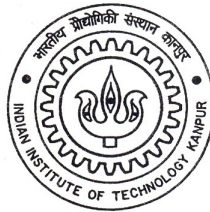


STASTICAL REPORT

STUDENT REACTION SURVEY

2009-10/II



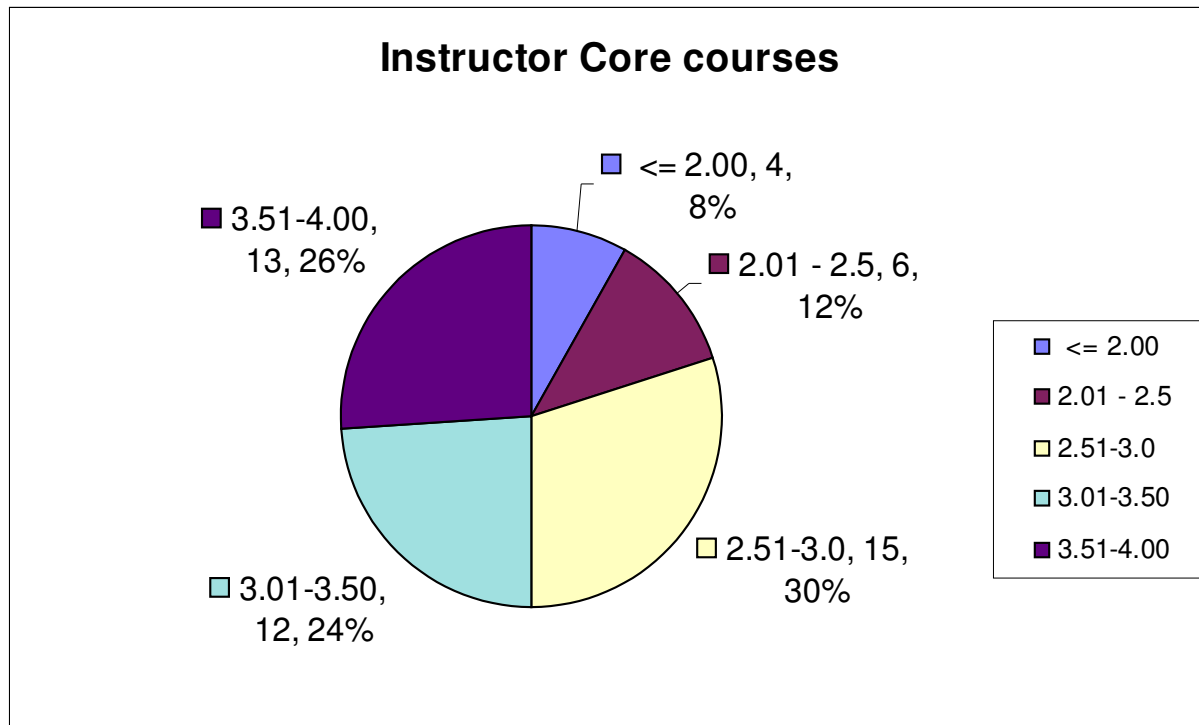
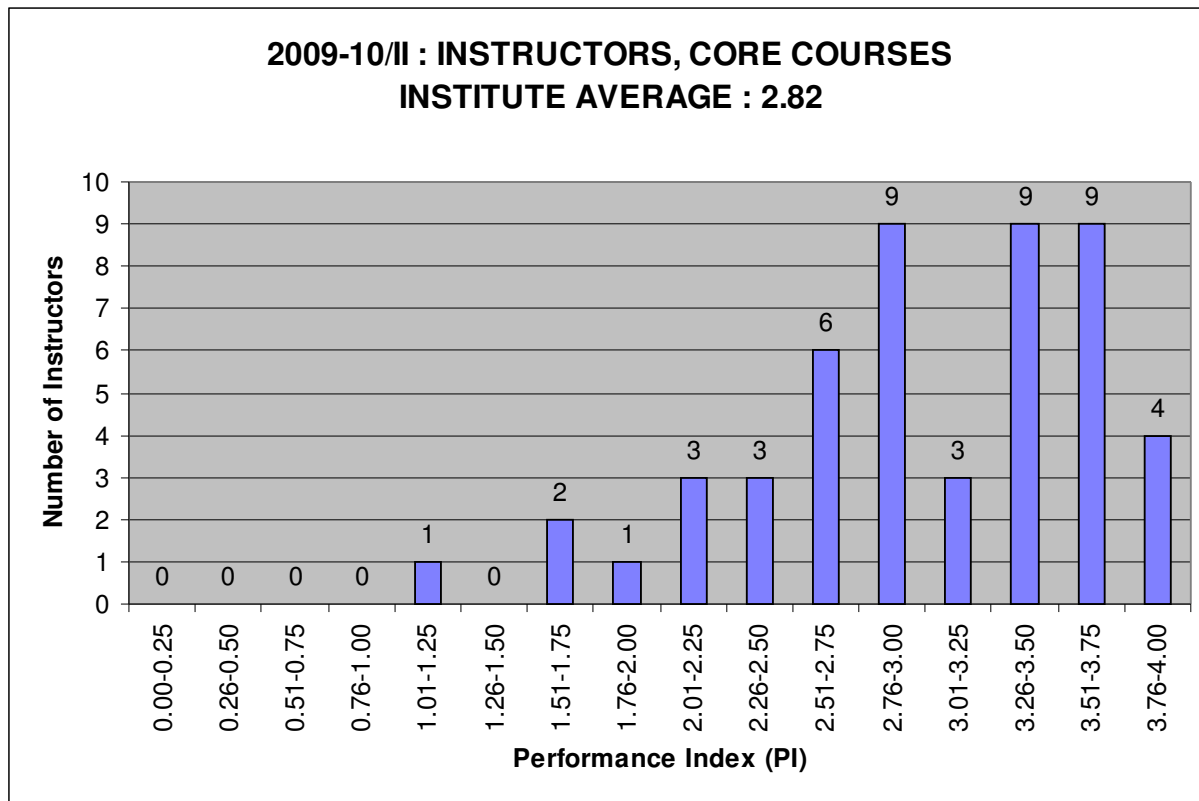
January 2011

Office of the Dean of Academic Affairs

Indian Institute of Technology Kanpur

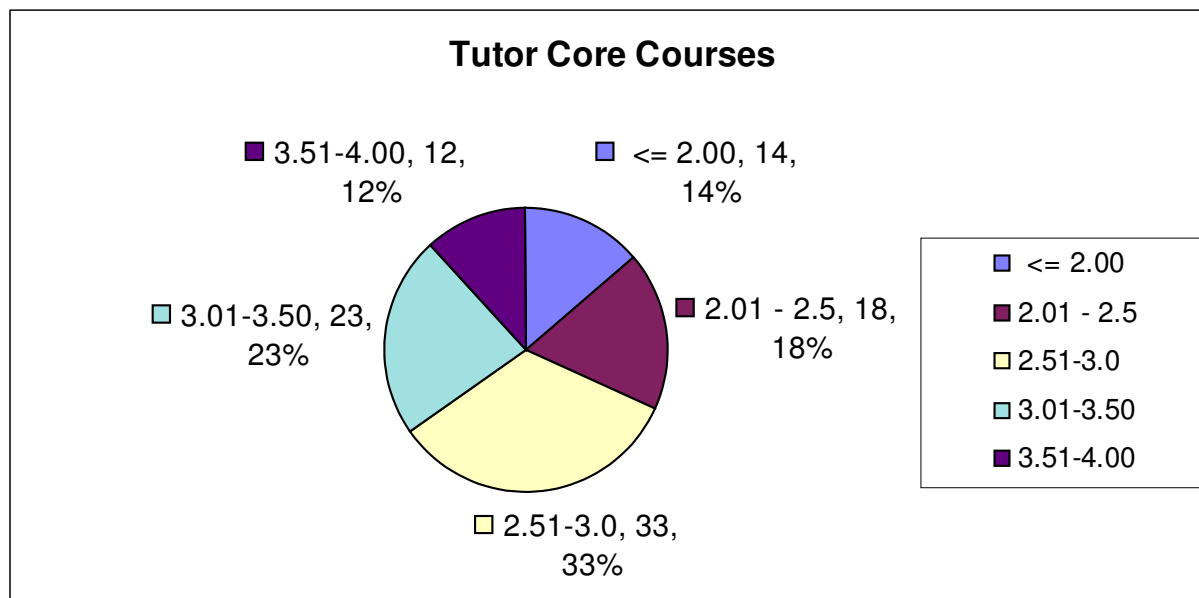
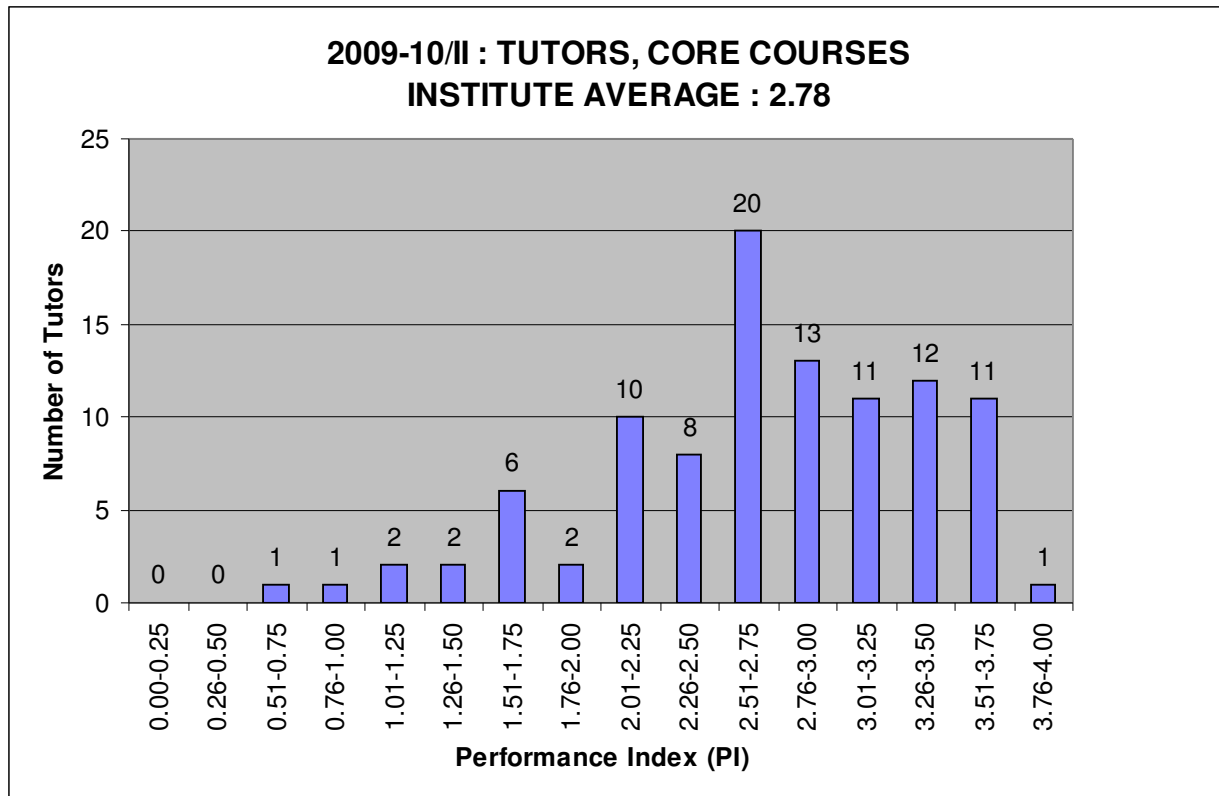
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Core courses Included in the data are: MTH101N, CHM101N, CHM201N, MTH203N, PHY101N, PHY102N, PHY103N, ESC101N, ESC102, TA101, TA201, ESO202, 204, 209,210, 212, 214, 218, HSS-1

