



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA**  
**माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत**

A GOVT. AIDED UGC AUTONOMOUS & NAAC ACCREDITED INSTITUTE, AFFILIATED TO R.G.P.V BHOPAL (M.P)

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**A Report**

**On**

**SUMMER INTERNSHIP PROGRAM –I**

**(May 30<sup>th</sup> to 14<sup>th</sup> June 2019)**



## Summer Internship May-June 2019

Department has organized summer internship program for UG I year students on 30<sup>th</sup> May to 14<sup>th</sup> June 2019.

**Two Week  
Summer Internship  
Programme – 2019**

For  
**B.E/ B.Tech/BArch Students**

For I Year : 30<sup>th</sup> May to 14<sup>th</sup> June 2019  
For II Year: 1<sup>st</sup> June to 16<sup>th</sup> June 2019




Est. 1957

Organized by  
**Madhav Institute of Technology & Science**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute affiliated to R.G.P.V. Bhopal, M.P.)  
[www.mitsgwalior.in](http://www.mitsgwalior.in)

**ABOUT SUMMER INTERNSHIP**

Internships are educational and career development opportunities, providing practical experience in a field or discipline. Following are the intended objectives of internship training

- Provide possible opportunities to learn, understand and sharpen the real time technical skills required at the job
- Get exposed to the current technological developments relevant to the subject area of training.
- Use the experience gained from the Internship in discussions held in the classrooms
- Create conditions conducive to quest for knowledge and its applicability on the job.
- Learn to apply the Technical knowledge in real life situations.
- Gain experience in writing reports in Technical works/projects.
- Expose students to the engineer's responsibilities and ethics
- Soft Skills

**ELIGIBILITY**

Students pursuing I & II Year BE/BTECH in any branch of Engineering & BArch from recognized Academic Institutions/ Universities

**Note: Seats are limited to 50 (Fifty) in each module**

**VENUE**

Respective departments of MITS, Gwalior

**ABOUT THE INSTITUTE**

Madhav Institute of Technology & Science, Gwalior was established in 1957 by His Highness Late Sir Jiwaji Rao Scindia, Maharaja, of the erstwhile state of Gwalior. The foundation stone of the Institute was laid by Late Dr. Rajendra Prasad, on 20<sup>th</sup> October, 1956 and the building was inaugurated by Late Dr. S. Radhakrishnan on 11<sup>th</sup> December, 1964. The president of India, Dr. Pratibha Devisingh Patil graced the Golden Jubilee Celebrations of the Institute as Chief Guest on 30<sup>th</sup> June, 2008.

The Institute has a campus of around 45 acres. The Institute offers education in eleven undergraduate programmes and twenty one PG programmes. The prime objective of the Institute is to provide quality technical education at undergraduate and postgraduate levels. Recently the Institute is also funded by World Bank under TEQIP-III to strengthen the quality of technical education.

**ORGANIZING COMMITTEE**

**Patron**  
Er. Ramesh Agrawal      Ex MLA and Secretary,  
Scindia Engineering College Society

**Chairman**  
Dr. R.K.Pandit              Director

**Coordinator**  
Dr. Rajeev Kansal        Professor, Department of Civil Engineering

**Co-Coordinator I Year**

Prof.Praveen Bansal      Assistant Professor, EED

**Co-Coordinator II Year**

Dr.Sanjeev Khanna        Assistant Professor, Humanities

**RESOURCE PERSONS**

The various sessions of this internship program will be conducted by faculty members of MITS Gwalior and experts from industries.

**INTERNSHIP MODULES**

**Modules offered for I Year (BE/BTECH/BArch)**

- Civil Engineering Department**
  - Use of Modern Surveying techniques in survey works
  - In-house testing of Engineering Materials
  - Developing concepts of smart village through model
  - Learning of computational methods in Civil Engineering using MATLAB
  - Plumbing Work.
- Mechanical Engineering Department**
  - Conventional Machines
  - Introduction to AUTOCAD for Engineering application
  - Mechanical testing and measurement
  - Dismantling & assembly of two stroke & four stroke engine
- Electrical Engineering Department**
  - Designing and Modelling of Electrical Components
  - Designing and Modelling of Electronics Components
  - Introduction to MATLAB programming for Engineers
  - Electricity usage for domestic and Industrial application
  - Hands on training for Image processing using MATLAB
  - Introduction to Solar PV array & application using Power Electronics
- Electronics Department**
  - Training on MATLAB
  - Training on Digital Circuit Design
  - Training on Electrical Circuit design using LT-Spice
  - Training on Electrical Measuring Instruments

**5. CSE & IT Department**

- Front end web developer
- Computer Hardware and Networking
- Relational database using SQL
- Problem solving through programming
- Microprocessor & Interfacing techniques
- Google Services

**6. Chemical Engineering Department**

- Application of environmental biotechnology in chemical Engineering
- Utility of heat transfer in process industry
- Introduction to Analytical Instrument

**7. Biotech Department**

- Basics of Bioinformatics
- Basic tools of Molecular modelling
- Comparison of Water Quality collected from public place with standard quality parameters
- Commercial plant and Tissue culture techniques

**8. Applied Science Department**

- 3-D Scientific Photography
- Nano structured transition metal oxides for photo catalytic applications
- Statistical Methods
- Abstract algebra
- Detection and identification of contaminants using UV spectroscopy
- Analysis of Mixtures by using the Chromatographic Technique.

**9. Architecture Department**

- Earth Workshop (Raw & Rammed earth)
- Bamboo Workshop (Geodesic dome)
- Regenerative use of Scrap materials through sustainable approach

**10. Entrepreneurship Development Cell (EDC)**

- Entrepreneurship awareness programme
- Computer fundamentals with web concepts
- Basics of refrigeration & Air conditioning (RAC)

**Modules offered for II Year (BE/BTECH/BArch)**

- **Humanities Department**
  - Soft Skills

**HOW TO APPLY/REGISTRATION**

Interested students are required to apply online through link available on Institute Website [www.mitsgwalior.in](http://www.mitsgwalior.in). It is required to upload the scanned copy of demand draft (DD) should be in favour of "Director, MITS, Gwalior" payable at Gwalior. The amount of DD should be as follows

**I Year: Internship fee Rs. 2500/-**  
**II Year: Internship fee Rs.3500/-**

If accommodation in Institute Hostel(only for outside Gwalior students) is required then add an amount of **Rs.3500/- in DD** towards loading and boarding.

The print of online filled application form duly forwarded by HOD/Principle along with DD should be sent to following address latest by **20<sup>th</sup> May 2019**:

**Director**  
**Madhav Institute of Technology and science, Gwalior**  
**Race Course Road, Gole ka Mandir, Gwalior - 474005,**  
**Madhya Pradesh, India**

**Write in the top of envelope "Application for Summer Internship Programme 2019 (I/II Year)."**

The selection is on **first come first served basis through registration online**, depending upon the availability of the seats. Selected participants will be informed by **24<sup>th</sup> May 2019**  
**Registration charges are non-refundable for selected participants.**  
**For any query mail on [internship@mitsgwalior.in](mailto:internship@mitsgwalior.in)**

**DATES & TIMINGS**

- For I Year : 30 May to 14 June 2019 (09:00-13:00)
- For II Year : 1 June to 16 June 2019(10:00-17:00)



**Prof. Praveen Bansal**  
Assistant Professor  
EED

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## Glimpses of Summer Internship 2019



*Designing and modeling of Electrical Components*



*Electricity usage for Domestic and Industrial application*

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## List of Modules Offered for Session May-June 2020

| Module Number | Faculty coordinator   | Module faculty coordinator                               | Module Name   | Brief Description  |
|---------------|---|--|---|--|
| 1.            | <b>Electrical Engineering department:</b><br>Prof.Rakesh Narvey & Prof.Himmat Singh | Prof. Nipun Gupta (9713433109) & Prof. Tarun Shrivastava | Designing and modeling of Electrical Components                 | Hands on training to design different loading arrangements, types of wiring, constructional view of measuring components, types of winding in AC and DC machines, prototype modeling of free energy , DC generators, domestic switch board and their wiring connections, series board , Inverter wiring, cable sizing etc.   |
| 2.            |   | Prof. G K Naveen Kumar & Prof. Shailendra Pratap Singh   | Designing and modeling of Electronics Components                | Verify network concepts of Kirchoff's Current & Voltage Law, design prototype model of Half wave and full wave rectifier circuits, Design of dual polarity DC power supply and theorems using bread board, Design logic gates and verify concepts in breadboard and Verification of addition, subtraction, multiplication, half adder and full adder using bread board and programming of addition, subtraction and division problem in hexadecimal numbers. |
| 3.            |   | Prof.Punjan Dohare & Prof. Rahul Sagwal                  | Introduction to MATLAB programming for Engineering applications | Introduction to MATLAB working with special matrices and toolboxes. Variables, arrays, conditional statements, loops, functions and plots will be discussed.   |
| 4.            |   | Prof.Aprajita Kumari & Prof. Shweta Kumari               | Electricity usage for Domestic and Industrial application       | Construction features of tube light, bulb, ceiling fan, cooler etc their operation and load calculation, Basics of generation, transmission , distribution, different voltage levels, types of AC and DC distribution, Power generation capacity in INDIA and abroad & its   |



Prof.Praveen Bansal  
Assistant Professor  
EED

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|    |  |  |  | geographical distribution, Domestic and Industrial load calculation and read electricity bill and tariff calculation   |
| 5. |  | Dr. Vikram and Prof. Bhavna rathore          | Hands on Training on Signal/ Image Processing Toolbox in MATLAB                                    | <p>Signal processing operations</p> <ul style="list-style-type: none"> <li>• Basic signals and sequences representation such as unit sample, unit step, real and complex valued exponential, sinusoidal, random and periodic sequences.</li> <li>• Sampling and correlation of two sequences.</li> <li>• Difference equation and filters.</li> <li>• Transforms and their usefulness in electrical and electronics networks.</li> </ul> <p>Image Processing operations</p> <ul style="list-style-type: none"> <li>• Point operations and image representation.</li> <li>• Basic Image processing operations such as sharpness, contrast, negative, masking filtering and threshold.</li> <li>• Images, their histograms and histogram normalization.</li> <li>• Extraction of meaningful information from the images, such as finding shapes, counting objects, identifying colours, measuring object size etc.</li> </ul> |
| 6. |  | Prof. Saurabh K.Rajput and Prof. Manoj Kumar | Introduction to Solar Photovoltaic and application of power Electronics switches in Solar Inverter | <p>Hands on training of Solar Photovoltaic</p> <ul style="list-style-type: none"> <li>• Sun Earth angles, Types of radiation</li> <li>• Concept of Solar cell , Solar Module, Solar Array</li> <li>• Maximum power point tracking</li> <li>• Battery Sizing and load calculation</li> </ul>  |

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|    |  |   |  | Application of power electronics in solar technology <ul style="list-style-type: none"> <li>• Power electronic switches and their operational characteristics.</li> <li>• Concept of Solar charge controller</li> <li>• Concept of solar Inverter</li> </ul>  |
| 7. | <b>Civil Engineering department:</b><br>Prof. Deepak Rastogi | Prof. Shivam Gupta & Prof. Saurav Kakani                | Use of Modern Surveying Techniques in Survey Works                     | This module will enhance the Student's skill by exploring their domain knowledge of Modern surveying in Civil Engineering. This training course shall cover both theoretical as well as practical aspects which help students to see the practical side of Civil engineering. In this module students will be exposed to various methods. The student will learn the basic principle of Surveying by using Total Station and GPS etc. They will be able to draw maps and ground features                      |
| 8. |  | Prof. Nupur Verma & Prof. Nishi Gangwar                 | In-house Testing of Engineering Materials                              | In this module following Material testing shall be done: <ul style="list-style-type: none"> <li>• Aggregate Testing</li> <li>• Concrete Field Testing</li> <li>• Concrete Strength Testing</li> <li>• Cement Testing</li> <li>• Soil Testing</li> </ul>   |
| 9. |  | Prof. Pratibha Singh and Prof. Shivendra Singh Kushwaha | Understanding of Building and Structural Elements through Model Making | This module is designed to keep in mind the need of undergraduate students of engineering who have enthusiasm to learn the fundamental concept of Building and Structural Elements. This training course shall cover both theoretical as well as practical aspects which will help students to see the practical side of Civil Engineering. The main theme of module will be oriented around hands on exposure to basic concepts Pile and Raft Foundation, Different types of Bridges and their model making. |



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| 10. |  | Prof. Almas Siddiqui & Prof. Chetan Sharma   | Developing Concepts of Smart Village through Model                  | This module aims to provide knowledge to students about the concepts of Smart Village and thereby making working models of the smart village considering various Engineering, Economical and Sustainability Aspects.  |
| 11. |  | Dr. Sanjay Tiwari & Dr. Pankaj Kumar         | Learning of Computational methods in Civil engineering using MATLAB | <p>This module aims to provide hands on engineering applications of MATLAB for engineering UG students of I year. Following topics shall be included in the module:</p> <p>Session 1 shows how MATLAB is used in engineering and introduces a standard problem-solving methodology.</p> <p>Session 2 introduces the MATLAB environment and the skills required to perform basic computations. This Module also introduces M-files, and the concept of organizing code into cells. Doing so early in the text makes it easier for students to save their work and develop a consistent programming strategy.</p> <p>Session 3 details the wide variety of problems that can be solved with built-in MATLAB functions. Background material on many of the functions is provided to help the student understand how they might be used.</p> <ul style="list-style-type: none"> <li>• Session 4 demonstrates the power of formulating problems by using matrices in MATLAB and expanding on the techniques employed to define those matrices</li> </ul> |
| 12. |  | Prof. Mohit Aggarwal & Prof. Shashank Sharma | Plumbing Work   | In this introductory plumbing class, students learn about the scientific underpinnings of plumbing. The module covers drainage, sewer and vent pipe systems and gives an overview of plumbing codes. Beginner-level plumbing classes like this one have no prerequisites  |

