

International Conference @ The Department of Mathematics and Statistics



The Department of Mathematics and Statistics, School of Applied Sciences and Humanities, successfully conducted the three-day International Conference on Non-Linear Analysis and Scientific Computing (ICNASCI-2024), held in hybrid mode. The inaugural session commenced at 9 AM with a prayer song and a welcome dance.

Dr. Santo Banerjee from Politecnico di Torino, Italy, served as the chief guest and addressed the gathering. He emphasized that nonlinear analysis accelerates innovations and research while ensuring precision, ultimately paving the way for new inventions. He highlighted the importance of nonlinear analysis techniques in solving complex engineering problems, as they help to address issues that go beyond the scope of linear methods. He also noted that nonlinear analysis is essential in predicting climate changes and earthquakes, making problem-solving in atmospheric, biological, and economic systems more effective. Furthermore, Dr. Banerjee encouraged students to acquire knowledge in cutting-edge subjects like Artificial Intelligence, Cryptography, IoT, and Data Science.

The keynote speaker, Professor Samarjit Kar from NIT Durgapur,



focused on the benefits of scientific computing, particularly in handling large computations and complex simulations, which facilitate difficult engineering and scientific research. He underlined its broad applications, ranging from astrophysics to material sciences.

Professor Srinivasa Rao Pentyla from IIT Dhanbad highlighted the role of scientific computing software in performing large-scale computations and data analysis in a short time, which significantly reduces costs and accelerates research, benefiting both academic and industrial sectors.

Professor Tirupati Rao Padi from Pondicherry University stressed the importance of students embracing the STEM (Science, Technology, Engineering, and Mathematics) concept, noting that mathematics is gaining global attention. He pointed out that modern technologies like Data Science, Artificial Intelligence, and Machine Learning depend on scientific computing to solve complex problems and analyze large datasets.



Dr. G. Srinivasa Rao, a faculty member from the University of Dodoma in Tanzania, discussed how nonlinear analysis and scientific computing lead to new inventions, not only enhancing research but also providing innovative solutions to future challenges.

Professor Shiv Dutt Kumar from MNNIT Allahabad urged students to tackle some of the unsolved problems in mathematics, which, if solved, could bring stability and advancement to their professional lives.

Professor Arup Kumar Das from ISI Kolkata spoke about the extensive applications of nonlinear analysis and scientific computing in areas like fluid dynamics, quantum physics, and biological systems. Dr. Asit Saha from Sikkim Manipal University advised students specializing in mathematics and statistics to explore Data Science as a research domain, given its increasing relevance and the high demand for professionals in the field, particularly in multinational companies.

The Head of the Department, Dr. Sesagiri Rao, delivered an insightful address, emphasizing the significance of nonlinear analysis and scientific computing in modern-day research. He encouraged the participants to delve deeper into these areas and



contribute to addressing global challenges. He also underscored the importance of interdisciplinary collaboration in tackling complex problems, which will lead to new advancements and innovations in the field.

Over 500 faculty members and research scholars from various countries and states participated in the conference, presenting and publishing their research papers. The event was graced by the presence of Vignan University Vice Chairman Lavu Srikrishnadevarayulu, University Vice Chancellor Professor P. Nagabhushan, Registrar Dr. M.S. Raghunathan, Deans, Heads of Departments, faculty members, and students.



Lunch Availed by Staff 18.10.2024

'A', 'H', 'U' & 'N' Block	510
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Power Consumption on the campus

(A, H, U & N-Block, Boys hostel, Guest house, etc.)	12430
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Staff Attendance Details on 18-10-2024

Staff	% of Attendance	% of Staff on duty	% of Staff on Leave	% of Staff on Absent
Teaching	-	-	-	-
Non teaching	-	-	-	-

Vignan Priyadarshini Girls Hostel 17.10.2024

Time	Present	Absent	Total	Wastage in kgs
Breakfast	1987	215	2205	27
Lunch	2102	103	2205	45
Snacks	1999	205	2205	29
Dinner	2121	84	2205	56

LAW Dept. wise consoldt. attend. (1st hour) (Excluding Blocked Students)

Branch	Strength	Absent	Present	%
B.A (LLB)	41	40	19	46
B.B.A(LLB)	40	40	14	35
TOTAL	81	80	33	40

NTR Vignan Library 17.10.2024

NO. OF VISITORS (STUDENTS)	2266
NO. OF VISITORS (STAFF)	102
NO. OF BOOK ISSUES	144
NO. OF BOOK RETURNS	150

Vignan Vihar Boys Hostel 17.10.2024

Time	Present	Absent	Total	Wastage in kgs
Breakfast	1911	187	2098	15
Lunch	1983	115	2098	23
Snacks	1838	260	2098	10
Dinner	1925	173	2098	20