Figure 1 : Performance of Instructors in core courses.



Core courses Included in the data are: MTH101N, CHM101N, CHM201N, MTH203N, PHY101N, PHY102N, PHY103N, ESC101N, ESC102, TA101, TA201, ESO202, 204, 209,210, 212, 214, 218, HSS-1

Figure 2 : Performance of tutors in core courses.

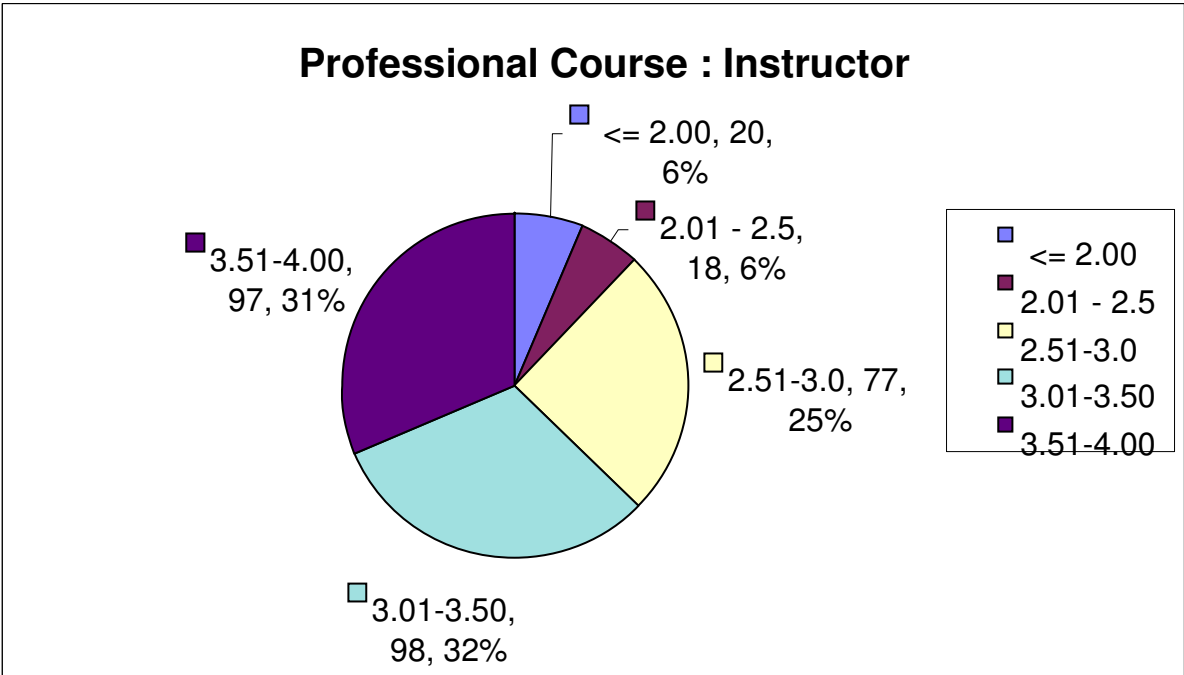
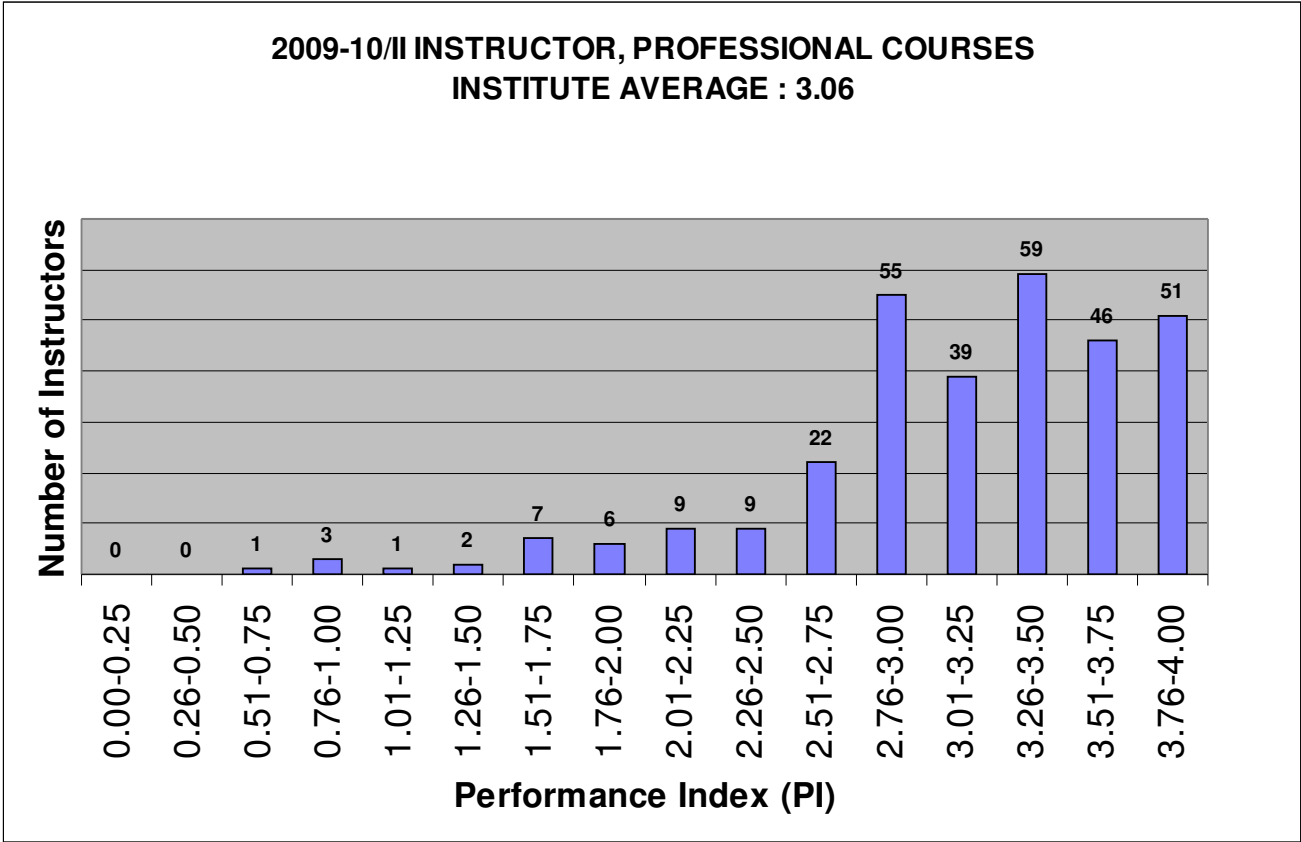


Figure 3 : Performance of Instructors in professional/departmental courses.