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| 13. | <b>Mechanical Engineering Department:</b><br>Dr.Amit Ahirwar & Prof.Vaibhav Shivhare | Prof. Kapil Tyagiv & Prof. Kostubh Khot<br>Mr. Bharat sakwar (for hands on training in workshop) | Conventional machine  | The students will have to go through the various Conventional Machines and understand its different components and then perform various operations on the same  |
| 14. |  | Dr. Dharmendra Jain<br>Prof. K.K. Yadav  | Dismantling & assembling of two strokes & four Stroke Engine. | Hands on experience of dismantling and assembling of two stroke and four stroke engine. Practical session with theory classes will be arranged for the awareness of advance automotive technologies being used.   |
| 15. |  | Prof. Shubham shrivastav & Prof. Sumit Singh   | Repair and maintenance of a vehicle.                          | Hands on experience of repair and maintenance of vehicle, along with the practical session some theory classes will also be arranged for the awareness of basics of automotive technologies being used.   |
| 16. |  | Prof. Utkarsh & shrivastava<br>Prof. Dhruv Maggu   | Introduction to Auto CAD for Engineering Applications         | The students will be introduced to the principles and practices of Computer-aided Drafting.   |
| 17. |  | Prof. Ajay Rajput & Dr. Naresh Raghuwanshi   | Mechanical Testing and Measurement                            | Performance of different mechanical tests on materials such as Tensile Test, Impact Testing, Hardness Testing, and Fatigue Test etc. The students will have to go through the various engineering measuring Instruments and understand its applications |
| 18. | <b>Electronics Engineering Department:</b><br>Prof.Deepak Batham &                   | Dr. Vikas Mahor and Prof. Rakesh Naik  | Training on PCB Designing & Circuit Wizard                    | To provide hands-on experience in PCB circuit design using software and to familiarize with PCB fabrication process. To provide hands on experience in assembly and testing of electronics circuit.   |
| 19. |  | Dr. Ashish Gupta, and Prof. Deepak Batham  | Training on MATLAB  | Hands on training on MATLAB include writing of code in MATLAB as well as designing of circuit.  |





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| 20. | Prof.Arun Chauhan  | Prof. Aruna Chauhan, and Prof. Santosh Sharma    | Training on Digital Circuit Design                   | To provide hands on experience in digital circuit design using bread board. To provide hands on experience in assembly and testing of digital circuits.  |
| 21. |  | Prof. Chaitanya Dhopte, and Prof. Arpita Singhal | Training on Electrical Circuit Design using LT-Spice | To provide hands on experience in electrical circuit design using bread board. To provide experience in assembly and testing of electrical circuit.  |
| 22. |  | Prof. Praveen Kumar Singh                        | Training on Electronics Measuring Instruments        | To provide state-of-art training on electronics measuring instruments And, to understands working and applications of measuring instruments.   |
| 23. |  | Prof. Saurabh Singh Raghuvanshi                  | Python for Engineers                                 | This module is targeted to provide basic understanding of Python language. Moreover, Scientific and numerical applications will also be explore.   |
| 24. | <b>CSE &amp; IT Department :</b><br>Prof.Vikas Sejwar & Prof.Abhilash Sonkar | Mr. Lav Upadhyay                                 | Front End Web Developer                              | <ul style="list-style-type: none"> <li>• Design dynamic website using HTML5, CSS and Advanced JavaScript</li> <li>• Apply the principles and tools that are used to develop Web applications</li> <li>• Implement jQuery, AngularJS and Bootstrap in web pages</li> </ul>  |
| 25. |  | Mr. Dheeraj Gurjar                               | Computer Hardware & Networking                       | <ul style="list-style-type: none"> <li>• Demonstration of operating system installation and hardware configuration.</li> <li>• Demonstration of networking devices and IP addressing for communication and connection of internet.</li> <li>• Simulation and study of network using different networking tools.</li> </ul> |
| 26. |  | Ms. Pooja Agrawal                                | Internet of Things (IoT)                             | <ul style="list-style-type: none"> <li>• Acquire fundamental knowledge of networking, sensors and actuators.</li> <li>• Develop an understanding of IoT-based applications such as agriculture, innovative</li> </ul>  |

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|     |                                |                         |  | shopping system, infrastructure management, remote health monitoring and emergency notification systems, and transportation systems <ul style="list-style-type: none"> <li>• Demonstration of acquired knowledge using hardware and software tools like Arduino, Raspberry Pi.</li> </ul>  |
| 27. |                                | Ms. Shivangi Garg       | Relational Database Using SQL                            | <ul style="list-style-type: none"> <li>• Demonstrate an understanding of the elementary &amp; advanced features of DBMS &amp; RDBMS</li> <li>• Develop a clear understanding of the conceptual frameworks and definitions of specific terms that are integral to the Relational Database Management System</li> <li>• Examine techniques pertaining to Database design practices using SQL Commands</li> </ul> |
| 28. |                                | Mr. Sheo Kumar          | Problem Solving Through Programming                      | <ul style="list-style-type: none"> <li>• Introduction to basic programming concepts</li> <li>• Develop problem solving skills helpful for solving programming problems in projects and academics.</li> <li>• Develop thinking capability in students towards real time problems and game development.</li> </ul>   |
| 29. |                                | Mr. Mir Shahnawaz Ahmad | Python Programming With Applications To Machine Learning | <ul style="list-style-type: none"> <li>• Basic Programming concepts using python.</li> <li>• Object oriented programming concepts using python.</li> <li>• Concepts of machine learning and its implementations in python and R.</li> </ul>  |
| 30. | <b>CSE &amp; IT Department</b> | Mr. Mahesh Parmar       | Android Based Application Development.                   | <ul style="list-style-type: none"> <li>• Build and deploy Android application.</li> <li>• Understand the operation of the application, application lifecycle, configuration files, intents, and activities.</li> <li>• Understanding of the UI - components, layouts, event handling, and screen orientation.</li> </ul>   |

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| 31. |  | Mr. Vikas Sejwar                            | Microprocessor & Interfacing Techniques  | <ul style="list-style-type: none"> <li>To interpret, analyze, verify and troubleshoot microprocessor circuits and interfacing using appropriate techniques and test equipment.</li> </ul>   |
| 32. |  | Mr. Abhilash Sonkar                         | Google Services  | <ul style="list-style-type: none"> <li>Managing, Sharing, Analyzing, Distribution of data using various Google services.</li> </ul>   |
| 33. | <b>Chemical Engineering</b><br>department:<br>Prof.Sulochana Nagar | Prof. Arti Sahu &<br>Prof. Sulochana Nagar  | Utility of Heat Transfer in Process Industry   | This module helps to provide the fundamentals of heat transfer and working of equipments for industrial process. Types of various heat transfer process. Theory and working of heat transfer equipments such as heat exchangers and condensers.   |
| 34. |  | Prof. Sachin R. Geed & Dr. Kulbhushan Samal | Application of Environmental Biotechnology in Chemical Engineering                                 | This module helps to know the application of environmental biotechnology in chemical engineering. Now a day's environmental pollution is big issue keeping this fact in mind we plan to design this module. This also gives the brief information on types of the bio-filter, bioreactors and integrated systems used to clean up the environmental pollutants. The laboratory experiments on water and wastewater characteristics (COD, BOD, DO, etc.) give the knowledge about water pollution. |
| 35. |  | Dr. Antaram N. Sarve                        | Introduction to Analytical Instruments   | Analytical measurements are required in a wide range of fields beyond the chemical industry such as biochemistry and the pharmaceutical industry, environmental sciences, forensic sciences, and the food industry amongst others. The module will provide an introduction into the fundamentals of chemical analysis, including an understanding of some of the most important analytical techniques today.  |
| 36. |  | Dr. Sunita Sharma & Prof. Vishal Ranjan     | Comparison of water quality collected from public place with the standard water quality parameters | This in-house training program aims at investigating the physical, chemical and biological water quality parameters from the water dispensers installed at public places. The results will be compared to established   |

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|     | <b>Biotech<br/>Department:</b><br>Dr.Sunita Sharma |                                      |  | drinking water standards and frame guidelines to trace following compliance; (1) safeguard consumers from possible chemical and microbial contaminants which may occur in water suppliers, (2) set recommendations for proper maintenance and cleaning measures, and (3) increase awareness and confidence in the quality of water consumed.   |
| 37. |  | Prof. Rahul Anand                    | Basic tools of Molecular Modelling   | This module aims to provide hands on training for simulating, predicting and analyzing molecular structures of biomolecules using classical mechanics and electrostatics <i>in-silico</i> . This training will fulfill the pre requisite required for advance courses like computer aided drug design and computational biology.   |
| 38. |  | Prof. Vinod Kumar Jatav              | Basics of Bioinformatics   | This module focuses to provide basic information on application of information technology in analysis of biological data. Storage and retrieval of biological data for carrying out various analytical studies, sequence similarity between DNA, protein sequence and its analysis, protein structure prediction, protein structure validation, visualization, will be covered in the course. This module will lay foundation to understand in depth mechanism involved in various life processes.   |
| 39. |  | Dr. Radhika, R. and Prof. Shikha Jha | Commercial Plant Cell and Tissue Culture Techniques: A biotechnological tool for the conservation of natural resources | Plant tissue culture is an applied biotechnological tool for mass propagation, virus elimination, secondary metabolite production and <i>invitro</i> cloning of plants. The pioneer plant tissue culture method has been the demonstration for several decades in the production of totipotent plant species. The entire plant system from any type of explants, small tissue or plant cells can be developed in an appropriate culture medium under controlled environment. To attest the plant tissue culture technique, conservation of recalcitrant or |

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|     |   |                     |   | dormant plant species are also highly possible by this method when compared to that of conventional methods of conservation. This universal and unique commercial plant tissue culture technology has been widely inculcated in the area of agriculture, horticulture, forestry and plant breeding for large-scale multiplication of plants. Moreover, this technology is referred to as an alternative technology for the utilization and conservation of natural plant resources or species without deteriorating the existing plant system available in the field for the benefits of human welfare. |
| 40. | Applied Science department:<br>Dr.Prachi Sharma | Dr. Anjula Gaur     | Detection and identification of contaminants using uv spectroscopy. | This internship is about to educate students, the theoretical as well as the practical knowledge of UV-Visible spectrophotometer. It aims to provide the practical importance of this spectroscopic technique and make the students able to use it for detecting the contamination in various industrial influents. At the end of the training programme, students would be familiar with working on spectrophotometer in various aspects. Lectures, assignments and hands on experiment would be covered in this course.   |
| 41. |   | Dr. Hansnath Tiwari | Analysis of Mixtures by using the Chromatographic Technique.        | This internship is about the chromatographic separation and its application. It aims to provide the practical realization of working with chromatography technique such as TLC and Paper chromatography. At the end of the training programme, students will be able to express the working of chromatographic technique with respect to the industrial approach. Lectures assignments and hands on experienced would be covered in this course.  |

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| 42. | <b>Applied Science<br/>department:</b><br>Dr.Prachi Sharma | Dr. Prachi Sharma                         | Laser Technology   | <p>This internship is about the LASER system and its applications. It aims to provide students the practical realization of working with He-Ne LASER.</p> <p>At the end of the program/training, student will be able to express the working of a Hologram with respect to the engineering application, with the help of He-Ne LASER</p>   |
| 43. |  | Prof. Deobrat Singh                       | Nano structured transition metal oxides for photo catalytic applications | <p>The projects aims at synthesizing new nano structured transition metal oxides by employing suitable synthetic methods. The oxides will be characterized by powder X-ray diffraction, UV-vis DRS, FT-IR, Raman, Field-emission scanning electron microscopy, transmission electron microscopy, surface area analysis etc.</p>  |
| 44. |  | Dr. Ashish Verma & Prof. Jitendra Muthale | Statistical Methods  | <p>Measures of Central Tendency, Measures of distribution, Skewness, Kurtosis Measures of dispersion and Standard deviation.</p> <p>Moments, Moments generating function, Correlation and Regression for signal and multi variables, Distributions function and Probability density function, Central Limit Theorem.</p> <p><b>Basic</b> concepts of probability, Probability distribution, discrete and continuous. Probability distributions some special distribution, compound probability, conditional Probability, Baye's theorem.</p> <p>Testing of Hypothesis, Origin of the theory of sampling, chi-square (<math>\chi^2</math>) distribution, the t-distribution, Fisher's Z-distribution, student-distribution.</p> |

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| 45. |   | <u>Prof. Angad Singh Ojha &amp; Dr. Ashish Verma</u> | Abstract Algebra                                   | Groups and sub-groups and its properties, Sylows First, Second and Third Theorems, p-Sylow Subgroups, Double Costs Conjugate Groups, Normal and Subnormal Series, Composition Series, Jordan Holder Theorem, Solvable Groups, Comutator Subgroups. Modules, Cyclic Modules, Simple Modules, Finitely Generated Modules, Fundamental Structure Theorem for Finitely Generated Modules. Field Theory, Extension Fields, Algebraic Extensions, Normal Extensions, Simple Extension, Splitting Fields, Canonical Forms, Similarity of Linear Transformations, Invariant Subspaces, Nilpotent Transformations. |
| 46. | <b>Entrepreneurship Development cell</b><br>:<br>Prof.Prabhkar Sharma | Dr.Prabhakar Singh Bhadouria (EDC)                   | Entrepreneurship Awareness Programme               | Introduction of Entrepreneurship ;Objectives and Scope of Entrepreneurship; Types of Industries; Forms of Business Ownership; Role of Management; Sources of Finance; Role of Govt. Department/Agencies; Taxation and Documentation; Sales & Marketing; Industry Standards; Selection of Business & DPR   |
| 47. |   | Mr.Akshat Agrawal (EDC)                              | Computer Fundamentals with Web Concepts            | Introduction to Computers – Von Neumann Architecture; Hardware Components of a Computer System; Software Concepts: System and Application Software; Operating System Concepts – Windows Installation and Un-installation of Software's; Microsoft Office 2007; Internet Concepts – Client Server Paradigm; Hyper Text Mark Up Language Concepts; Hyper Text Mark Up Language Concepts; World Wide Web Concepts  |
| 48. |   | Er.Satish Sharma (EDC)                               | Basics of Refrigeration and Air Conditioning (RAC) | Introduction to Refrigeration ;Basics of Electricity and Electronics; Air Conditioning System; Refrigeration &  |

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|     |  |                                       |   | Air Conditioning Machines; Components of RAC Machines - Compressor; Components of RAC Machines – Condenser; Components of RAC Machines - Evaporator; Components of RAC Machines – Expansion Valves; Refrigerants; Service Tools for RAC; RAC Safety Methods; Identifying the problem in RAC Machines; Servicing of RAC Machines |
| 49. | Department of Architecture<br>Dr.S.S Jadon | Ar.Priya Gupta<br>Ar.Shefali<br>Yadav | Earth Workshop (Raw and Rammed earth)                             | Aim is to build walls with both traditional raw earth construction (wattle and daub technique) and modern stabilized techniques.  |
| 50. |  |                                       | Bamboo Workshop (Geodesic dome)                                   | Students will receive knowledge and skills as well as awareness of and practice in utilizing technologies that use bamboo, possibly in combination with other materials, and that help to conserve the environment.   |
| 51. |  |                                       | Regenerative use of Scrap materials through sustainable approach. | Through this workshop, the students will be able to explore various aspects of sustainable living.  |

