROCONTROLLERS
- APPLICATIONS OF IOT
- ARDUINO CIRCUITS
- COMMUNICATIONS AND SOFT SKILLS



THANK YOU