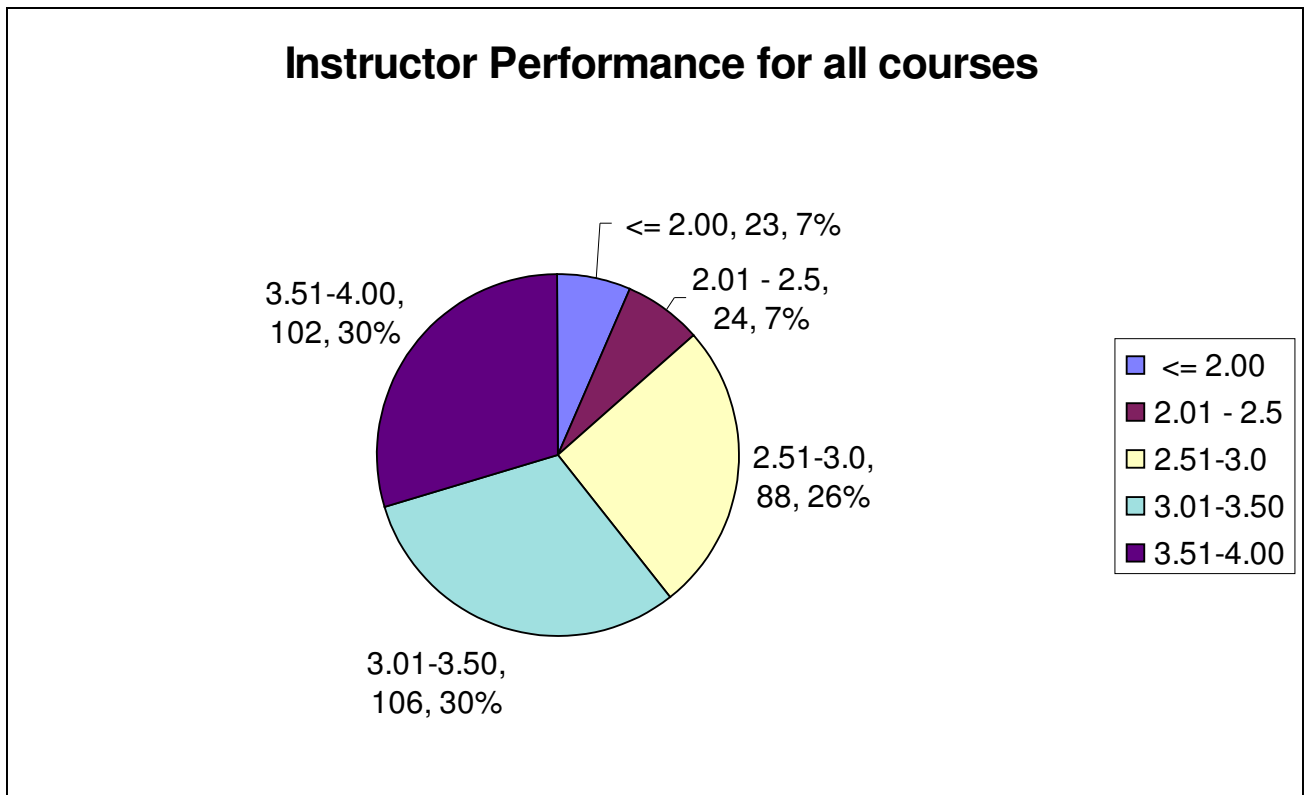
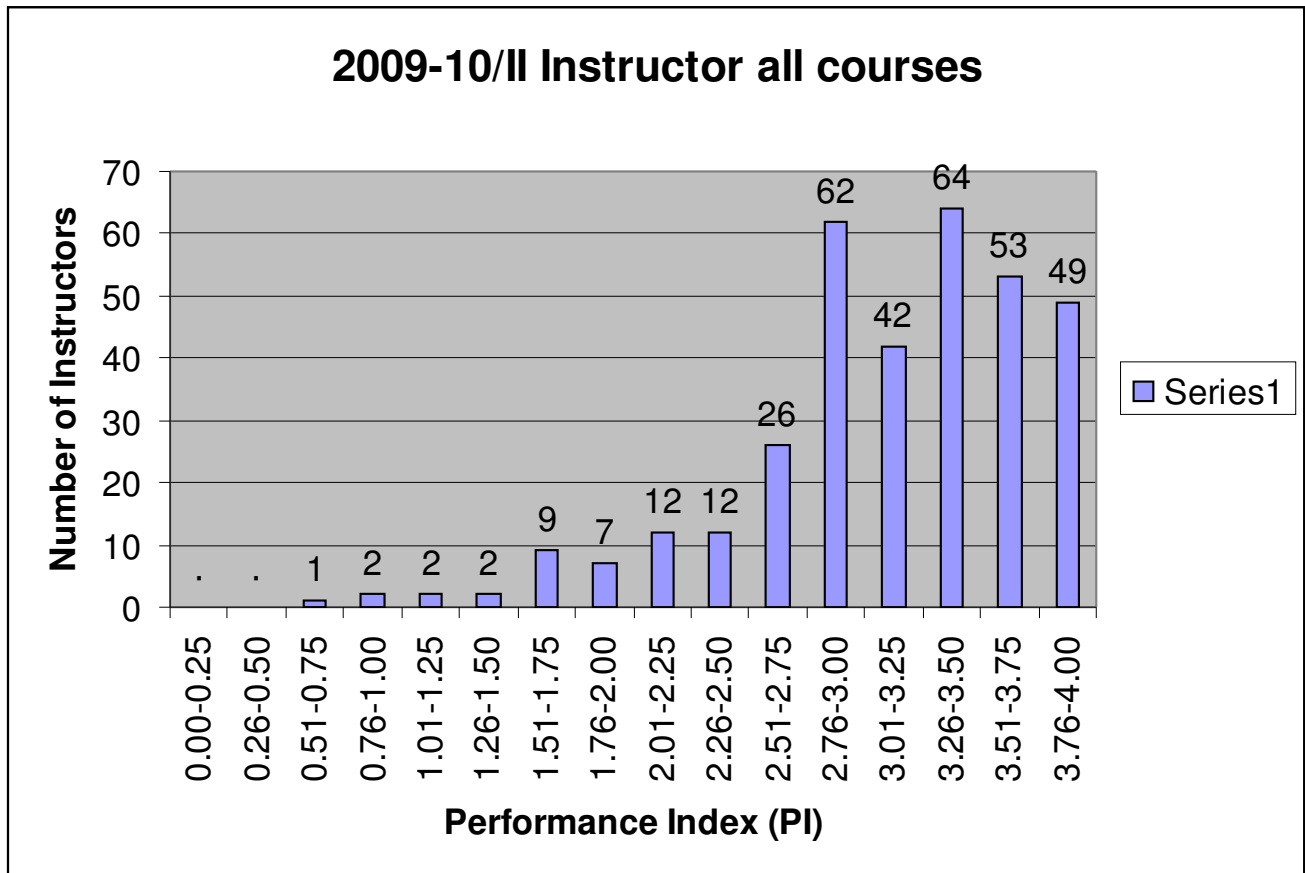


Figure 4 : Performance of all Instructors (both, core and professional are included)