### List of registered students in Modules:

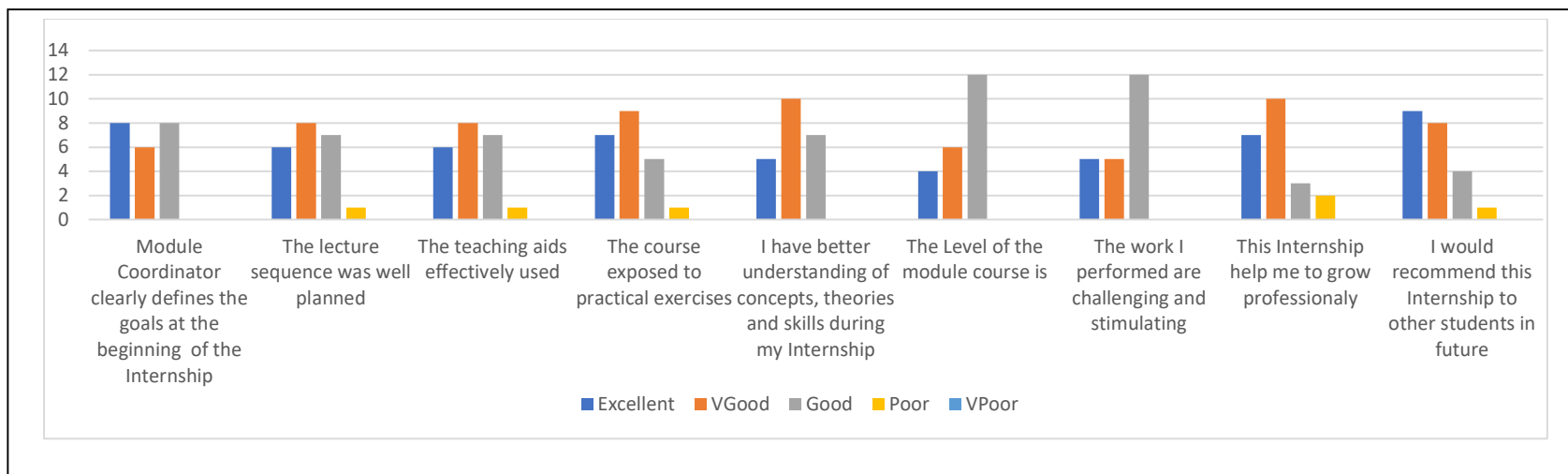
|   |  |    |
|---|--|----|
| 1 | Understanding of Building and Structural Elements through Model Making | 50 |
| 2 | Repair and maintenance of a vehicle.                                   | 50 |
| 3 | Training on PCB Designing & Circuit Wizard                             | 50 |
| 4 | Internet of Things (IoT)   | 50 |
| 5 | Python Programming With Applications To Machine Learning               | 50 |
| 6 | Android Based Application Development.                                 | 50 |
| 7 | Python for Engineers   | 50 |
| 8 | Designing and modeling of Electrical Components                        | 48 |



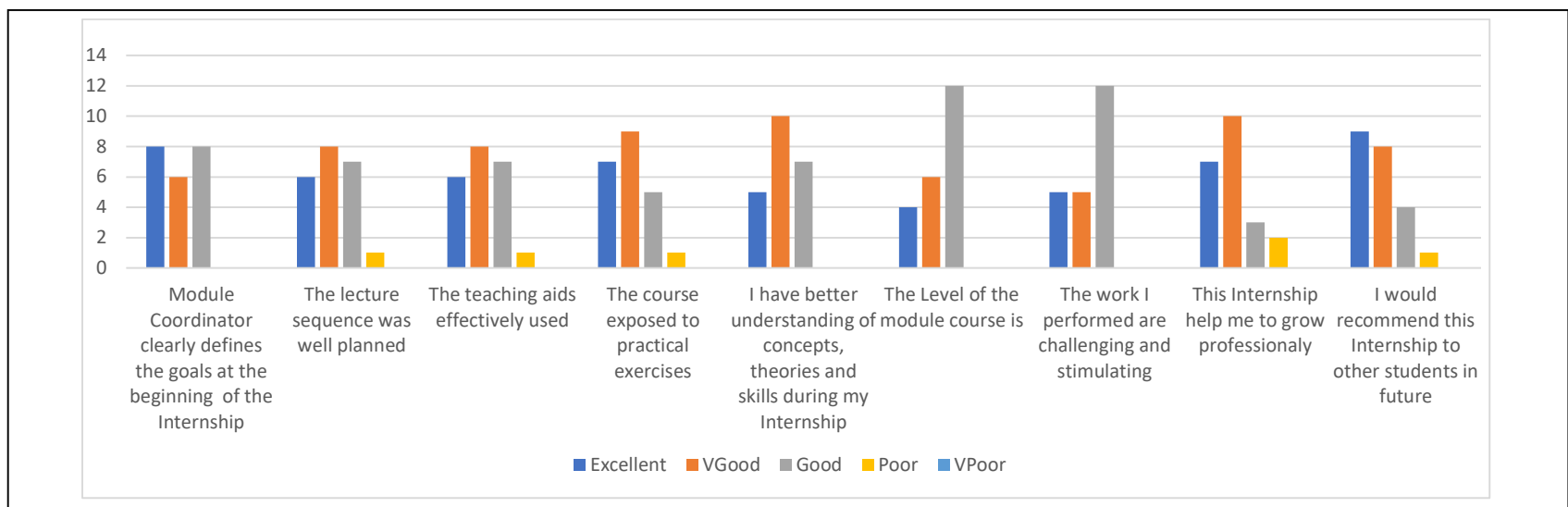
|    |  |    |
|----|--|----|
| 9  | Introduction to Auto CAD for Engineering Applications  | 42 |
| 10 | Dismantling & assembling of two strokes & four Stroke Engine.                                      | 41 |
| 11 | Problem Solving Through Programming  | 38 |
| 12 | Front End Web Developer  | 37 |
| 13 | Use of Modern Surveying Techniques in Survey Works   | 34 |
| 14 | Training on MATLAB   | 32 |
| 15 | Computer Hardware & Networking   | 22 |
| 16 | Introduction to Analytical Instruments   | 21 |
| 17 | Introduction to MATLAB programming for Engineering applications                                    | 19 |
| 18 | Bamboo Workshop(Geodesic dome)   | 17 |
| 19 | In-house Testing of Engineering Materials  | 16 |
| 20 | Utility of Heat Transfer in Process Industry   | 16 |
| 21 | Entrepreneurship Awareness Programme   | 15 |
| 22 | Designing and modeling of Electronics Components   | 13 |
| 23 | Electricity usage for Domestic and Industrial application  | 11 |
| 24 | Hands on Training on Signal/ Image Processing Toolbox in MATLAB                                    | 11 |
| 25 | Conventional machine   | 11 |
| 26 | Earth Workshop(Raw and Rammed earth)   | 11 |
| 27 | Introduction to Solar Photovoltaic and application of power Electronics switches in Solar Inverter | 10 |
| 28 | Google Services  | 9  |
| 29 | Training on Digital Circuit Design   | 7  |

## Summer Internship Feedback of UG I Year Students :2019

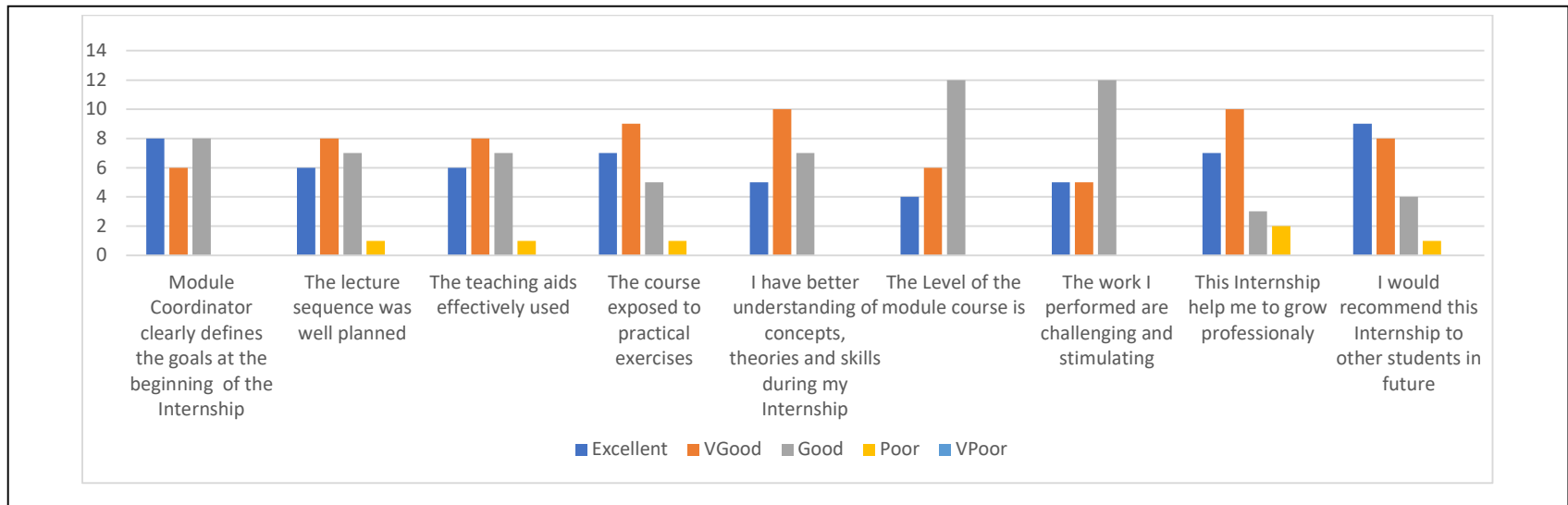
|                              |  |  |   |  |  |  |   |   |  |
|------------------------------|--|--|---|--|--|--|---|---|--|
| Department                   | Computer Science and Engineering   |  |   |  |  |  |   |   |  |
| Name of Module               | Computer Hardware & Networking   |  |   |  |  |  |   |   |  |
| Name of Faculty Coordinators | Prof.Dheeraj Gurjar  |  |   |  |  |  |   |   |  |
|                              | <b>Module Coordinator clearly defines the goals at the beginning of the Internship</b> | <b>The lecture sequence was well planned</b> | <b>The teaching aids effectively used</b> | <b>The course exposed to practical exercises</b> | <b>I have better understanding of concepts, theories and skills during my Internship</b> | <b>The Level of the module course is</b> | <b>The work I performed are challenging and stimulating</b> | <b>This Internship help me to grow professionally</b> | <b>I would recommend this Internship to other students in future</b> |
| Excellent                    | 8  | 6  | 6   | 7  | 5  | 4  | 5   | 7   | 9  |
| VGood                        | 6  | 8  | 8   | 9  | 10   | 6  | 5   | 10  | 8  |
| Good                         | 8  | 7  | 7   | 5  | 7  | 12                                       | 12  | 3   | 4  |
| Poor                         | 0  | 1  | 1   | 1  | 0  | 0  | 0   | 2   | 1  |
| VPoor                        | 0  | 0  | 0   | 0  | 0  | 0  | 0   | 0   | 0  |
|                              | 4.0  | 3.9  | 3.9                                       | 4.0  | 3.9  | 3.6                                      | 3.7   | 4.0   | 4.1  |
| <b>Average</b>               | <b>3.9</b>   |  |   |  |  |  |   |   |  |



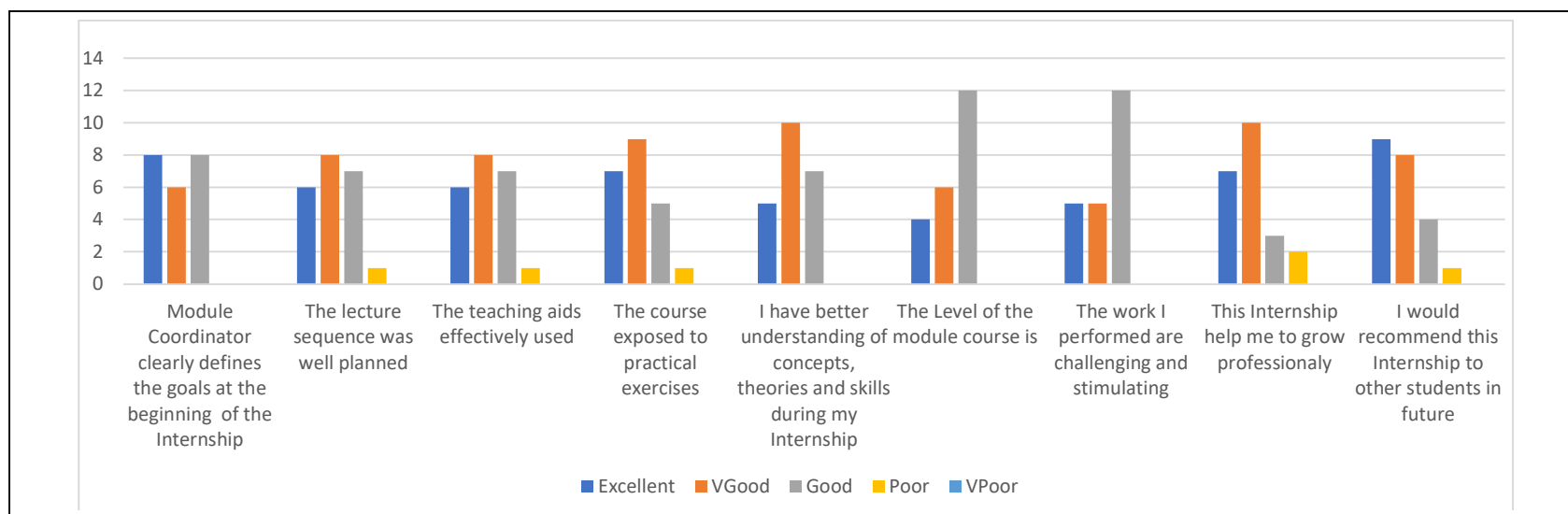
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|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electrical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Designing and modeling of Electrical Components                                 |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof.Nipun Gupta & Prof.Tarun Shrivastava                                       |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 28  | 24                                    | 19                                 | 28  | 23  | 15                                | 17   | 17   | 20  |
| VGood                        | 7   | 10                                    | 12                                 | 8   | 9   | 15                                | 15   | 16   | 10  |
| Good                         | 3   | 3                                     | 7                                  | 1   | 2   | 7                                 | 5  | 3  | 6   |
| Poor                         | 0   | 1                                     | 0                                  | 1   | 3   | 2                                 | 2  | 2  | 2   |
| VPoor                        | 1   | 1                                     | 1                                  | 1   | 2   | 0                                 | 0  | 1  | 1   |
|                              | 4.6   | 4.4                                   | 4.2                                | 4.6                                       | 4.2   | 4.1                               | 4.2  | 4.2  | 4.2   |
| Average                      | 4.3   |                                       |                                    |   |   |                                   |  |  |   |