Finance 17.10.2024

Particulars	Amount in Lakhs
Mohans Wood Works, Hyd	11,05,444
Mohans Wood Works, Hyd	5,26,470
Hitech Print Systems Ltd,Vja - Exam Cell	38,220
HOD, EEE Dept.	2,420
Director, Law Dept	3,870
HOD- Food Tech Dept.	19,869
307 - Internship Expenses	4,500
N.S.Sampath Kumar Joint Dean AAA	60,000
Innovians Technologies	37,800
Aamoda Publications Pvt.Ltd.,	5,88,571
203 - Incentives to Staff	3,000
Undisbursed Salaries	26,335
CDOE Course Fee Refund	35720
920 - Travelling & Accommodation Exp	18554
Jagati Publications Ltd.,	980952
A.Lokaditya, Sr.Asst.	12000
A.Lokaditya, Sr.Asst.	1147
801 - Placement Expenditure	32204
304-Seminars/Workshops/conferences Staff Participat	10204
Madeena Enterprises, Vadlamudi	8973
Dr.K.V.K.Kishore, PI, STI Hub Project	200000
203 - Incentives to Staff	2195523
Undisbursed Salaries	80355
903 - Electricity Charges	23158
903 - Electricity Charges	980
903 - Electricity Charges	29784
903 - Electricity Charges	19820
903 - Electricity Charges	5363
903 - Electricity Charges	25190
Fee Collection from students - 95	44,53,900
TOTAL	1,05,50,326

M.Tech. Dept. wise consoldt. attend. (1st hour) (Excluding Blocked Students)

Branch	Strength	Absent	Present	%
PED	1	1	1	100
CSE	35	35	10	76
FM	8	5	2	50
VLSI	6	6	1	16
FT	17	17	1	7
BIOTECH	8	8	0	0
CIVIL	6	3	0	0
MD	1	1	0	0
TOTAL	82	76	15	18

Diploma Dept. wise consoldt. attend. (1st hour) (Excluding Blocked Students)

Branch	Strength	Absent	Present	%
DECE	18	18	12	66
DCSE	93	93	54	58
TOTAL	111	111	66	59

Girls Hostel Students Information Date : 17-10-2024

Total No. of students in hostel	Presen-tees	Students went to outing	
2206	2115	91	
Total no. of students attending for study hours	Attended	Not Attended	
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Total no. of students engaging in sports/NCC	Participated	Not participated	
Sports -100 NCC-50	0	150	
No. of sick students in the hostel UG			
1 st year	2 nd year	3 rd year	4 th year
5	3	2	1

B.Tech. Dept. wise consoldt. attend. (1st hour) (Excluding Blocked Students)

Branch	Strength	Absent	Present	%
S&H	3181	3181	2332	73
AIANDML	621	621	448	72
BI	287	287	184	64
DS	149	149	94	63
BIOTECH	425	425	262	61
TT	20	20	12	60
BM	124	124	74	59
CSECS	193	193	109	56
CSE	2549	2549	1419	55
EEE	185	185	102	55
IT	381	381	205	53
ECE	754	753	379	50
CHEM	50	50	24	48
MECH	114	114	54	47
CIVIL	66	66	31	46
CSBS	88	88	37	42
RA	52	52	20	38
FT	105	105	39	37
AG	62	62	16	25
TOTAL	9406	9405	5841	62

PG Dept. wise consoldt. attend. (1st hour) (Excluding Blocked Students)

Branch	Strength	Absent	Present	%
MCA	206	206	138	66
MBA	302	301	128	42
DS	12	12	4	33
OC	45	45	8	17
CHEMISTRY	9	9	1	11
TOTAL	574	573	279	48

UG Dept. wise consoldt. attend. (1st hour) (Excluding Blocked Students)

Branch	Strength	Absent	Present	%
ACTSC	1	1	1	100
BCA	124	124	64	51
BBA	347	347	170	48
BSC	33	33	13	39
BSC HONS	267	263	87	32
B.PHARM	188	188	53	28
TOTAL	960	956	388	40

Branch Wise Attendance Entry Status Report 18-10-2024

Branch Name	Total No of Periods	No of Periods Posted Attendance In-Time	No of Periods Posted Attendance Late
S&H	286	64	222
CSE	240	32	208
ECE	136	25	111
BIOTECH	78	26	52
AIANDML	63	12	51
IT	45	11	34
BI	54	21	33
CSBS	23	2	21
EEE	21	1	20
CIVIL	20	2	18
CSECS	21	3	18
TT	21	4	17
MECH	23	7	16
BM	23	7	16
RA	21	5	16
DS	21	5	16
FT	21	6	15
CHEM	21	7	14
AG	14	1	13
TOTAL	1152	241	911

He who frames the question wins the debate.