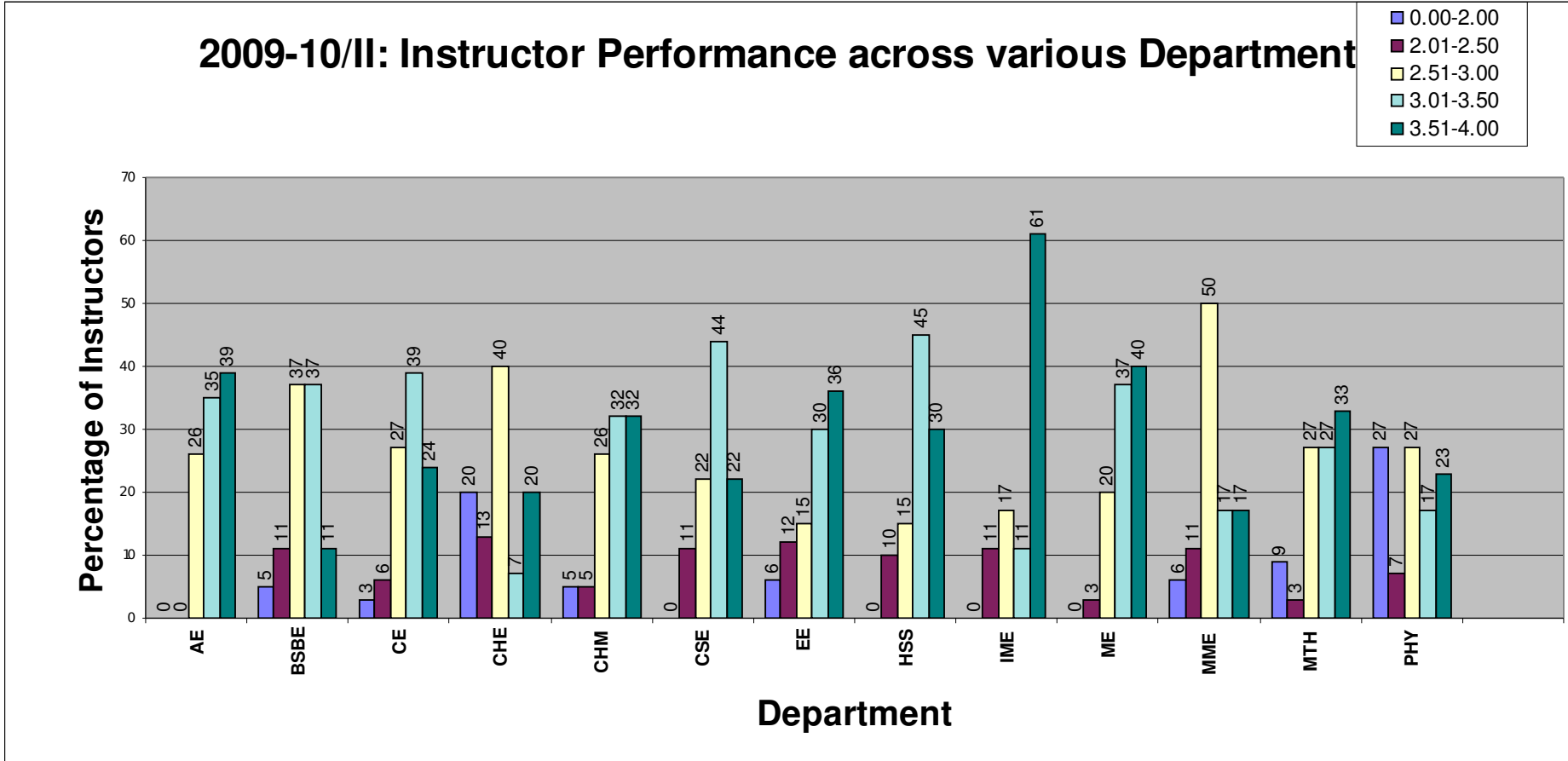


Figure 5 : Performance of Instructors from various departments. Both, core and professional courses are included

Appendix – A

2009-10/II SURVEY FORMS NOT RECEIVED IN DOAA OFFICE

Course no	Name	Number of Student Registered
CHE617	NUCLEAR CHEMICAL ENGINEERING	15
CHE654	PROCESS ENGINEERING	10
CHE672	PRINCIPLES OF POLYMER PROCESSING	4
CHM650	STATISTICAL MECHANICS & ITS APPL. TO CHEMISTRY	33
CS355	PROGRAMMING TOOLS AND TECHNIQUES	85
CS365	ARTIFICIAL INTELLIGENCE PROGRAMMING	18
CS698H	ADVANCED NATURAL LANGUAGE PROCESSING	8
MBA621	MANAGERIAL COMMUNICATIONS	42
MS604	CHARACTERIZATION OF MATERIALS	15
MS605	MATERIALS ENGINEERING	16
MS606	ELECTRONIC MATERIALS	8
PHY553	CLASSICAL ELECTRODYNAMICS II	35
PHY690Y	PHYSICS OF MICRO-IMAGING AND SCANNING PROBE MICROSCOPY	11
SOC720	RESEARCH METHODS	5
SOC732	SOCIOLOGY OF DEVELOPMENT	2

Appendix – B

2009-10/II SURVEY FORMS RECEIVED IN DOAA OFFICE

Course No	Name	Number of registered Students	Percentage Form received
AE211	AERODYNAMICS I	33	81
AE232	AIRCRAFT STRUCTURES - I	34	79
AE312	AERODYNAMICS-II	35	65
AE322	FLIGHT MECHANICS-II	30	50
AE332	AEROSPACE STRUCTURES-II	31	74
AE342	PROPULSION-II	44	40
AE422	EXPERIMENTS IN FLIGHT MECHANICS	34	82
AE462	AIRCRAFT DESIGN-II	40	92
AE612	AERODYNAMICS II	17	94
AE615	ADVANCED COMPUTATIONAL METHODS IN CFD	9	88
AE618	FINITE ELEMENT METHODS FOR FLUID DYNAMICS	34	76
AE621	TURBULENCE	9	66
AE629	ADVANCES IN WIND ENERGY CONVERSION	8	62
AE648	FLIGHT STABILITY AND CONTROL	38	44
AE653	THERMAL TURBOMACHINERY	29	68
AE676	AEROELASTICITY	3	100
AE681	COMPOSITE MATERIALS	21	71
AE683	RANDOM VIBRATIONS	8	100
AE687	AEROSPACE STRUC ANALYSIS II	9	100
AE747	MOLECULAR GAS DYNAMICS	11	72
AE751	FUNDAMENTALS OF LIQUID ATOMIZATION	16	68
ART102	INTRODUCTION TO ART CRITICISM AND APPRECIATION	33	72
ART105	INTRODUCTION TO THE ART OF VIDEO MAKING	65	32
ART411	PRINCIPLES OF COMMUNICATION DESIGN	57	64
3SE216	BIOCHEMISTRY	37	78

3SE314	BIOMECHANICS	29	79
3SE454	INTRODUCTION TO TISSUE ENGG.	10	70
3SE492	METHODS IN BIOTECHNOLOGY-I, EXPERIMENTAL BIOSEPERATION	25	68
3SE631	DEVELOPMENTAL BIOLOGY II	23	91
3SE634	FUNCTIONAL GENOMICS	31	77
3SE636	HUMAN MOLECULAR GENETICS	15	80
3SE638	STRUCTURAL BASIS OF PROTEIN FUNCTION	12	100
3SE641	BIOLOGY LAB	7	100
3SE652	TISSUE ENGINEERING	9	77
CE222	STRUTURAL ANALYSIS	73	54
CE242	ENGINEERING GEOSCIENCES	79	60
CE312N	HYDRAULIC ENGINEERING	65	49
CE322	DESIGN OF REINFORCED CONCRETE STRUCTURES	70	72
CE332	GEOTECHNICAL ENGINEERING	71	73
CE362	WATER SUPPLY & WASTWATER ENGINEERING	80	32
CE382	TRANSPORTATION ENGINEERING	71	32
CE453	CIVIL ENGINEERING DESIGN AND CONSTRUCTON	41	58
CE612	FLUID MECHANICS LABORATORY	21	85
CE622N	STABILITY OF STRUCTURES	24	79
CE625	MASONARY STRUCTURES	33	69
CE629	EARTHQUAKE ANALYSIS AND DESIGN OF STRUCTURES	21	100
CE632N	FOUNDATION ANALYSIS AND DESIGN	22	100
CE634N	GROUND IMPROVEMENT TECHNIQUES	38	76
CE636	GEOTECHNICAL EARTHQUAKE ENGINEERING	34	73
CE644	SATELLITE REMOTE SENSING & GIS FOR GEORESOURSE EVALUATION	10	90
CE672	MACHINE PROCESSING OF REMOTELY SENSED DATA	22	63
CE676	PRECISION REMOTE SENSING	14	71
CE682N	ANALYSIS AND DESIGN OF TRANSPORTATION INFRASTRUCTURE	5	100
CE717	GROUNDWATER HYDROLOGY & POLLUTANT TRANSPORT	18	100
CHE211	FLUID MECHANICS	55	58
CHE221	CHEMICAL ENGINEERING THERMODYNAMICS	52	86
CHE313	SEPARATION PROCESSES	50	64
CHE362	BIOCHEMICAL ENGINEERING	47	78
CHE381	PROCESS DYNAMICS AND CONTROL	52	80
CHE391	UNIT OPERATION LABORATORY-I	48	70

CHE453	CHEMICAL ENGINEERING DESIGN	49	65
CHE463	ELECTRONIC POLYMERIC & CERAMIC MATERIALS & PROCESSING	48	81
CHE613	THE STRUCTURE & RHEOLOGY OF COMPLEX FLUIDS	17	41
CHE621	THERMODYNAMICS	33	75
CHE622	INTRODUCTION TO MOLECULAR SIMULATIONS	10	80
CHE631	CHEMICAL REACTION ENGINEERING	21	90
CHE633	PRINCIPLES OF HETEROGENEOUS CATALYSIS	17	88
CHE652	OPTIMIZATION	15	26
CHM201R	GENERAL CHEMISTRY	3	100
CHM222	BASIC PHYSICAL CHEMISTRY	31	83
CHM302	BASIC ORGANIC CHEMISTRY II	11	100
CHM341	BASIC INORGANIC CHEMISTRY	13	69
CHM343	INORGANIC CHEMISTRY LAB	14	85
CHM402	ORGANIC CHEMISTRY II	53	79
CHM404	ORGANIC CHEMISTRY LAB.	7	100
CHM422	PHYSICAL CHEMISTRY	46	71
CHM442	INORGANIC CHEMISTRY II	47	89
CHM443	INORGANIC CHEMISTRY LAB	44	79
CHM481	BIOSYSTEMS	47	68
CHM602	ADVANCED ORGANIC CHEMISTRY II	16	62
CHM631	APPLICATIONS OF MODERN INSTRUMENTAL METHODS	44	65
CHM632	ENZYME REACTIONS MECHANISM AND ENZYME KINETICS	16	62
CHM636	PHYSICAL PHOTOCHEMISTRY	30	86
CHM651	CRYSTAL AND MOLECULAR STRUCTURE DETERMINATION	47	89
CHM684	COMPUTER PROGRAMMING FOR CHEMISTRY	45	75
CHM696	QUANTUM COMPUTING	19	73
CS201	DISCRETE MATHEMATICS	76	56
CS202	INTRODUCTION TO MATHEMATICAL LOGIC	64	53
CS315	PRINCIPLES OF DATA BASE SYSTEMS	62	32
CS335	COMPILER DESIGN	62	29
CS345	ALGORITHMS-II	76	40
CS422	COMPUTER ARCHITECTURE	22	50
CS633	PARALLEL COMPUTING	18	77
CS634	MOBILE COMPUTING	47	57
CS640	COMPUTATIONAL COMPLEXITY	17	88
CS644	FINITE AUTOMATA ON INFINITE INPUTS	9	100
CS646	PARALLEL ALGORITHMS	22	77