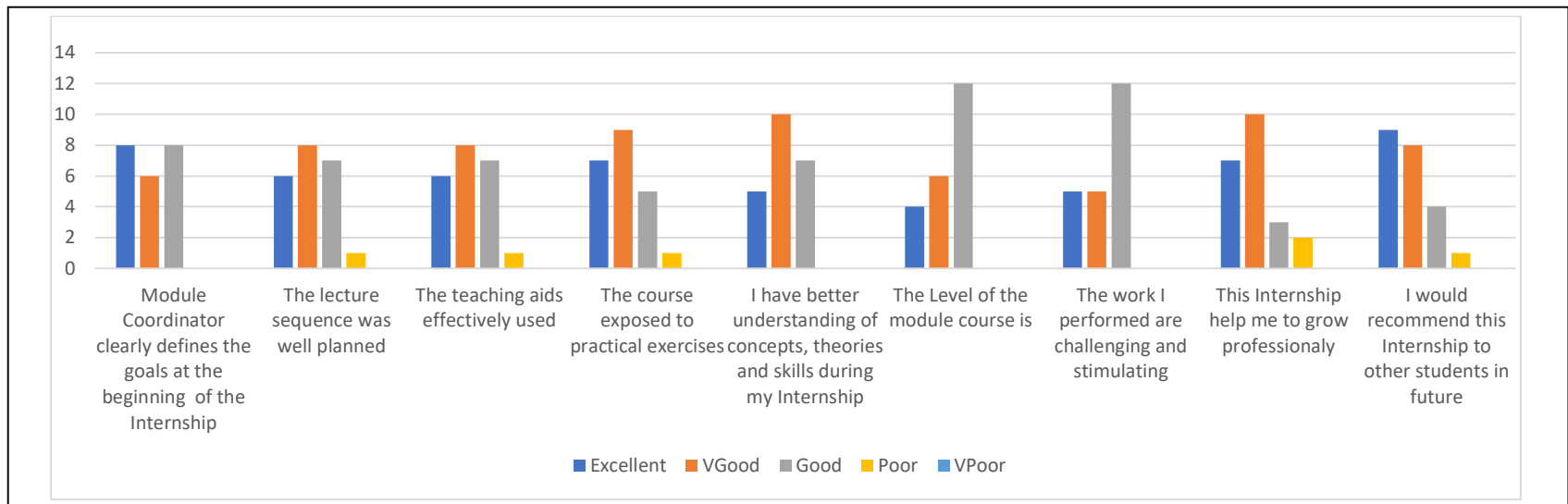
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Mechanical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Dismantling & assembling of two strokes & four Stroke Engine.                   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Dr. Dharmendra Jain & Prof. K.K. Yadav  |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 12  | 11                                    | 11                                 | 19  | 15  | 8                                 | 8  | 15   | 15  |
| VGood                        | 12  | 14                                    | 15                                 | 12  | 10  | 10                                | 16   | 9  | 9   |
| Good                         | 10  | 7                                     | 7                                  | 5   | 11  | 16                                | 9  | 8  | 9   |
| Poor                         | 4   | 6                                     | 4                                  | 3   | 3   | 5                                 | 5  | 6  | 3   |
| VPoor                        | 1   | 1                                     | 2                                  | 0   | 0   | 0                                 | 1  | 1  | 3   |
|                              | 3.8   | 3.7                                   | 3.7                                | 4.2                                       | 3.9   | 3.5                               | 3.6  | 3.8  | 3.8   |
| Average                      | <b>3.8</b>  |                                       |                                    |   |   |                                   |  |  |   |



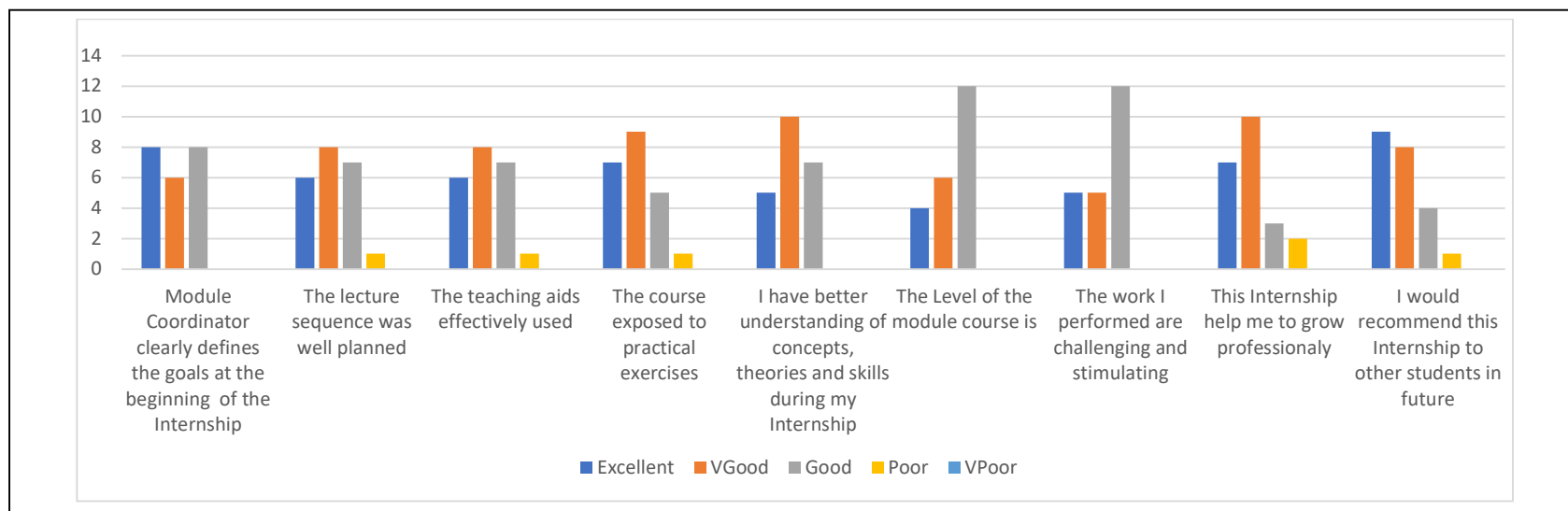
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electrical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Designing and modeling of Electronics Components                                |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. G K Naveen Kumar & Prof. Shailendra Pratap Singh                          |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 7   | 2                                     | 3                                  | 7   | 4   | 4                                 | 4  | 4  | 3   |
| VGood                        | 3   | 7                                     | 6                                  | 3   | 6   | 4                                 | 4  | 7  | 6   |
| Good                         | 2   | 3                                     | 3                                  | 2   | 2   | 5                                 | 5  | 2  | 3   |
| Poor                         | 0   | 0                                     | 1                                  | 0   | 1   | 0                                 | 0  | 0  | 1   |
| VPoor                        | 2   | 2                                     | 1                                  | 2   | 1   | 1                                 | 1  | 1  | 1   |
|                              | 3.9   | 3.5                                   | 3.6                                | 3.9                                       | 3.8   | 3.7                               | 3.7  | 3.9  | 3.6   |
| Average                      | <b>3.8</b>  |                                       |                                    |   |   |                                   |  |  |   |



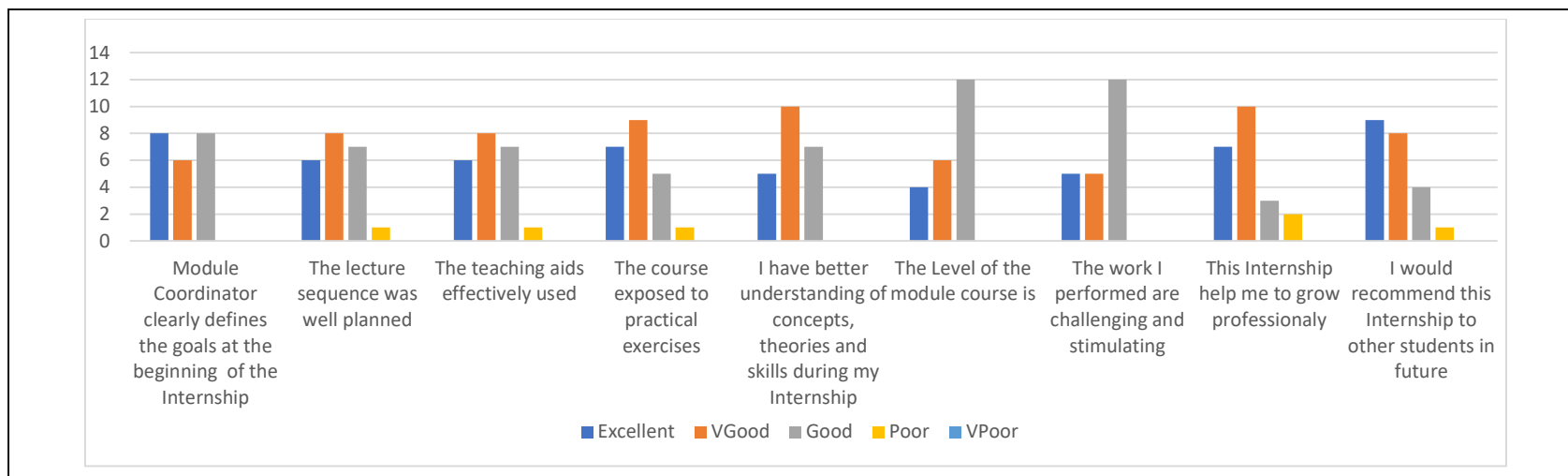
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electrical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Electricity usage for Domestic and Industrial application                       |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof.Aprajita Kumari & Prof. Shweta Kumari                                      |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 5   | 5                                     | 3                                  | 5   | 4   | 2                                 | 4  | 5  | 4   |
| VGood                        | 1   | 1                                     | 3                                  | 2   | 3   | 5                                 | 2  | 3  | 2   |
| Good                         | 3   | 3                                     | 4                                  | 2   | 2   | 3                                 | 4  | 2  | 4   |
| Poor                         | 1   | 0                                     | 0                                  | 1   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 0   | 1                                     | 0                                  | 0   | 1   | 0                                 | 0  | 0  | 0   |
|                              | 4.0   | 3.9                                   | 3.9                                | 4.1                                       | 3.9   | 3.9                               | 4.0  | 4.3  | 4.0   |
| Average                      | <b>4.0</b>  |                                       |                                    |   |   |                                   |  |  |   |



|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Entrepreneurship Awareness Programme(EDC CELL)                                  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Entrepreneurship Awareness Programme  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Dr.Prabhakar Singh Bhadouria  |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 5   | 2                                     | 3                                  | 3   | 4   | 2                                 | 2  | 3  | 4   |
| VGood                        | 1   | 1                                     | 2                                  | 1   | 2   | 3                                 | 2  | 3  | 1   |
| Good                         | 0   | 2                                     | 1                                  | 1   | 0   | 1                                 | 2  | 0  | 1   |
| Poor                         | 0   | 0                                     | 0                                  | 1   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 0   | 1                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.8   | 3.5                                   | 4.3                                | 4.0                                       | 4.7   | 4.2                               | 4.0  | 4.5  | 4.5   |
| Average                      | 4.3   |                                       |                                    |   |   |                                   |  |  |   |

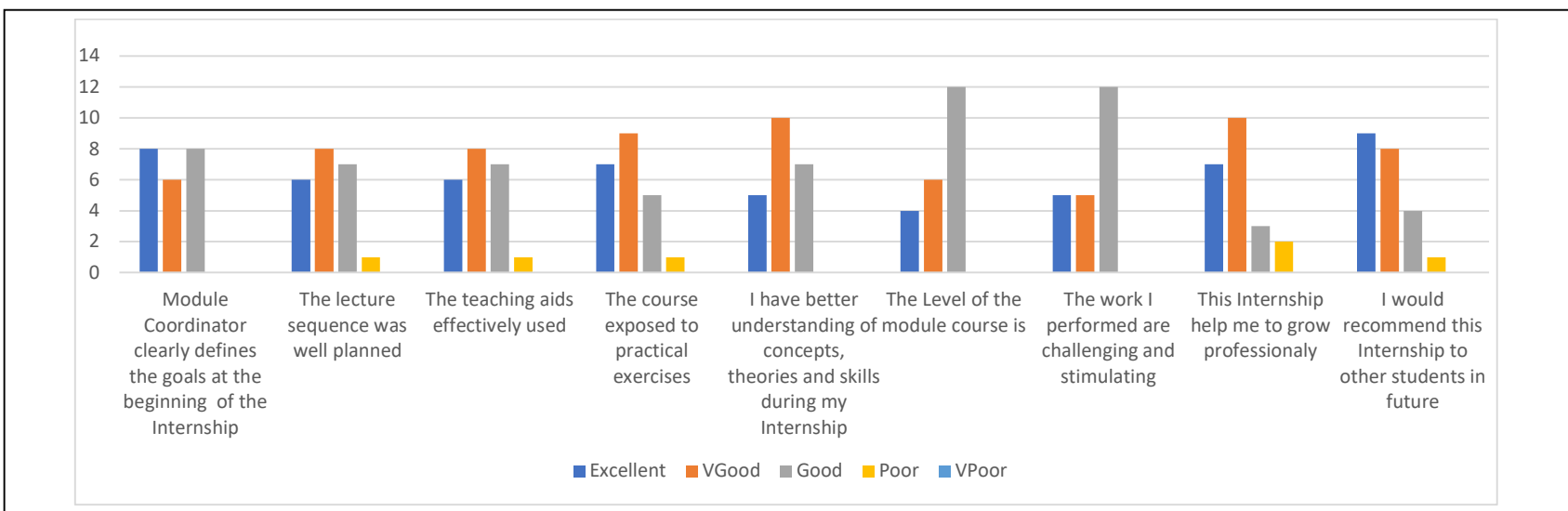


|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Computer Science & Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Google Services   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Mr. Abhilash Sonkar   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 3   | 1                                     | 1                                  | 2   | 2   | 0                                 | 2  | 3  | 2   |
| VGood                        | 3   | 4                                     | 2                                  | 4   | 2   | 1                                 | 2  | 1  | 1   |
| Good                         | 0   | 1                                     | 3                                  | 0   | 2   | 5                                 | 2  | 2  | 3   |
| Poor                         | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.5   | 4.0                                   | 3.7                                | 4.3                                       | 4.0   | 3.2                               | 4.0  | 4.2  | 3.8   |
| Average                      | <b>4.0</b>  |                                       |                                    |   |   |                                   |  |  |   |