CS654	SOFTWARE ARCHITECTURE	31	41
CS674	MACHINE LEARNING & KNOWLEDGE DISCOVERY	72	36
CS682	QUANTUM COMPUTING	14	78
CS698E	DIGITAL WATERMARKING AND STEGANOGRAPHY	38	44
CS719	DATA STREAMING: ALGORITHMS & SYSTEMS	28	67
DES603	DESIGN PRACTICE II	20	75
DES623	TOPICS IN MOTION PICTURES	13	38
ECO201	MICROECONOMICS - I	92	50
ECO202	MACROECONOMICS	25	68
ECO231	ECONOMIC PROBLEMS AND POLICY	36	86
ECO303	MICRO ECONOMICS II	33	57
ECO311	ECONOMETRIC METHODS	41	95
ECO312	ECONOMETRIC PRACTICE	26	65
ECO332	DEVELOPMENT ECONOMICS	37	35
ECO409	DYNAMIC MACROECONOMICS	30	26
ECO423	FINANCIAL ECONOMICS	72	90
ECO424	ECONOMIC ANALYSIS OF LAW	20	70
ECO501	INTRODUCTION TO MATHEMATICAL ECONOMICS	56	55
ECO527	MULTINATIONAL ENTERPRISES	29	68
EE210	MICROELECTRONICS-I	101	47
EE250	CONTROL SYSTEMS ANALYSIS	96	52
EE301	DIGITAL SIGNAL PROCESSING	79	30
EE311	MICROELECTRONICS II	65	38
EE321	COMMUNICATION SYSTEMS	73	98
EE340	ELECTROMAGNETIC THEORY	84	42
EE360	POWER ELECTRONICS	76	30
EE416	OPTO-ELECTRONICS	6	50
EE600	MATHEMATICAL STRUCTURES OF SIGNALS & SYSTEMS	14	64
EE602	STATISTICAL SIGNAL PROCESSING-I	44	29
EE608	DIGITAL VIDEO SIGNAL PROCESSING	23	56
EE611	ORGANIC ELECTRONICS	22	72
EE616	SEMICONDUCTOR DEVICE MODELLING	28	42
EE618	INTEGRATED CIRCUIT FABRICATION TECHNOLOGY	39	61
EE619	VLSI SYSTEM DESIGN	21	33
EE622	COMMUNICATION THEORY	34	64
EE623	DETECTION & ESTIMATION THEORY	19	57
EE628	TOPICS IN CRYPTOGRAPHY AND CODING	7	57
EE629	DIGITAL SWITCHING	23	69

EE632	ECONOMIC OPERATION & CONTROL OF POWER SYSTEMS	13	69
EE642	ANTENNAS ANALYSIS & SYNTHESIS	18	83
EE648	MICROWAVE CIRCUITS	15	60
EE649	THE FINITE ELEMENT METHOD FOR ELECTRIC AND MAGNETIC FIELDS	14	100
EE658	FUZZY SET, LOGIC & SYSTEMS & APPLICATIONS	15	80
EE661	POWER ELECTRONICS APPLICATIONS IN POWER SYSTEMS	23	60
EE662	CONTROL TECHNIQUES IN POWER ELECTRONICS	28	57
EE665	ADVANCED ELECTRIC DRIVES	21	61
EE670	WIRELESS COMMUNICATIONS	30	66
EE671	NEURAL NETWORKS	44	47
EE679	QUEUEING SYSTEMS	24	37
EE698D	UNIVERSAL COMPRESSION ALGORITHMS AND ENTROPY RATE	14	35
EE604	ENVIRONMENTAL QUALITY & POLLUTION MONITORING TECHNIQUES	13	92
EE606	AIR POLLUTION AND ITS CONTROL	29	75
ENG123	INTRODUCTION TO LITERATURE	75	46
ENG124	LANGUAGE AND SOCIETY	67	66
ENG434	MODERN BRITISH AND AMERICAN NOVEL	37	29
ENG445	LITERATURE & THE INDIVIDUAL	21	76
ESC101N	FUNDAMENTAL OF COMPUTING	324	39
ESC102N	INTRODUCTION TO ELECTRONICS	336	47
ESO202	THERMODYNAMICS	65	30
ESO204	MECHANICS OF SOLIDS	158	25
ESO209	PROBABILITY AND STATISTICS	227	32
ESO210	INTRODUCTION TO ELECTRICAL ENGINEERING	157	51
ESO212	FLUID MECHANICS AND RATE PROCESSES	6	100
ESO214	NATURE AND PROPERTIES OF MATERIALS	71	46
ESO218	COMPUTATIONAL METHODS IN ENGINEERING	136	38
ME624	COMPUTER AIDED DECISION SYSTEMS	9	100
ME625	INDRODUCTION TO STOCHASTIC PROCESSES AND THEIR APPLICATIONS	14	92
ME636	INTRODUCTION TO GAME THEORY	52	34
ME671	SOFTWARE PROJECT MANAGEMENT	45	55
ME672	DATA MINING AND KNOWLEDGE DISCOVERY	15	86
ET611	LASER SYSTEMS AND APPLICATIONS	10	90
ET680	M TECH LAB TECHNIQUES	9	77

MBA607	FINANCIAL MANAGEMENT	42	97
MBA610	INVESTMENT VALUATION AND REAL OPTIONS	15	93
MBA616	HUMAN RESOURCE MANAGEMENT	54	79
MBA617	SOCIAL, POLITICAL AND LEGAL ENVIRON OF BUSINESS	52	88
MBA626	MANAGEMENT OF TECHNOLOGY	28	71
MBA628	INTERNATIONAL BUSINESS MANAGEMENT	42	88
MBA633	MARKETING RESEARCH	51	92
MBA635	MARKETING OF SERVICES	12	75
MBA646	ENTERPRISE INTEGRATION WITH IT	57	61
MBA661	PRODUCTION AND OPERATIONS MANAGEMENT	52	86
MBA665	MANUFACTURING PLANNING AND CONTROL	53	98
MBA671	MANAGING SERVICE OPERATIONS	46	86
MBA677	PROJECT FINANCING & MANAGEMENT	14	92
ME231	FLUID MECHANICS	73	60
ME251	ENGINEERING DESIGN AND GRAPHICS	70	78
ME301	ENERGY SYSTEMS I	62	38
ME351	DESIGN OF MACHINE ELEMENTS	58	51
ME353	DYNAMICS AND VIBRATION OF MACHINERY	68	25
ME461	MANUFACTURING SYSTEMS	66	65
ME600	COMMUNICATION SKILLS FOR ENGINEERS	73	89
ME622	THEORY OF ELASTICITY	8	87
ME623	FINITE ELEMENT METHODS IN ENGINEERING MECHANICS	78	79
ME624	CALCULUS OF VARIATIONS	4	100
ME627	NON-LINEAR VIBRATION	24	54
ME630	NUMERICAL FLUID FLOW AND HEAT TRANSFER	28	53
ME634	ADVANCED COMPUTATIONAL FLUID DYNAMICS	25	68
ME642	CONVECTIVE HEAT AND MASS TRANSFER	44	90
ME647	INTRODUCTION TO TURBULENT FLUID MECHANICS	13	76
ME649	EXPERIMENTAL METHODS IN THERMAL SCIENCES	25	68
ME652	PRINCIPLES OF DYNAMICS	30	16
ME658	NUMERICAL CONTROL OF MACHINE TOOLS	6	100
ME690	ALTERNATIVE FUELS & ADVANCE IN IC ENGINES	23	56
ME698E	BIO-MEMS AND MICROSYSTEMS	23	82
ME721	THEORY OF PLASTICITY	19	89
ME723	WAVE PROPAGATION IN SOLIDS	11	100
ME728	FRACTURE AND FATIGUE	18	94
ME729	MODELLING OF MECHANICAL PROPERTIES OF MATERIALS	6	100
ME741	COMBUSTION ENGINES & AIR POLLUTION	11	27