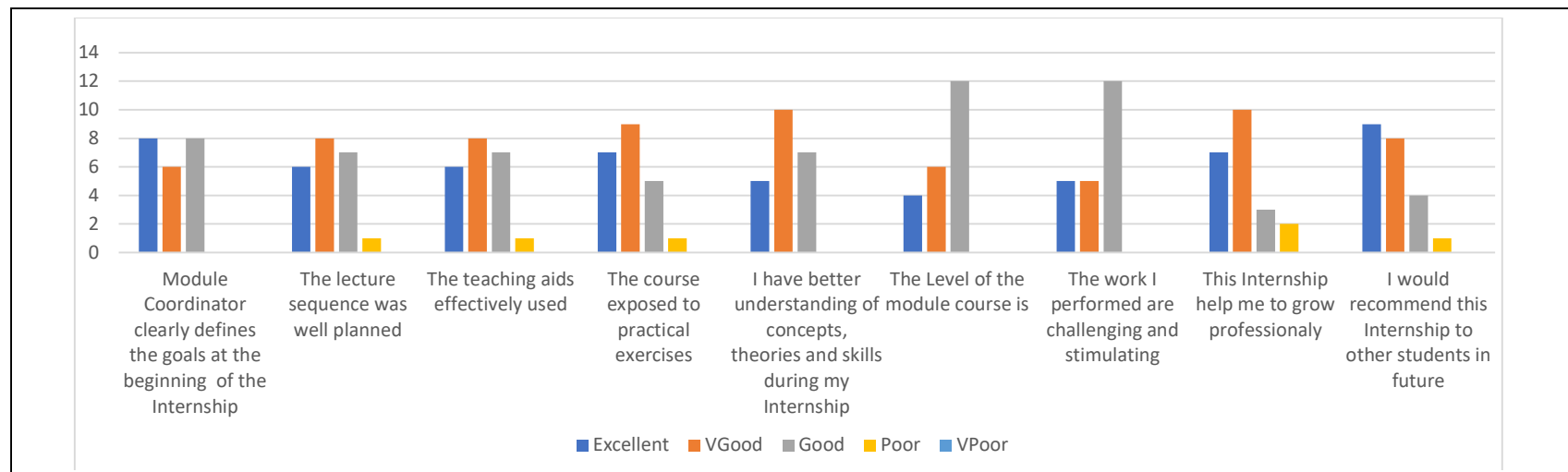




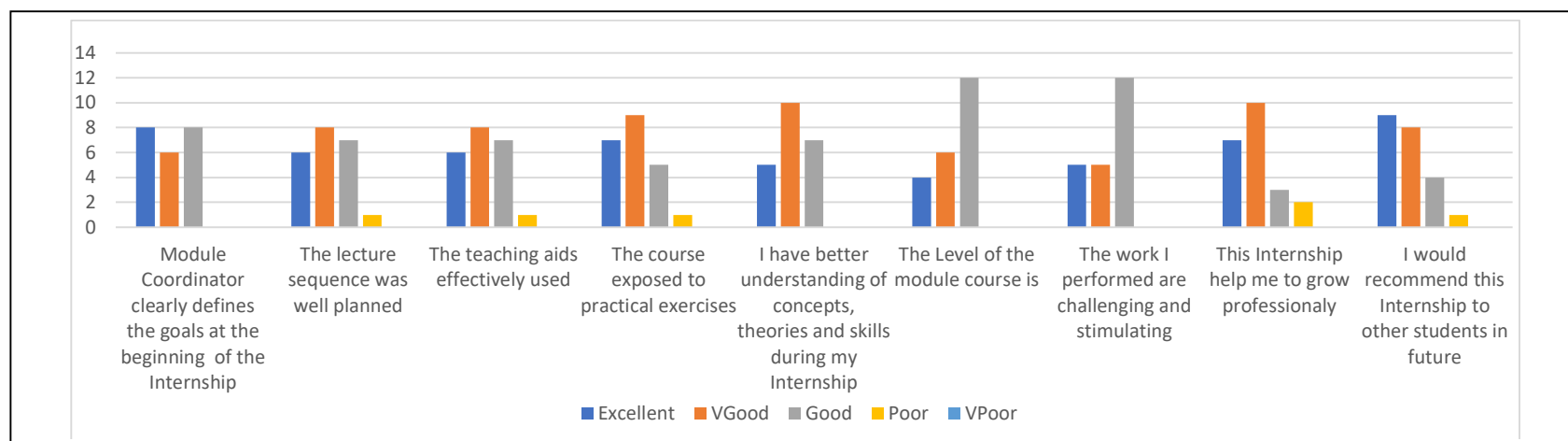
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|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Mechanical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Introduction to Auto CAD for Engineering Applications                           |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. Utkarsh & shrivastava & Prof. Dhruv Maggu                                 |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 23  | 20                                    | 20                                 | 23  | 23  | 9                                 | 14   | 18   | 22  |
| VGood                        | 10  | 11                                    | 13                                 | 12  | 10  | 17                                | 15   | 11   | 9   |
| Good                         | 5   | 4                                     | 3                                  | 2   | 3   | 9                                 | 6  | 7  | 5   |
| Poor                         | 0   | 3                                     | 2                                  | 1   | 2   | 2                                 | 3  | 2  | 2   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 1                                 | 0  | 0  | 0   |
|                              | 4.5   | 4.3                                   | 4.3                                | 4.5                                       | 4.4   | 3.8                               | 4.1  | 4.2  | 4.3   |
| Average                      | 4.3   |                                       |                                    |   |   |                                   |  |  |   |



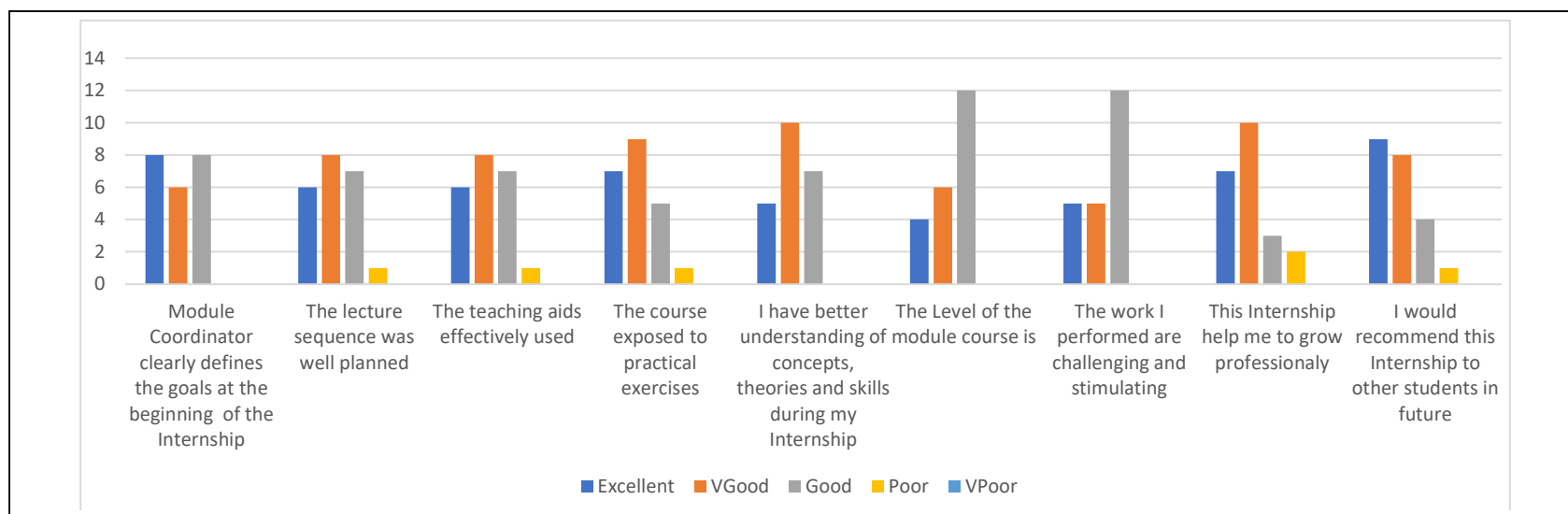
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electrical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Introduction to MATLAB programming for Engineering applications                 |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof.Punjan Dohare & Prof. Rahul Sagwal   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 11  | 11                                    | 10                                 | 10  | 9   | 3                                 | 5  | 7  | 9   |
| VGood                        | 7   | 5                                     | 5                                  | 6   | 6   | 7                                 | 9  | 8  | 6   |
| Good                         | 1   | 3                                     | 3                                  | 2   | 4   | 10                                | 5  | 2  | 1   |
| Poor                         | 1   | 1                                     | 1                                  | 2   | 1   | 0                                 | 1  | 3  | 1   |
| VPoor                        | 0   | 0                                     | 1                                  | 0   | 0   | 0                                 | 0  | 0  | 3   |
|                              | 4.4   | 4.3                                   | 4.1                                | 4.2                                       | 4.2   | 3.7                               | 3.9  | 4.0  | 3.9   |
| Average                      | 4.1   |                                       |                                    |   |   |                                   |  |  |   |



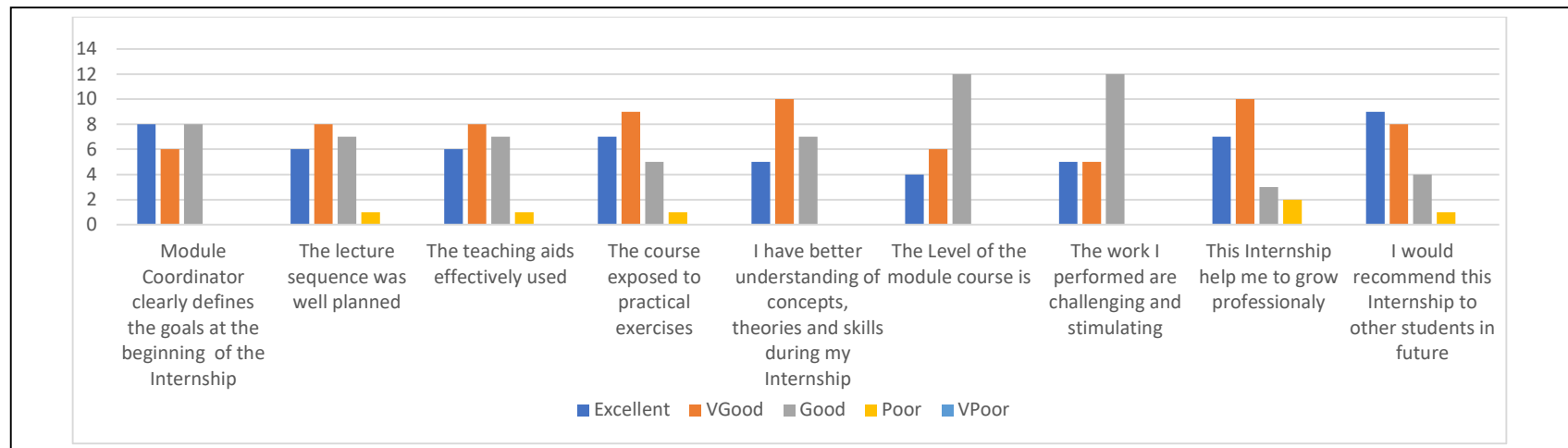
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Computer science & Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Problem Solving Through Programming   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Mr. Sheo Kumar  |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 7   | 2                                     | 2                                  | 8   | 7   | 3                                 | 4  | 6  | 4   |
| VGood                        | 8   | 8                                     | 10                                 | 7   | 6   | 5                                 | 10   | 5  | 7   |
| Good                         | 2   | 5                                     | 3                                  | 2   | 3   | 9                                 | 4  | 5  | 2   |
| Poor                         | 2   | 3                                     | 1                                  | 2   | 1   | 1                                 | 1  | 3  | 1   |
| VPoor                        | 0   | 1                                     | 3                                  | 0   | 2   | 1                                 | 0  | 0  | 5   |
|                              | 4.1   | 3.4                                   | 3.4                                | 4.1                                       | 3.8   | 3.4                               | 3.9  | 3.7  | 3.2   |
| <b>Average</b>               | <b>3.7</b>  |                                       |                                    |   |   |                                   |  |  |   |



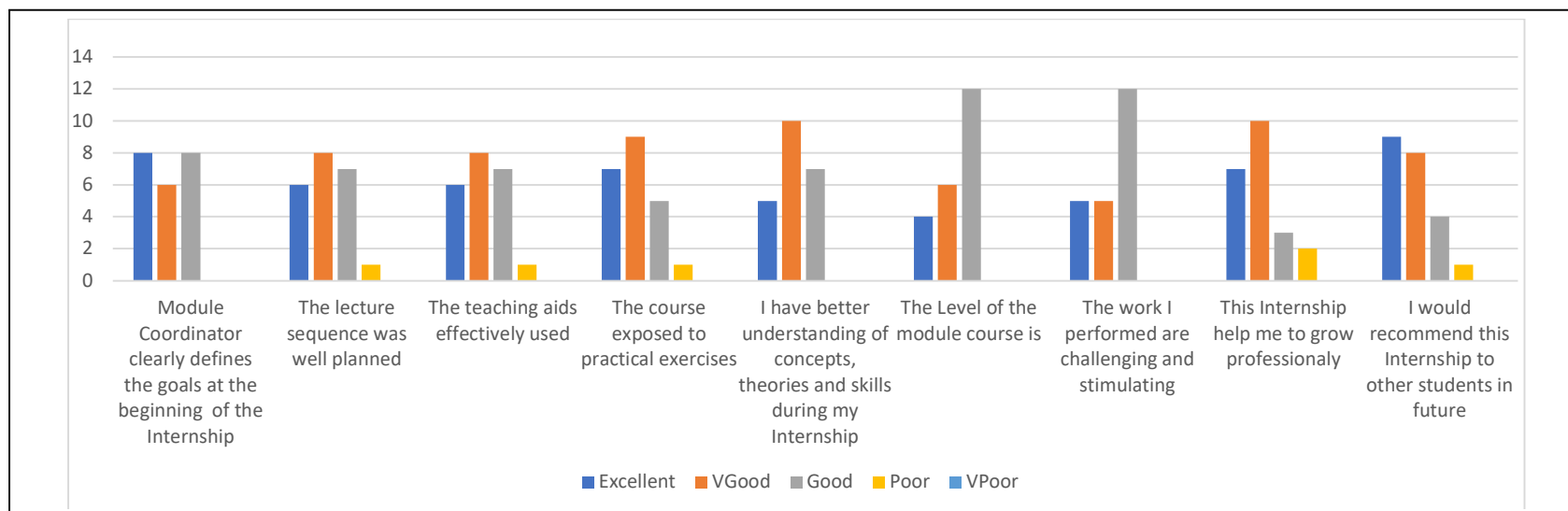
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Chemical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Utility of Heat Transfer in Process Industry                                    |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. Arti Sahu & Prof. Sulochana Nagar   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 4   | 3                                     | 2                                  | 0   | 2   | 0                                 | 1  | 2  | 3   |
| VGood                        | 3   | 5                                     | 3                                  | 2   | 5   | 5                                 | 2  | 2  | 1   |
| Good                         | 3   | 2                                     | 4                                  | 3   | 2   | 3                                 | 7  | 3  | 6   |
| Poor                         | 0   | 0                                     | 1                                  | 1   | 1   | 2                                 | 0  | 3  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 4   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.1   | 4.1                                   | 3.6                                | 2.3                                       | 3.8   | 3.3                               | 3.4  | 3.3  | 3.7   |
| Average                      | <b>3.5</b>  |                                       |                                    |   |   |                                   |  |  |   |



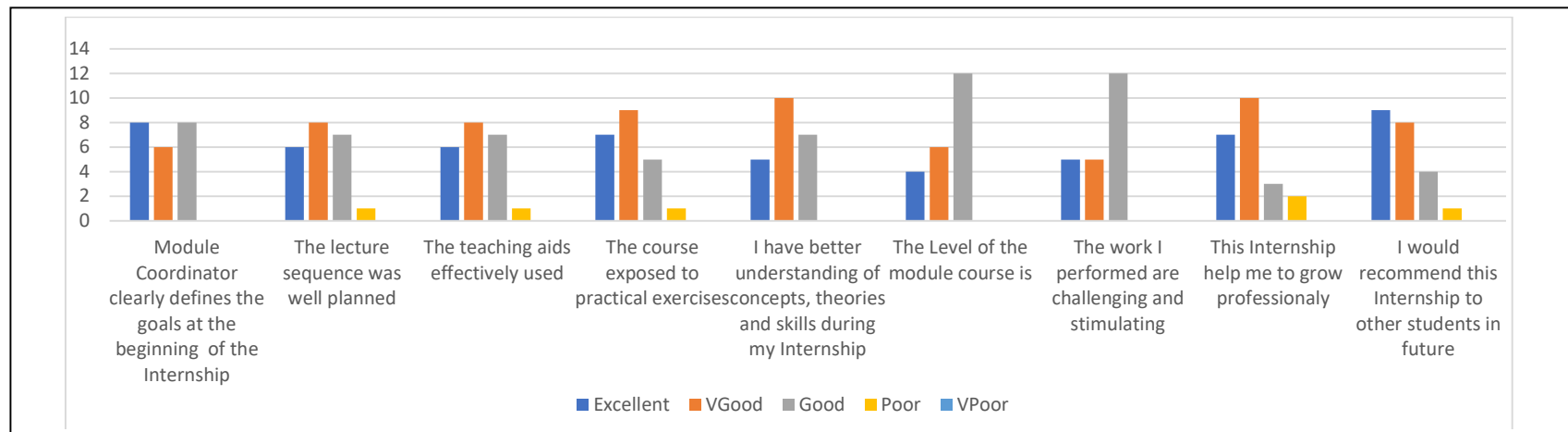
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Civil Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Use of Modern of Surveying Techniques in Survey Works                           |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. Shivam Gupta & Prof. Saurav Kakani  |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 17  | 13                                    | 13                                 | 19  | 18  | 8                                 | 15   | 16   | 21  |
| VGood                        | 6   | 10                                    | 9                                  | 5   | 5   | 12                                | 8  | 6  | 2   |
| Good                         | 2   | 2                                     | 3                                  | 0   | 1   | 4                                 | 2  | 2  | 1   |
| Poor                         | 0   | 0                                     | 0                                  | 1   | 0   | 1                                 | 0  | 1  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 1   | 0                                 | 0  | 0  | 1   |
|                              | 4.6   | 4.4                                   | 4.4                                | 4.7                                       | 4.6   | 4.1                               | 4.5  | 4.5  | 4.7   |
| Average                      | <b>4.5</b>  |                                       |                                    |   |   |                                   |  |  |   |



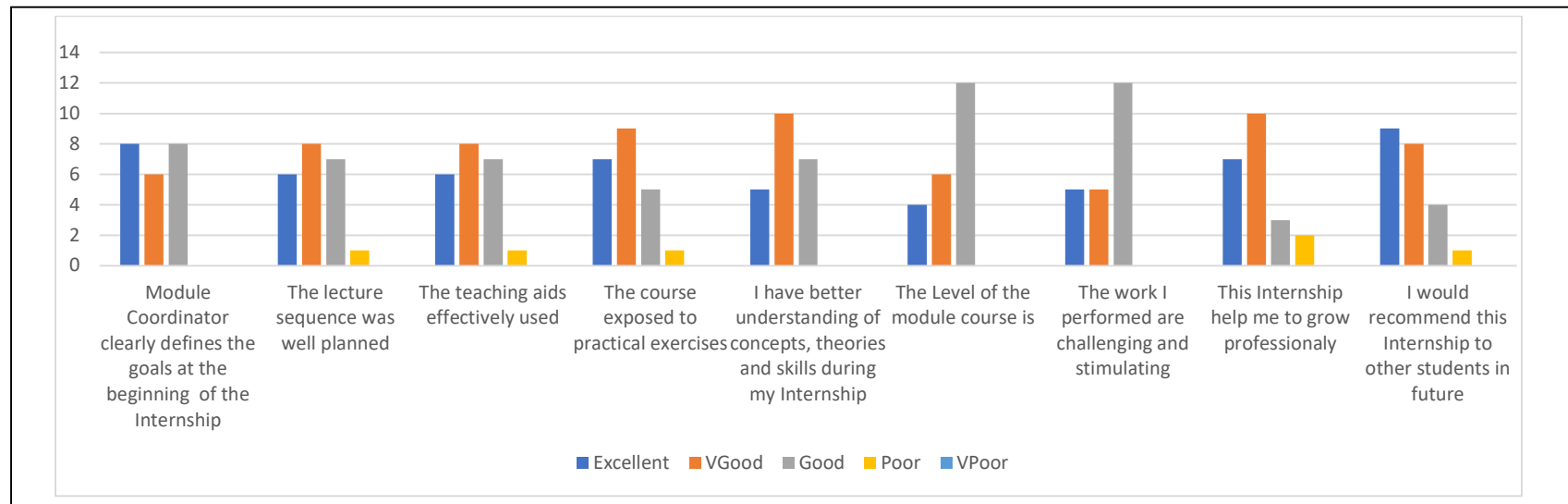
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Computer science & Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Internet of Things (IoT)  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Ms. Pooja Agrawal   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 29  | 22                                    | 31                                 | 29  | 27  | 16                                | 18   | 20   | 26  |
| VGood                        | 5   | 11                                    | 2                                  | 5   | 7   | 9                                 | 12   | 11   | 8   |
| Good                         | 0   | 2                                     | 2                                  | 1   | 1   | 10                                | 4  | 3  | 1   |
| Poor                         | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 1   | 0                                     | 0                                  | 0   | 0   | 0                                 | 1  | 1  | 0   |
|                              | 4.7   | 4.6                                   | 4.8                                | 4.8                                       | 4.7   | 4.2                               | 4.3  | 4.4  | 4.7   |
| Average                      | <b>4.6</b>  |                                       |                                    |   |   |                                   |  |  |   |



|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electronics Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Training on PCB Designing & Circuit Wizard                                      |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Dr. Vikas Mahor and Prof. Rakesh Naik   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 13  | 15                                    | 12                                 | 15  | 12  | 5                                 | 13   | 10   | 18  |
| VGood                        | 15  | 10                                    | 14                                 | 14  | 12  | 14                                | 10   | 15   | 10  |
| Good                         | 2   | 5                                     | 3                                  | 0   | 5   | 11                                | 5  | 4  | 1   |
| Poor                         | 0   | 0                                     | 0                                  | 1   | 1   | 0                                 | 2  | 0  | 1   |
| VPoor                        | 0   | 0                                     | 1                                  | 0   | 0   | 0                                 | 0  | 1  | 0   |
|                              | 4.4   | 4.3                                   | 4.2                                | 4.4                                       | 4.2   | 3.8                               | 4.1  | 4.1  | 4.5   |
| Average                      | 4.2   |                                       |                                    |   |   |                                   |  |  |   |

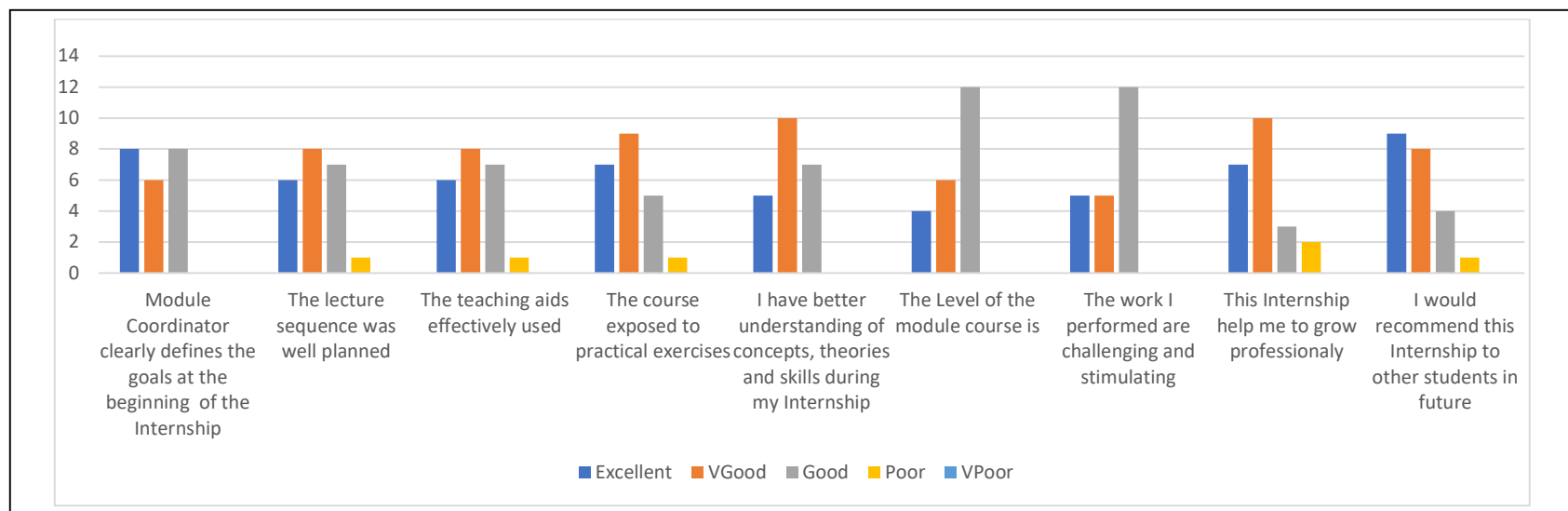


|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Civil Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Understanding of Building and Structural Elements through Model Making          |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators |   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 9   | 7                                     | 6                                  | 9   | 10  | 6                                 | 11   | 7  | 10  |
| VGood                        | 7   | 2                                     | 7                                  | 7   | 5   | 9                                 | 7  | 8  | 6   |
| Good                         | 2   | 8                                     | 4                                  | 3   | 3   | 3                                 | 0  | 2  | 1   |
| Poor                         | 3   | 3                                     | 1                                  | 2   | 3   | 2                                 | 2  | 3  | 2   |
| VPoor                        | 1   | 2                                     | 4                                  | 1   | 1   | 2                                 | 2  | 2  | 3   |
|                              | 3.9   | 3.4                                   | 3.5                                | 4.0                                       | 3.9   | 3.7                               | 4.0  | 3.7  | 3.8   |
| Average                      | <b>3.8</b>  |                                       |                                    |   |   |                                   |  |  |   |

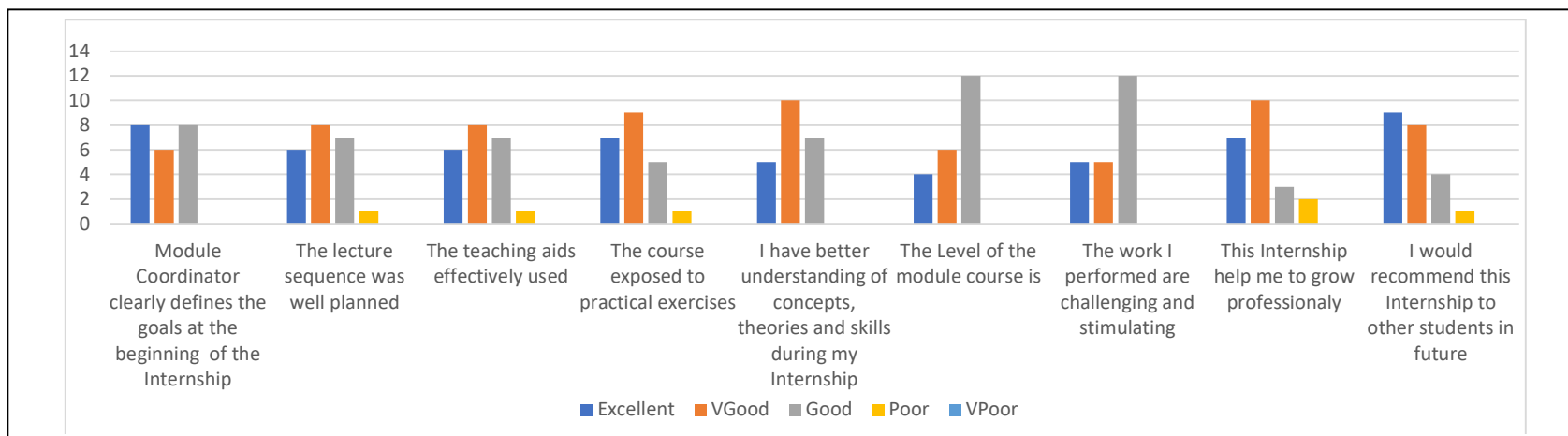




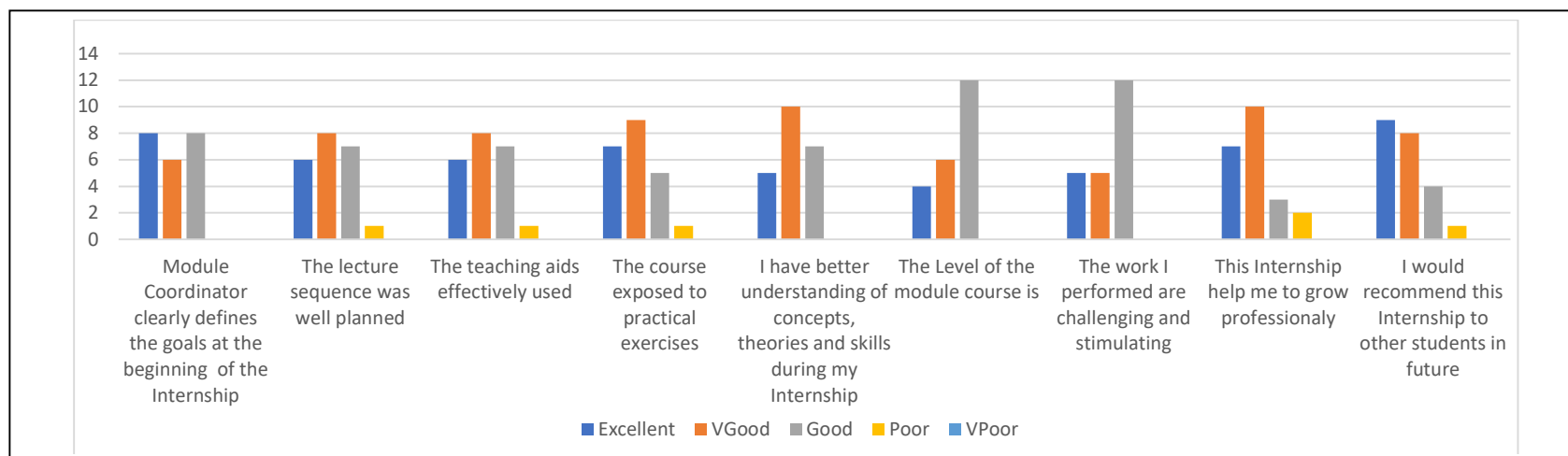
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Computer science & Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Android Based Application Development.  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Mr. Mahesh Parmar   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 2   | 5                                     | 3                                  | 7   | 5   | 3                                 | 5  | 5  | 6   |
| VGood                        | 7   | 2                                     | 8                                  | 6   | 4   | 7                                 | 6  | 5  | 5   |
| Good                         | 4   | 8                                     | 3                                  | 2   | 2   | 4                                 | 2  | 4  | 3   |
| Poor                         | 1   | 0                                     | 1                                  | 0   | 2   | 0                                 | 2  | 0  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 1   | 0                                 | 0  | 0  | 0   |
|                              | 3.7   | 3.8                                   | 3.9                                | 4.3                                       | 3.7   | 3.9                               | 3.9  | 4.1  | 4.2   |
| Average                      | <b>4.0</b>  |                                       |                                    |   |   |                                   |  |  |   |