ME751	COMPUTER AIDED ENGINEERING DESIGN	63	61
ME752	OPTIMIZATION METHODS IN ENGINEERING DESIGN	13	76
ME759	ADVANCED TOPICS IN NON TRADITIONAL MACHINING PROCESS	5	60
ME763	ROBOT MANIPULATORS: DYNAMICS AND CONTROL	17	35
ME765	MANUFACTURING AUTOMATION	15	73
ME770	MATERIALS SELECTION IN MECHANICAL DESIGN	15	100
ME779	RAPID PROTOTYPING & TOOLING TECH.	2	100
MME210	METALLURGICAL KINETICS	64	95
MME250	MATERIALS CHARACTERIZATION	63	44
MME331	PROCESS METALLURGY LAB.	54	72
MME340	PHASE TRANSFORMATIONS IN MATERIALS	59	42
MME350	IRON AND STEELMAKING	56	71
MME370	FUNDAMENTALS OF MATERIALS PROCESSING	60	76
MME430	FURNANCE TECHNOLOGIES	17	47
MME480	MATERIALS DEGRADATION & ITS PREVENTION	53	28
MME628	APPLICATION OF TRANSPORT PHENOMENA IN METAL PROCESSING	17	52
MME650	FUNDAMENTALS OF STEREOLOGY & APPLICATIONS TO MICROSTRUCTURAL ANALYSIS	23	100
MME668	MATERIALS FOR BIOMEDICAL APPLICATIONS	86	70
MME680	GRAIN BOUNDARY ENGINEERING	29	72
MME681	SOLAR ENERGY TECHNOLOGIES AND MATERIALS	5	80
MME685	THIN FILM PHYSICS & APPLICATIONS	34	50
MME693	MATERIALS SCIENCE TECHNOLOGIES FOR APPLICATIONS IN LIFE SCIENCES	58	63
MTH101R	MATHEMATICS - I	51	31
MTH101S	MATHEMATICS-I - SLOW PACED	29	48
MTH102N	MATHEMATICS - II	581	88
MTH202	DISCRETE MATHEMATICS	61	40
MTH203R	MATHEMATICS - III	36	36
MTH204	ALGEBRA I	85	52
MTH302	MATHEMATICAL LOGIC	45	62
MTH304	TOPOLOGY	71	35
MTH306	LINEAR PROGRAMMING AND EXTENSIONS	73	38
MTH308	PRINCIPLES OF NUMERICAL COMPUTATION	52	15
MTH404	ANALYSIS II	32	43
MTH411	PROBABILITY THEORY II	21	76

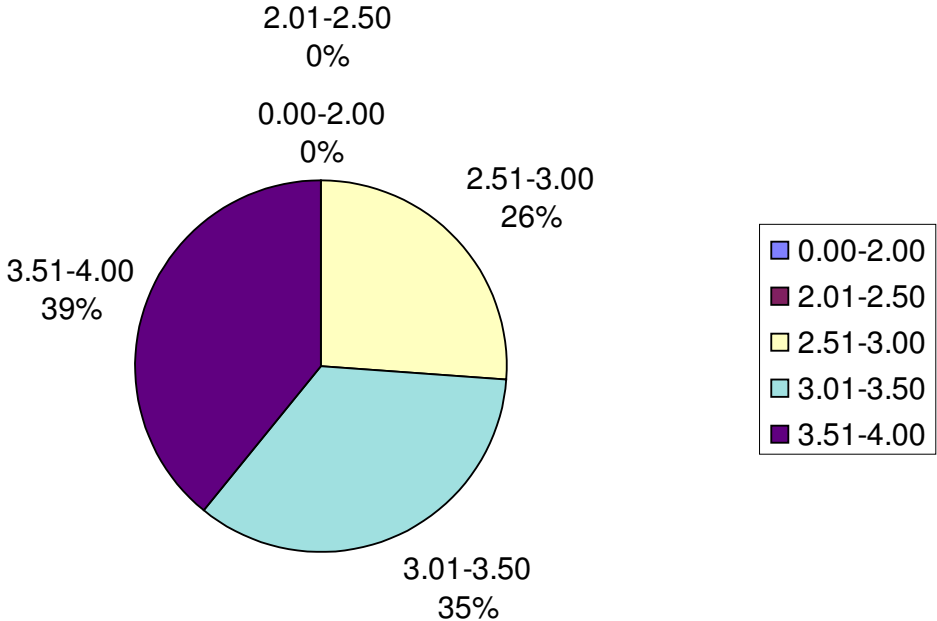
MTH412	APPLIED STOCHASTIC PROCESS	26	65
MTH416	REGRESSION ANALYSIS	46	54
MTH418	INFERENCE I	51	41
MTH424	PARTIAL DIFFERENTIAL EQUATIONS	22	54
MTH511	STATISTICAL SIMULATION AND DATA ANALYSIS	19	5
MTH514	MULTIVARIATE ANALYSIS	19	47
MTH516	NON-PARAMETRIC INFERENCE	20	75
MTH603	MATHEMATICAL MODELLING	45	40
MTH610	APPLIED MATRIX THEORY	79	29
MTH611	ALGEBRA II	36	22
MTH622	FRACTAL INTERPOLATION AND APPLICATIONS	13	30
MTH648	DIFFERENTIAL GEOMETRY	10	70
MTH658	NONLINEAR DYNAMICAL SYSTEMS	6	83
MTH664	TRIBOLOGY	3	33
MTH686	NON-LINEAR REGRESSION	17	35
MTH693	NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS	15	53
MTH733	REPRESENTATION THEORY OF LINEAR LIE GROUPS	5	80
MTH734	BANACH ALGEBRAS, C* ALGEBRAS AND SPECTRAL THEORY	7	71
MTH751	ALGEBRA	8	87
MTH752	MATHEMATICAL METHODS	8	50
NT614	NUCLEAR POWER ENGINEERING II	10	80
NT621	NUCLEAR MEASUREMENTS LABORATORY	9	77
NT633	NUCLEAR FUSION	6	83
NT641	INTRODUCTION TO COMPUTERIZED TOMOGRAPHY	23	60
PHI141	INTRODUCTION TO PHILOSOPHY	73	21
PHI447	ETHICS AND SOCIETY	37	18
PHI451	TOPICS IN INDIAN PHILOSOPHY	41	34
PHI753	MODERN LOGIC	74	28
PHY102N	PHYSICS-I	318	89
PHY102S	PHYSICS-I (SLOW PACE)	39	62
PHY103N	PHYSICS - II	321	50
PHY204	QUANTUM PHYSICS	19	100
PHY210	THERMAL PHYSICS	24	87
PHY218	OPTICS LAB	16	62
PHY412	STATISTICAL MECHANICS	47	53
PHY422	MATHEMATICAL METHODS II	36	30
PHY432	QUANTUM MECHANICS II	50	36

PHY462	EXPERIMENTAL PHYSICS II	39	84
PHY473	COMPUTATIONAL PHYSICS	46	93
PHY524	INTRO TO ATOMIC AND NUCLEAR	48	77
PHY602	REVIEW OF QUANTUM PHYSICS I	23	91
PHY604	REVIEW OF QUANTUM PHYSICS II	21	95
PHY614	SPECIAL TOPICS IN QUANTUM MECHANICS	17	47
PHY621	ELECTRONIC STRUCTURE OF MATERIALS	12	91
PHY622	CONDENSED MATTER II	14	85
PHY629	PHYSICS AND TECHNOLOGY OF THIN FILMS	17	58
PHY644	QUANTUM ELECTRONICS	13	76
PHY660	GENERAL RELATIVITY & COSMOLOGY	13	92
PHY672	PHYSICS OF TURBULENCE	20	25
PHY680	PARTICLE PHYSICS	7	85
PHY690W	LOW DIMENSIONAL QUANTUM MANY BODY SYSTEMS	6	58
PSY151	INTRODUCTION TO PSYCHOLOGY	63	38
PSY454	SOCIAL PSYCHOLOGY	30	73
PSY457	INTERPERSONAL DYNAMICS	37	54
PSY458	ORGANIZATIONAL AND ADMINISTRATIVE PSYCHOLOGY	29	82
PSY468	SOCIAL COGNITION	36	55
SE364	MATHEMATICAL MODELING	31	48
SE397	EARTH SYSTEMS	77	61
SOC171	INTRODUCTORY SOCIOLOGY	71	67
SOC470	SOCIOLOGY OF DEVELOPMENT	17	76
SOC473	INDIAN SOCIETY AND CULTURE	36	41
SOC477	URBAN HABITAT AND SOCIAL INTERACTION	35	34
TA101N	ENGINEERING GRAPHICS	343	43
TA201N	INTRODUCTION TO MANUFACTURING PROCESSES	284	62
	Total:	13194	

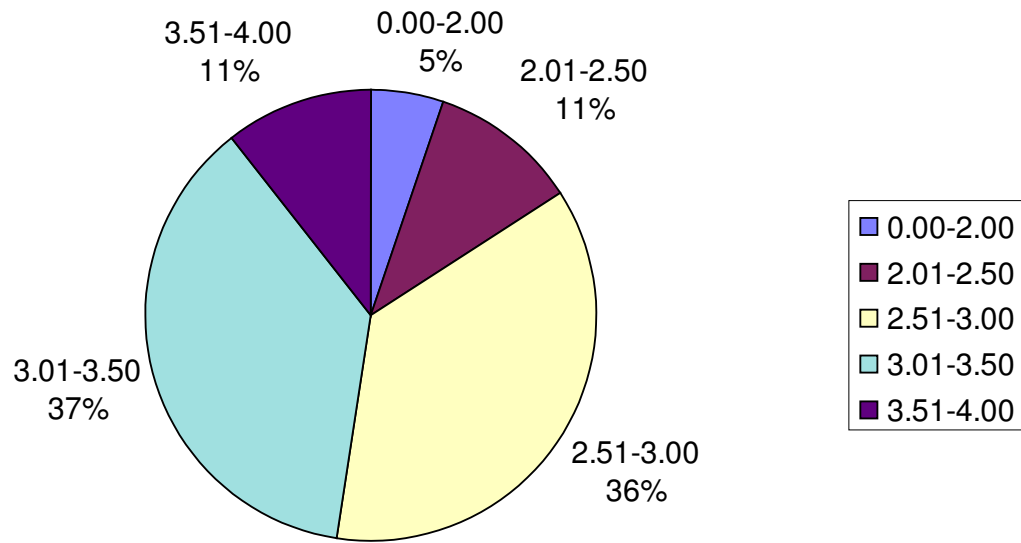
Appendix – C

Performance of Instructor across department :