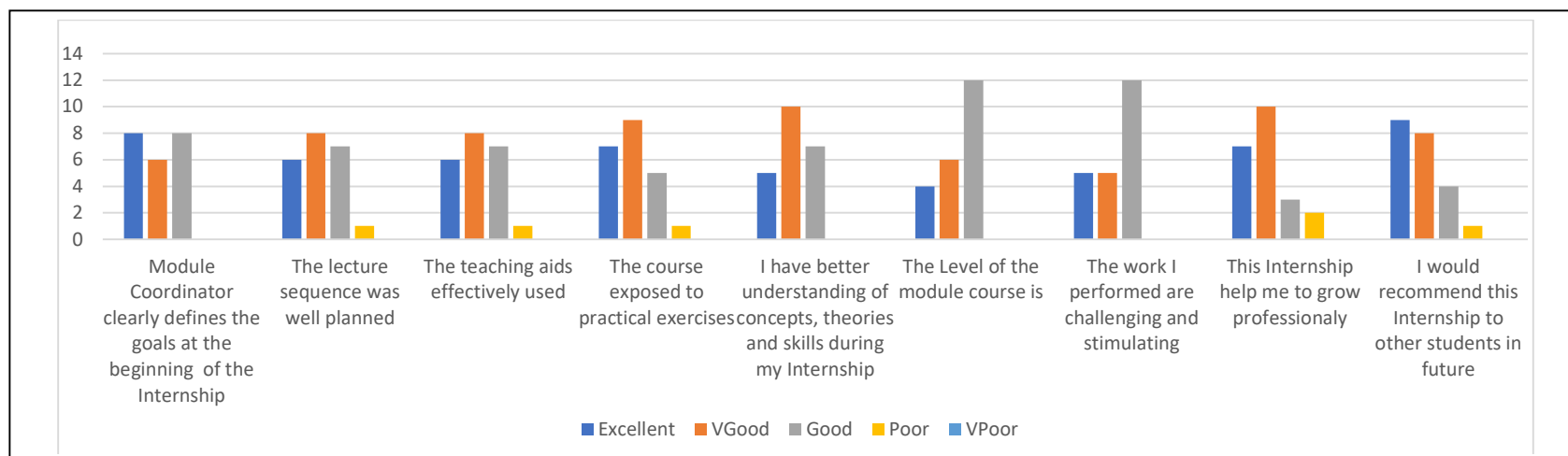
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Computer science & Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Front End Web Developer   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Mr. Lav Upadhyay  |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 13  | 10                                    | 8                                  | 14  | 7   | 5                                 | 6  | 11   | 15  |
| VGood                        | 8   | 10                                    | 10                                 | 7   | 11  | 8                                 | 10   | 7  | 4   |
| Good                         | 1   | 0                                     | 2                                  | 0   | 3   | 9                                 | 5  | 3  | 2   |
| Poor                         | 0   | 0                                     | 2                                  | 1   | 0   | 0                                 | 1  | 1  | 0   |
| VPoor                        | 0   | 2                                     | 0                                  | 0   | 1   | 0                                 | 0  | 0  | 1   |
|                              | 4.5   | 4.2                                   | 4.1                                | 4.5                                       | 4.0   | 3.8                               | 4.0  | 4.3  | 4.5   |
| Average                      | 4.2   |                                       |                                    |   |   |                                   |  |  |   |



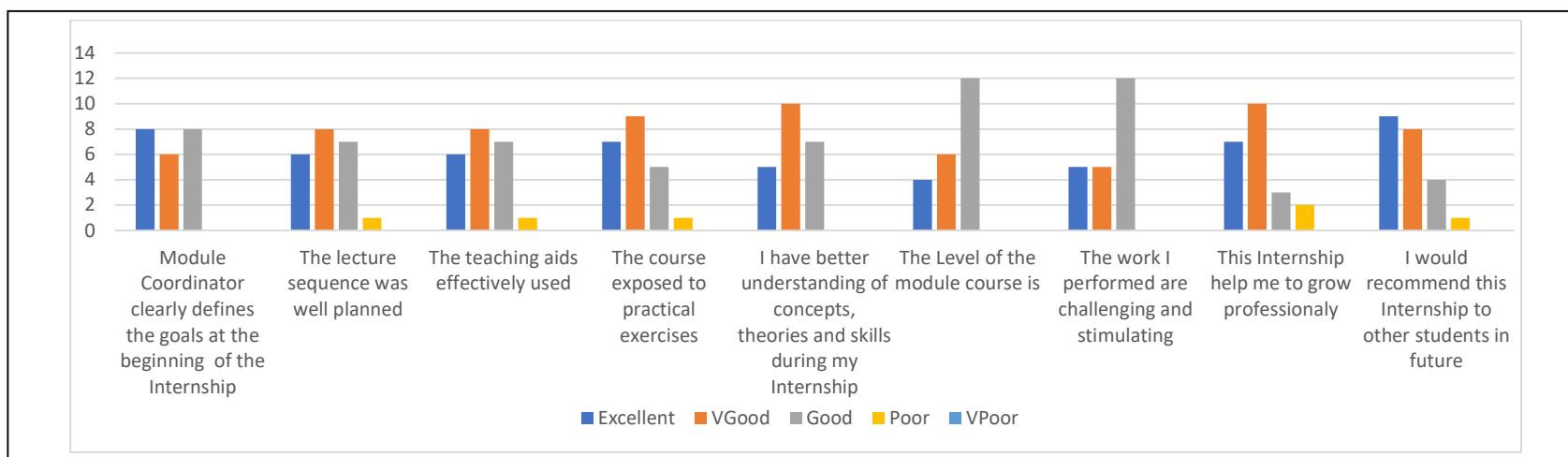
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electronics Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Python for Engineers  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. Saurabh Singh Raghuvanshi   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 21  | 26                                    | 15                                 | 20  | 12  | 8                                 | 13   | 16   | 14  |
| VGood                        | 13  | 8                                     | 19                                 | 15  | 18  | 18                                | 21   | 14   | 15  |
| Good                         | 2   | 2                                     | 2                                  | 2   | 6   | 9                                 | 3  | 6  | 5   |
| Poor                         | 1   | 1                                     | 1                                  | 0   | 1   | 2                                 | 1  | 1  | 2   |
| VPoor                        | 1   | 1                                     | 1                                  | 1   | 1   | 1                                 | 0  | 1  | 2   |
|                              | 4.4   | 4.5                                   | 4.2                                | 4.4                                       | 4.0   | 3.8                               | 4.2  | 4.1  | 4.0   |
| Average                      | 4.2   |                                       |                                    |   |   |                                   |  |  |   |



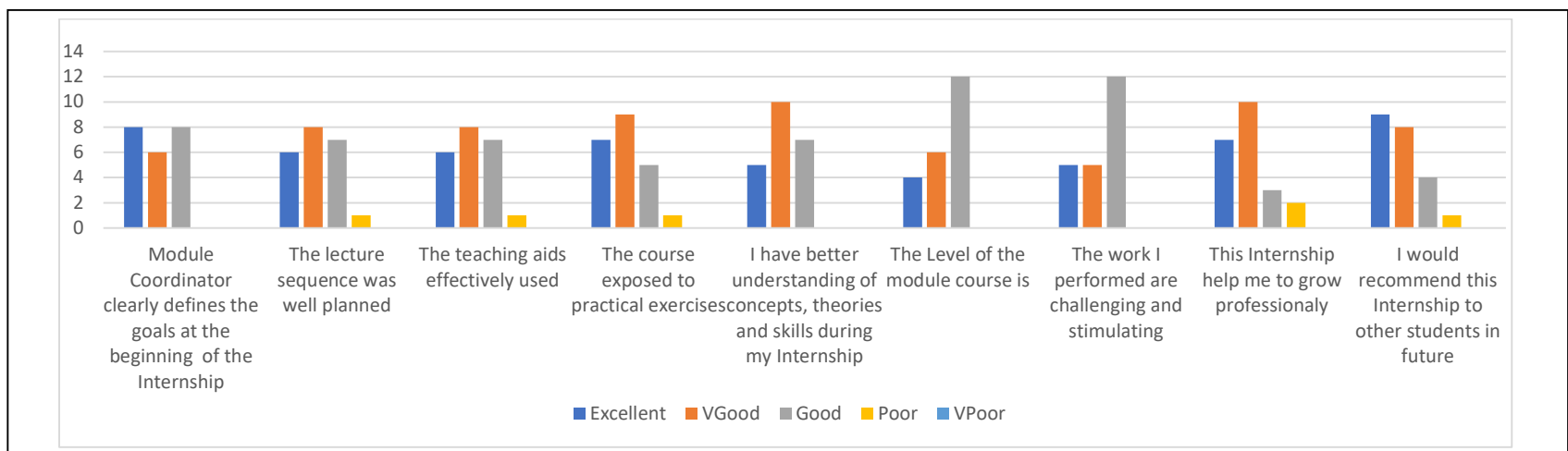
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Computer Science & Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Python Programming With Applications To Machine Learning                        |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Mr. Mir Shahnawaz Ahmad   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 25  | 23                                    | 18                                 | 18  | 21  | 8                                 | 11   | 15   | 21  |
| VGood                        | 15  | 14                                    | 18                                 | 16  | 15  | 17                                | 19   | 17   | 16  |
| Good                         | 2   | 5                                     | 5                                  | 8   | 5   | 17                                | 12   | 8  | 4   |
| Poor                         | 0   | 0                                     | 1                                  | 0   | 1   | 0                                 | 0  | 2  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 1   |
|                              | 4.5   | 4.4                                   | 4.3                                | 4.2                                       | 4.3   | 3.8                               | 4.0  | 4.1  | 4.3   |
| Average                      | 4.2   |                                       |                                    |   |   |                                   |  |  |   |



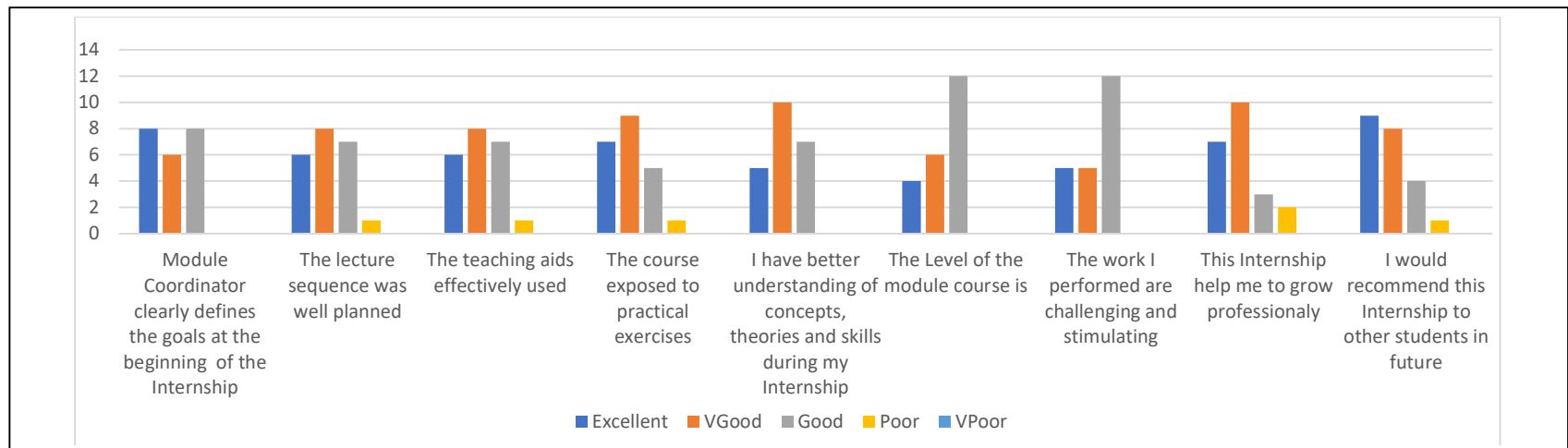
|                              |  |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|--|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electrical Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Introduction to Solar Photovoltaic and application of power Electronics switches in Solar Inverter |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. Saurabh K.Rajput and Prof. Manoj Kumar   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship                    | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 4  | 7                                     | 5                                  | 6   | 7   | 3                                 | 4  | 6  | 7   |
| VGood                        | 7  | 4                                     | 6                                  | 5   | 4   | 8                                 | 7  | 5  | 4   |
| Good                         | 0  | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| Poor                         | 0  | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 0  | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.4  | 4.6                                   | 4.5                                | 4.5                                       | 4.6   | 4.3                               | 4.4  | 4.5  | 4.6   |
| Average                      | 4.5  |                                       |                                    |   |   |                                   |  |  |   |