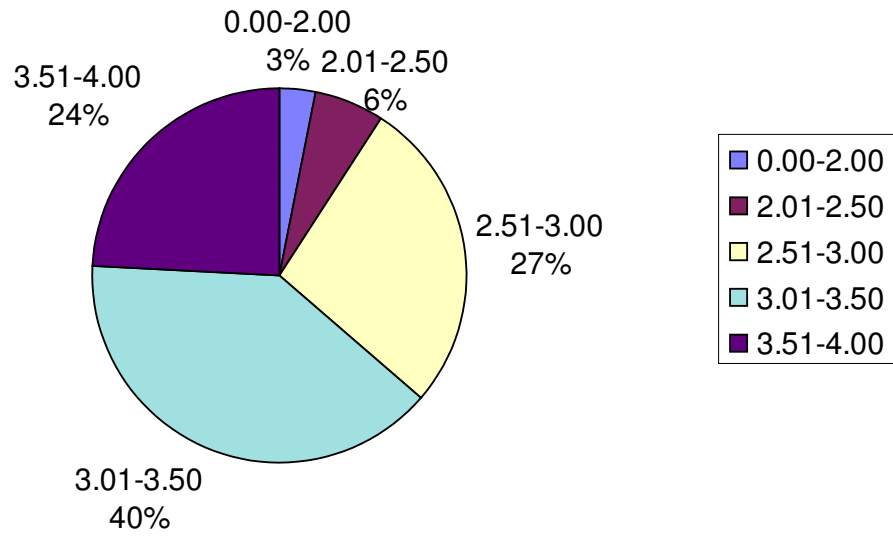
2009-10/II: Instructor Performance Courses in AE



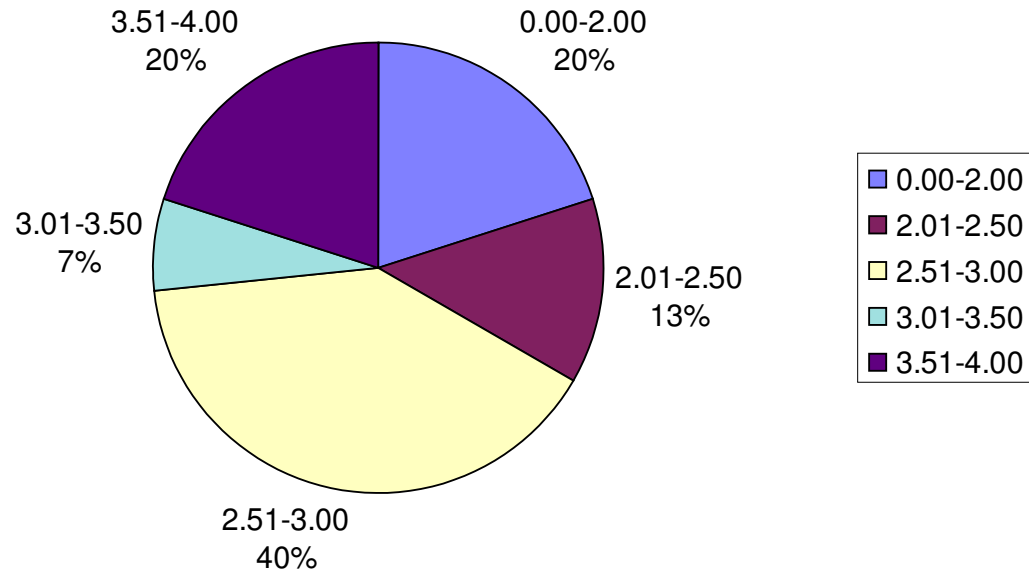
2009-10/II: Instructor Performance Courses in BSBE



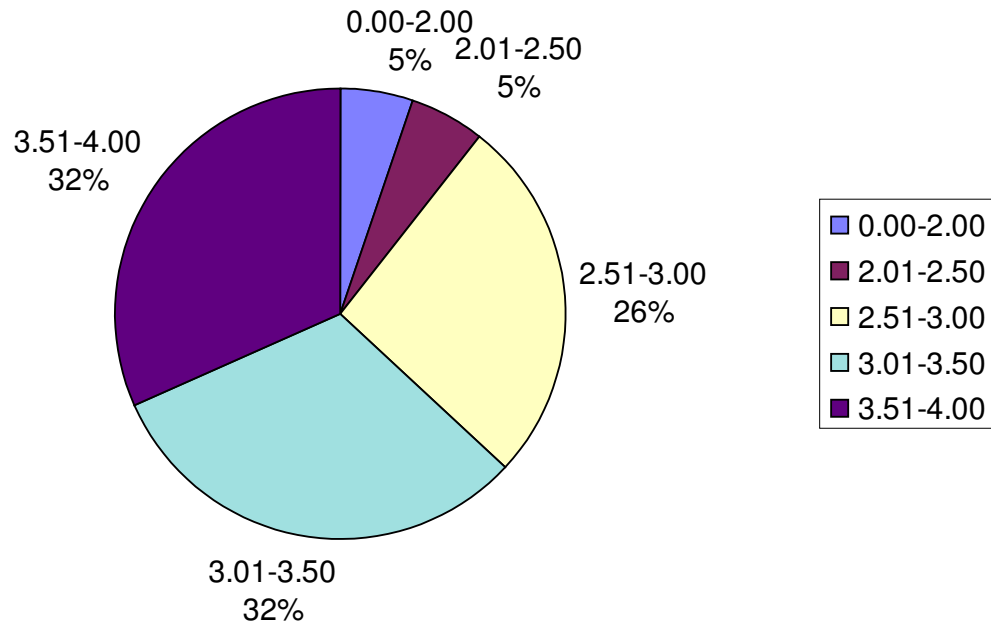
2009-10/II: Instructor Performance Courses in CE



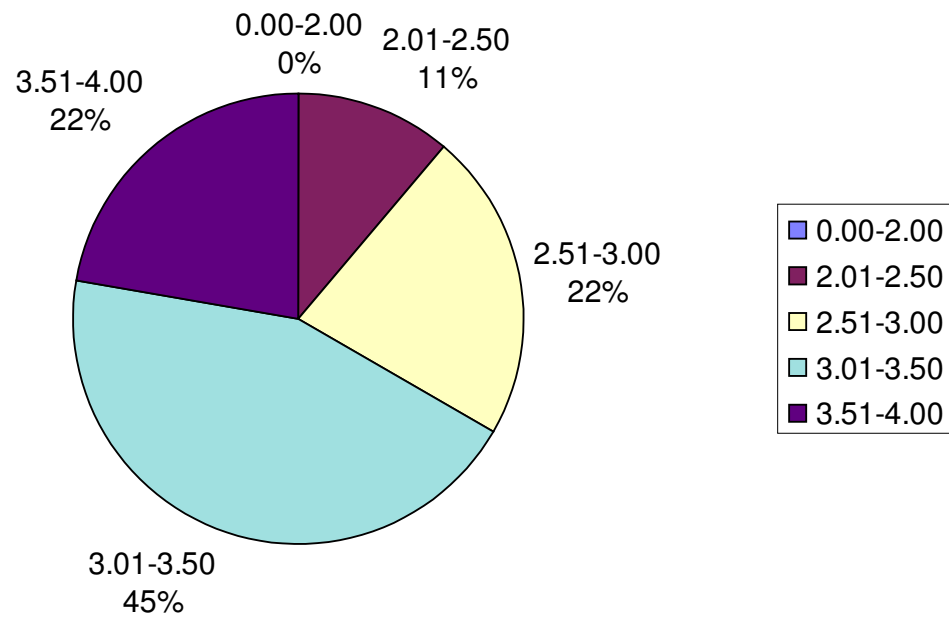
2009-10/II: Instructor Performance Courses in CHE