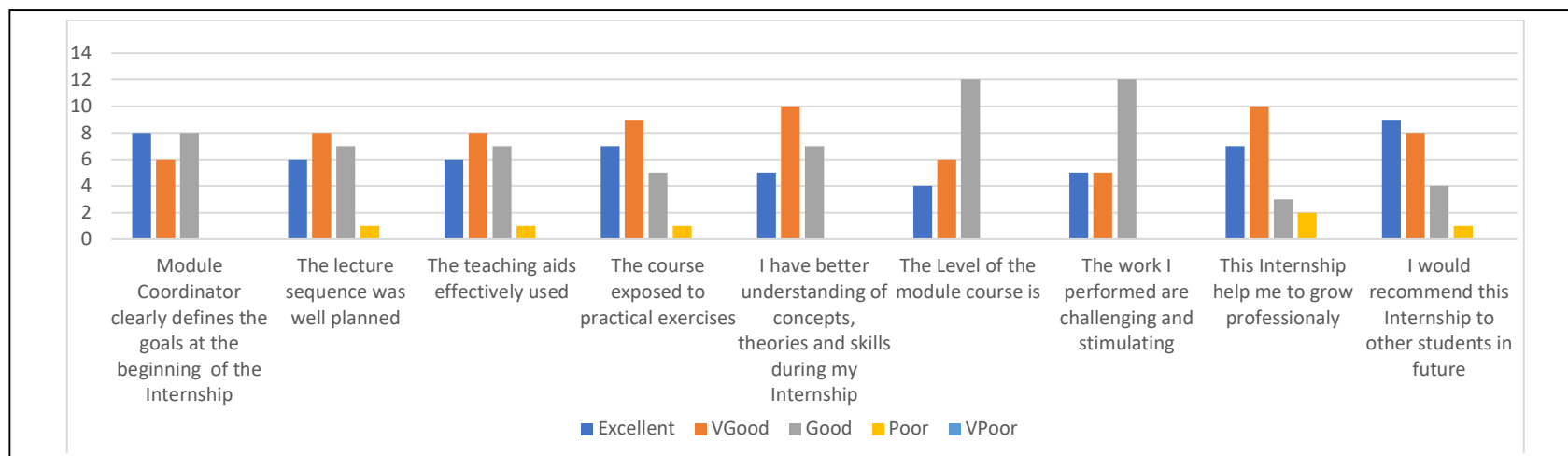
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Architechure  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Earth Workshop(Raw and Rammed earth)  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Ar.Priya Gupta & Ar.Shefali Yadav   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 5   | 5                                     | 5                                  | 6   | 5   | 3                                 | 3  | 4  | 4   |
| VGood                        | 1   | 0                                     | 1                                  | 0   | 1   | 3                                 | 3  | 1  | 2   |
| Good                         | 0   | 1                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| Poor                         | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 1  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.8   | 4.7                                   | 4.8                                | 5.0                                       | 4.8   | 4.5                               | 4.5  | 4.3  | 4.7   |
| Average                      | 4.7   |                                       |                                    |   |   |                                   |  |  |   |



|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Architecture  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Bamboo Workshop(Geodesic dome)  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Ar.Priya Gupta & Ar.Shefali Yadav   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 2   | 2                                     | 3                                  | 5   | 3   | 2                                 | 4  | 3  | 1   |
| VGood                        | 2   | 2                                     | 3                                  | 1   | 3   | 1                                 | 2  | 3  | 2   |
| Good                         | 1   | 1                                     | 0                                  | 0   | 0   | 2                                 | 0  | 0  | 2   |
| Poor                         | 1   | 0                                     | 0                                  | 0   | 0   | 1                                 | 0  | 0  | 0   |
| VPoor                        | 0   | 1                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 1   |
|                              | 3.8   | 3.7                                   | 4.5                                | 4.8                                       | 4.5   | 3.7                               | 4.7  | 4.5  | 3.3   |
| Average                      | 4.2   |                                       |                                    |   |   |                                   |  |  |   |

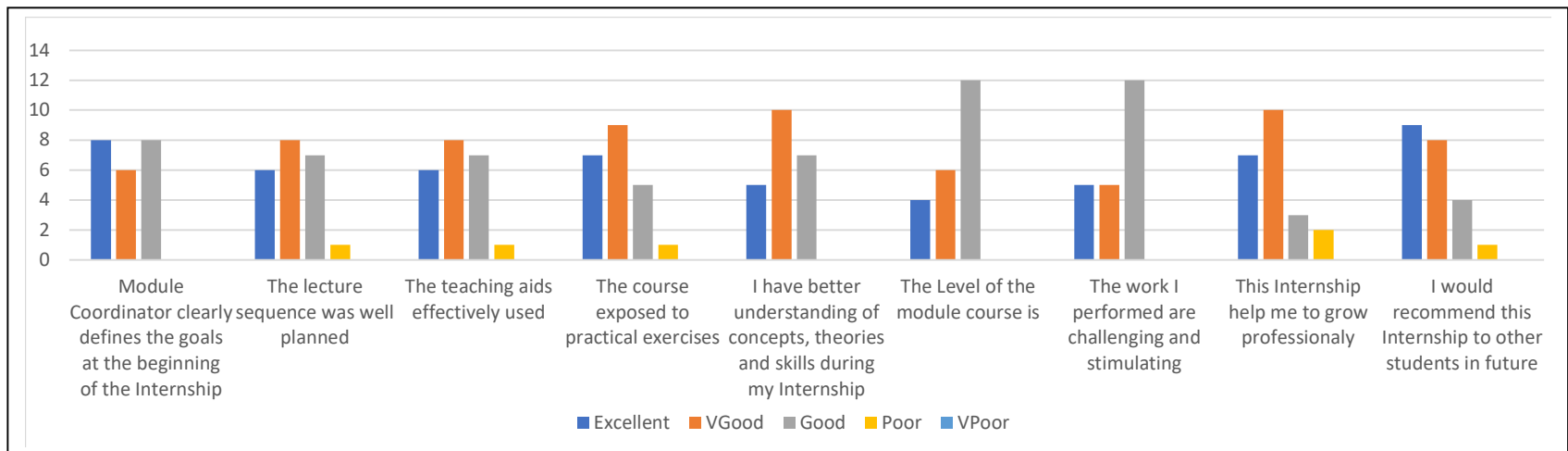


|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Chemical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Introduction to Analytical Instruments  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Dr. Antaram N. Sarve  |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 3   | 4                                     | 3                                  | 3   | 3   | 1                                 | 2  | 3  | 3   |
| VGood                        | 2   | 1                                     | 2                                  | 1   | 2   | 4                                 | 2  | 2  | 2   |
| Good                         | 0   | 0                                     | 0                                  | 1   | 0   | 0                                 | 1  | 0  | 0   |
| Poor                         | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.6   | 4.8                                   | 4.6                                | 4.4                                       | 4.6   | 4.2                               | 4.2  | 4.6  | 4.6   |
| <b>Average</b>               | <b>4.5</b>  |                                       |                                    |   |   |                                   |  |  |   |

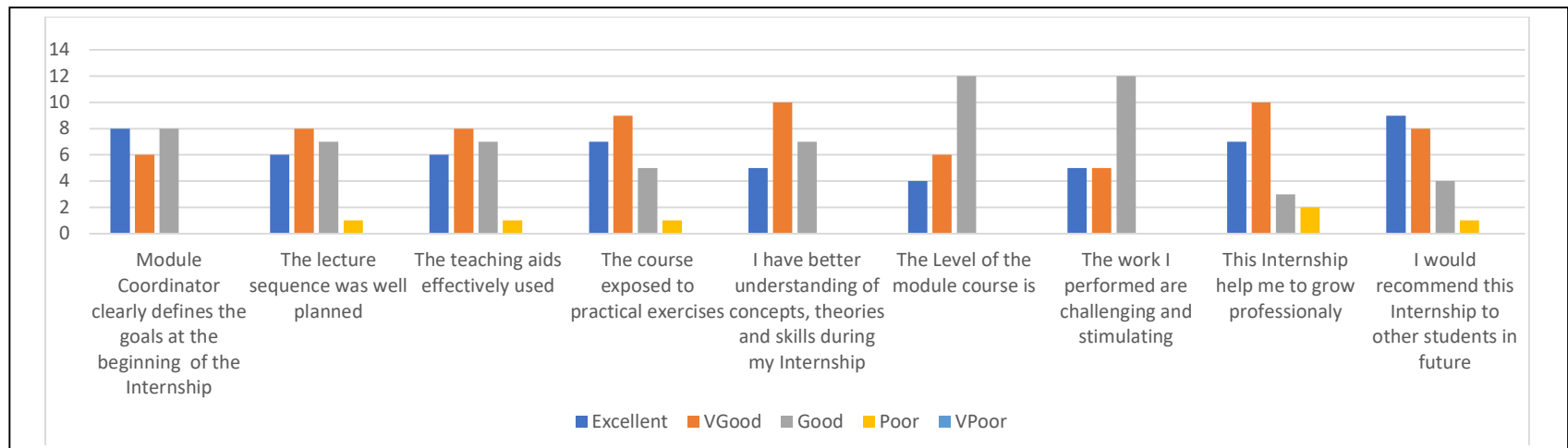




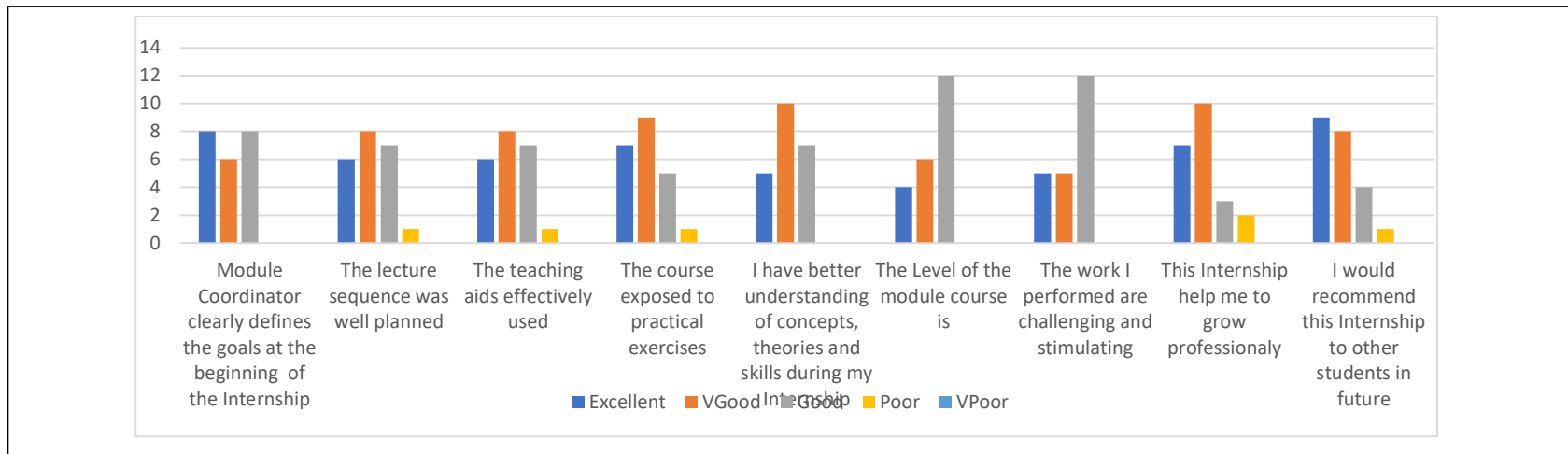
|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electronics Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Training on Digital Circuit Design  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. Aruna Chauhan, and Prof. Santosh Sharma                                   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 2   | 3                                     | 2                                  | 3   | 2   | 2                                 | 2  | 2  | 2   |
| VGood                        | 4   | 2                                     | 3                                  | 3   | 4   | 2                                 | 3  | 4  | 2   |
| Good                         | 0   | 1                                     | 1                                  | 0   | 0   | 2                                 | 1  | 0  | 2   |
| Poor                         | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.3   | 4.3                                   | 4.2                                | 4.5                                       | 4.3   | 4.0                               | 4.2  | 4.3  | 4.0   |
| Average                      | 4.2   |                                       |                                    |   |   |                                   |  |  |   |



|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Civil Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | In-house Testing of Engineering Materials                                       |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Prof. Nupur Verma & Prof. Nishi Gangwar   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 2   | 2                                     | 3                                  | 2   | 2   | 2                                 | 2  | 2  | 2   |
| VGood                        | 3   | 2                                     | 2                                  | 3   | 3   | 2                                 | 1  | 3  | 3   |
| Good                         | 0   | 1                                     | 0                                  | 0   | 0   | 1                                 | 1  | 0  | 0   |
| Poor                         | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 1  | 0  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.4   | 4.2                                   | 4.6                                | 4.4                                       | 4.4   | 4.2                               | 3.8  | 4.4  | 4.4   |
| Average                      | 4.3   |                                       |                                    |   |   |                                   |  |  |   |



|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electrical Engineering  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Hands on Training on Signal/ Image Processing Toolbox in MATLAB                 |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Dr. Vikram and Prof. Bhavna rathore   |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 9   | 8                                     | 6                                  | 4   | 6   | 5                                 | 6  | 8  | 9   |
| VGood                        | 1   | 2                                     | 3                                  | 5   | 4   | 4                                 | 4  | 2  | 1   |
| Good                         | 0   | 0                                     | 1                                  | 1   | 0   | 1                                 | 0  | 0  | 0   |
| Poor                         | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
| VPoor                        | 0   | 0                                     | 0                                  | 0   | 0   | 0                                 | 0  | 0  | 0   |
|                              | 4.9   | 4.8                                   | 4.5                                | 4.3                                       | 4.6   | 4.4                               | 4.6  | 4.8  | 4.9   |
| <b>Average</b>               | <b>4.6</b>  |                                       |                                    |   |   |                                   |  |  |   |



|                              |   |                                       |                                    |   |   |                                   |  |  |   |
|------------------------------|---|---------------------------------------|------------------------------------|---|---|-----------------------------------|--|--|---|
| Department                   | Electronics Engineering   |                                       |                                    |   |   |                                   |  |  |   |
| Name of Module               | Training on MATLAB  |                                       |                                    |   |   |                                   |  |  |   |
| Name of Faculty Coordinators | Dr. Ashish Gupta and Prof. Deepak Batham  |                                       |                                    |   |   |                                   |  |  |   |
|                              | Module Coordinator clearly defines the goals at the beginning of the Internship | The lecture sequence was well planned | The teaching aids effectively used | The course exposed to practical exercises | I have better understanding of concepts, theories and skills during my Internship | The Level of the module course is | The work I performed are challenging and stimulating | This Internship help me to grow professionally | I would recommend this Internship to other students in future |
| Excellent                    | 5   | 4                                     | 5                                  | 10  | 6   | 1                                 | 4  | 4  | 9   |
| VGood                        | 14  | 9                                     | 9                                  | 11  | 6   | 9                                 | 14   | 9  | 10  |
| Good                         | 7   | 14                                    | 12                                 | 9   | 13  | 17                                | 9  | 11   | 10  |
| Poor                         | 5   | 3                                     | 3                                  | 1   | 5   | 2                                 | 3  | 6  | 2   |
| VPoor                        | 0   | 1                                     | 2                                  | 0   | 1   | 2                                 | 1  | 1  | 0   |
|                              | 3.6   | 3.4                                   | 3.4                                | 4.0                                       | 3.4   | 3.2                               | 3.5  | 3.3  | 3.8   |
| Average                      | <b>3.5</b>  |                                       |                                    |   |   |                                   |  |  |   |