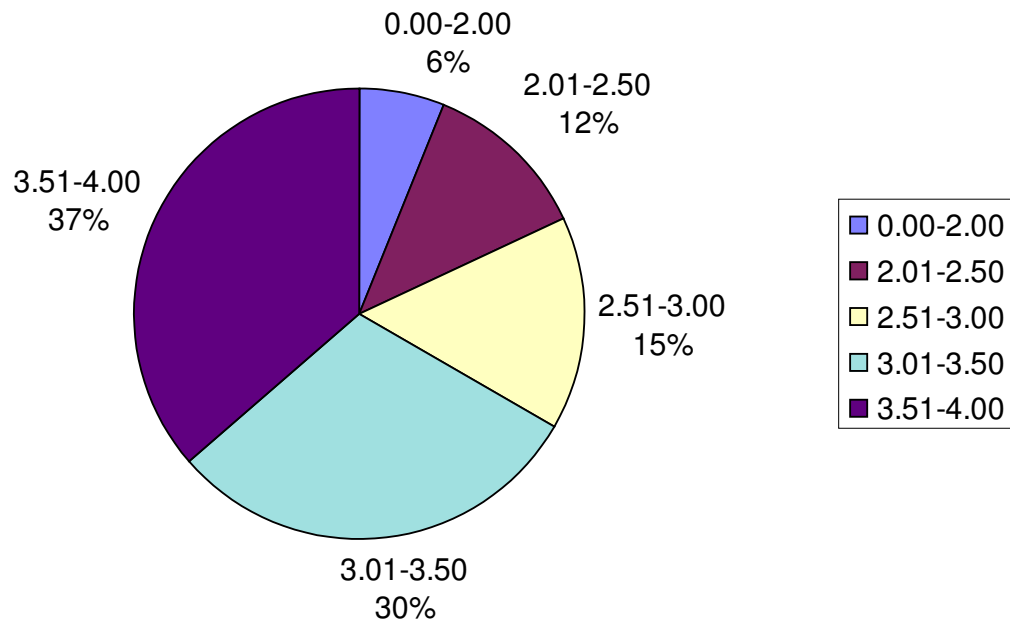
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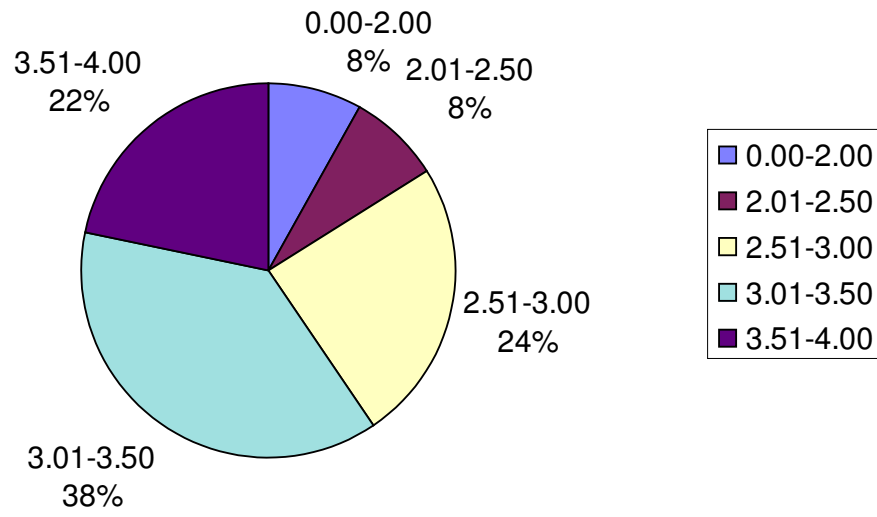
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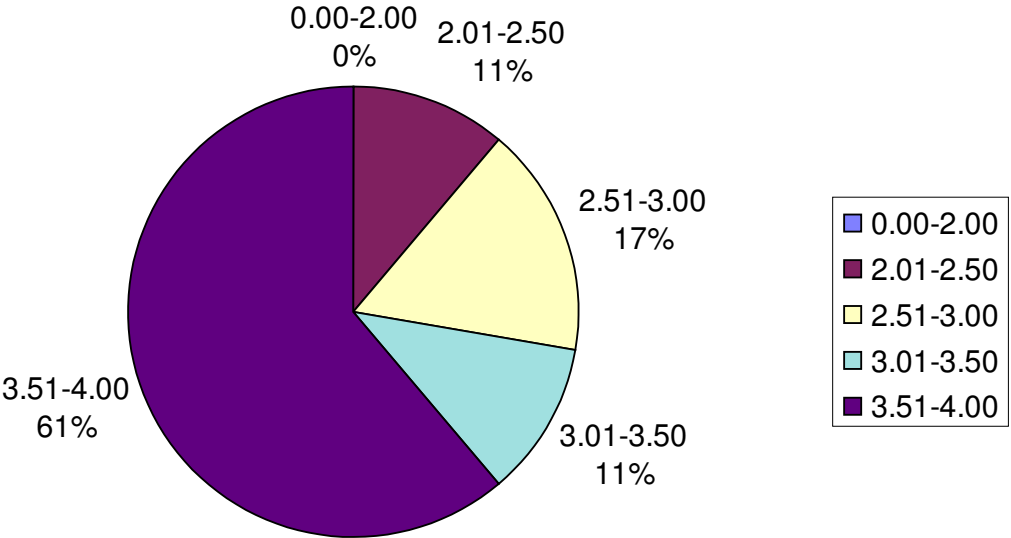
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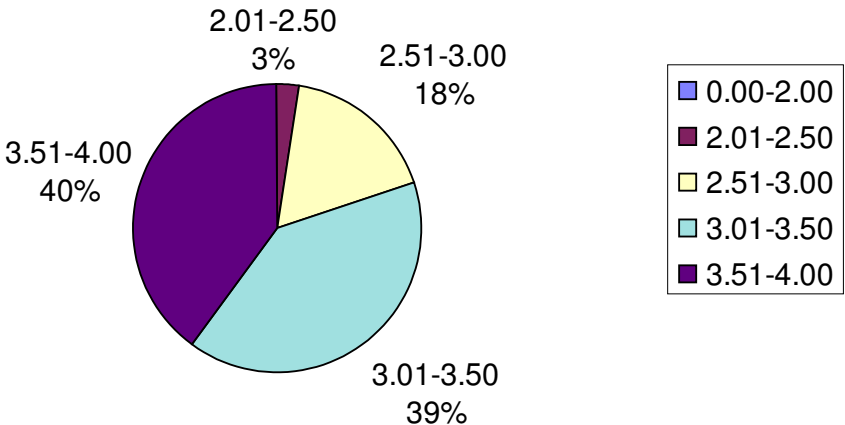
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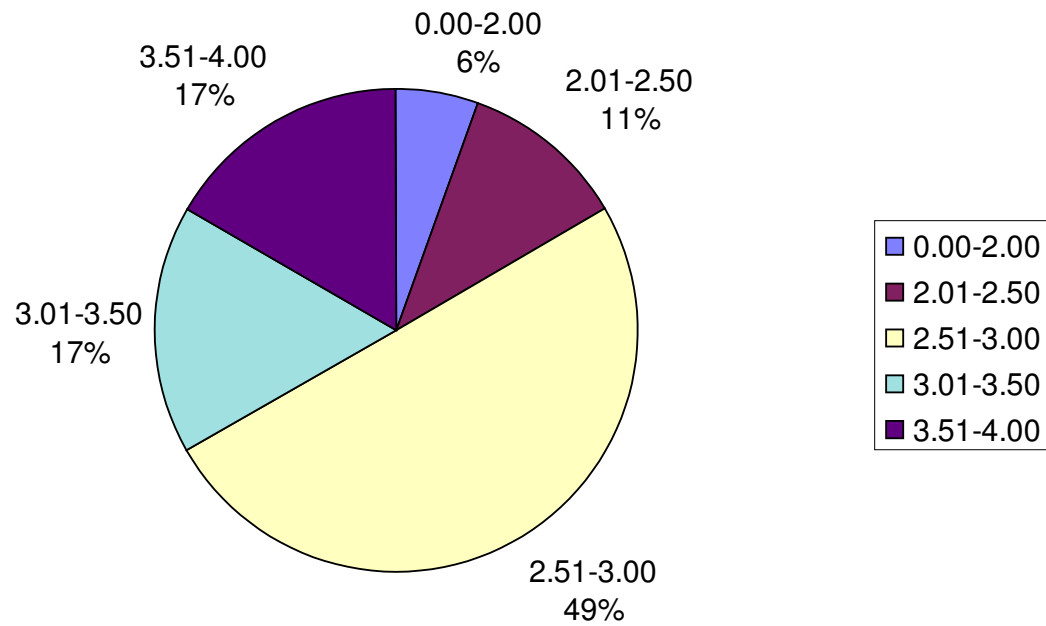
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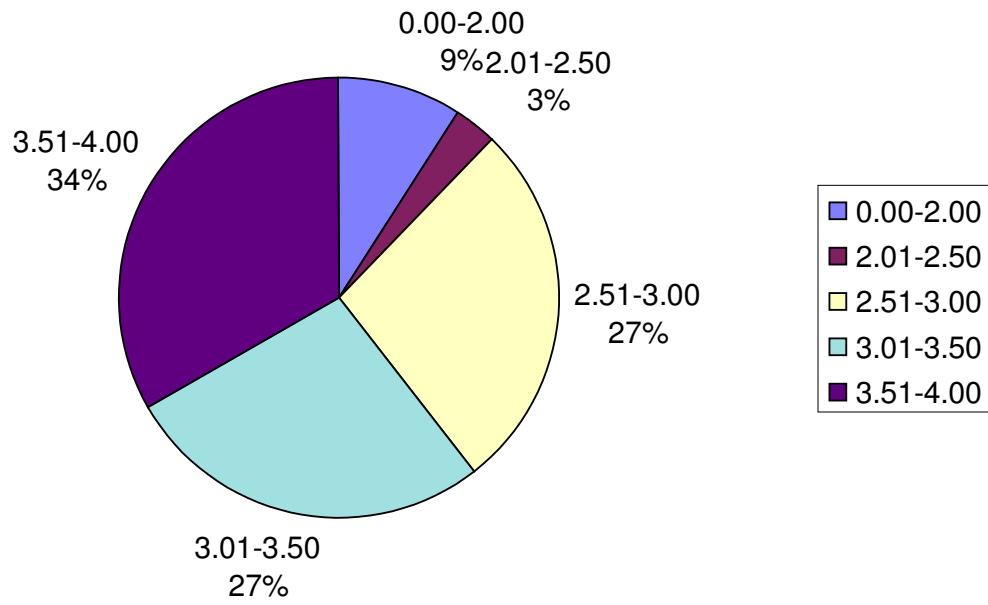
2009-10/II: Instructor Performance Courses in ME



2009-10/II: Instructor Performance Courses in MME



2009-10/II: Instructor Performance Courses in MTH



2009-10/II: Instructor Performance Courses in PHY

