

Dayananda Sagar College of Arts, Science, and Commerce

Internal Quality Assurance Cell

Department of Computer Applications - 5-Day Virtual Faculty Development Program

"Emerging Trends in IT Research: Innovations & Future Directions"

Department : Department of Computer Applications

Date of Report:21-04-2025 to 25-04-2025

St. No	. Particulars	Event related Detail	ls				
1.	Event*	Faculty Development Program					
2,	Title of the Event	"Emerging Trend	s in IT I	Research: Innova	tions & Future Directions"		
3.	Date of Conduction	24-4-2025 to 25-04-202		Time ;	5.30 PM to 8:30 PM		
5.	Venue	Virtual mode : Goog	le Meet-	link - meet.google	.com/yom-yjgu-rdh		
6.	Resource Person Details	Day 1: Dr. Ajith Padya	ana, Prog ingh Kun 'amijala, Associate	ram Head (Special) tal, Associate Profe Product Manager, S	Officer), VTU - VRIF & TCoE, ssor, NITTE Mecnakshi Institute of Technology loroco		
7.	Topics Covered	Day 1: "Future of C computing". Day 2: "Artificial In Day 3: "Beyond Cha Day 4: " Computation	omputin telligence et – Real	g – A Comparativo e & Machine Lear World Enterprise	analysis of traditional, super and Quantum ning for Mathematical Learning Applications with ChatGpt and LLMs		
8.	Resource Person 2 Details	NA POUR ARU I	ecunique	s: 10wards Efficie	ncy yet Novel Research".		
9.	Topics Covered	NA					
10.	No. Faculty Participants	Internal:	66	External:	33		
11.	No. Student Participants	Internal;	NIL	External:	NIL ,		
12.	Faculty Coordinator/s	Name: Prof.Dr.Kumud. Designation; Professo Department: Departmer Name: Dr. Aruna Devi. O Designation; Associate Department; Departmer Name: Prof.Srivatsala Designation: Assistant Department: Departmen Name: Prof.Kohila Kan Designation: Assistant F Department: Departmen Name: Prof.Ranjini K S Designation: Assistant P Department: Departmen Name: Prof.Ranjini K S Designation: Assistant P Department: Departmen	r & Depu nt of Com Professor Professor it of Com agalakshr Professor, t of Comp	nputer Applications, or & HOD-BCA puter Applications, puter Applications, mi	DSCASC. DSCASC. DSCASC.		
	Coordinator/s	Name: Mr. Jashwanth Class& Section: III MCA 'A' RegNo: P03CJ23S126043					
	Total	20,000/-	15	Sponsors and			

Sl. No.	Particulars	Event related Details			
16.	Agenda of the Event	Faculty Development Program aims to explore the latest trends shaping the IT research landscape, including advancements in Artificial Intelligence, Machine Learning, Quantum Computing, loT and Data Science,	47.	Provide the link of the report uploaded on College Website	No
18.	Social Media Links	and an along the second	19.	Report sent to Newspapers? If yes, provide cuttings/images:	No.
20.	Certificates Printed?	Yes	21.	Feedback Collected?	Yes
22.	Attendance Sheet Attached?	Yes	23	Photographs of the Event	Attached
	the Event	Development Program advancements in Artificis For 5 days each resour learning to Al tools like of Day 1: The first day of the and the faculty. Dr.Balu latest technologies. Dr. computing, traditional coand use cases. Day 2: Mr. Ravinder Simulational explained about the using a data set of IPI extensively. Day 3: Mr.Hemanth Yamin the building application enterprise should use it a a great session. Day 4: Ms.Eeswari on of uncertainty. She extensively applications in ML. She Day 5: Dr.Swapnil Son detail how to use various involved in the session.	is to al Intell ce per- ChatGF he FDF L adds Ajith P computing h Kurapplica and in mijala cons espend what alay 4 coverly coverplain i cover is tools Dr. Arur	explore the latest igence, Machine Leason covered various. To mathematics in commenced with advessed the gathering advana, the resource and quantum command on the day 2 of the tions of mathematics using python code. In day 3 of the FDP cocially in industries. Variety the transfer of Covered Fuzzy soft sets ed the key concept in ed the topic of tools for review, visualizate Devi, HOD-BCA as	trends shaping the IT research landscape, including trends shaping the IT research landscape, including trining, Quantum Computing, Io'l and Data Science, topics ranging from Artificial intelligence to machine AI. Day-wise summary is as follows: dress by Dr. Kumudavalli welcoming Principal Dr. Balu I and encouraged all the faculty to learn and evolve in the person for the day spoke and explained about superputing. He also explained their differences, application the FDP addressed the topic of mathematics in AI and MI in the field of AI. He explained the topic of data analysis He demonstrated the results and discussed about their overed the topic of AI tools and usage of ChatGpt. What is LEM? How does ChatGPT work? How exactly as explained wonderfully by Mr. Hemanth. Over all it was computational Intelligence and how it is used in cases of and non-sorting genetic algorithms and their usage and detail with examples. If was a great learning session, and technologies in the research field. He explained in the intended the gathering and gave the closing remarks, and faculty gained insights into latest trends and topics in the faculty and faculty gained insights into latest trends and topics in

Event Coordinator

IQAC Coordinator

Days. de Scien Kumara

College of Arts. .cmmerce



Dayananda Sagar College of Arts, Science, and Commerce

Internal Quality Assurance Cell

Department of Computer Applications - 5-Day Virtual Faculty Development Program

on

"Emerging Trends in IT Research: Innovations & Future Directions"

Department : BCA & MCA Date of Report:21-04-2025 to 25-04-2025

PHOTOGRPAHS:



Photo 1: Welcome speech by Dr. Kumudavalli, Deputy Director

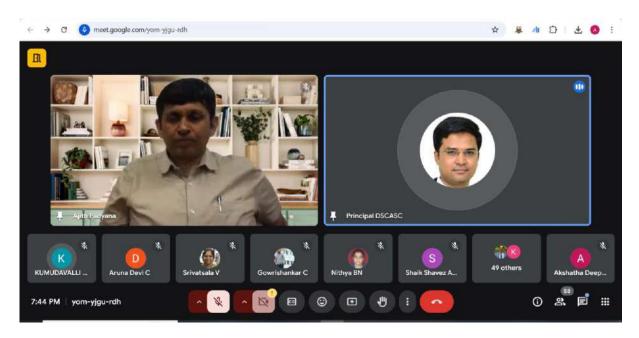


Photo 2: Inaugural Speech by Dr. Balu, Principal, DSCASC

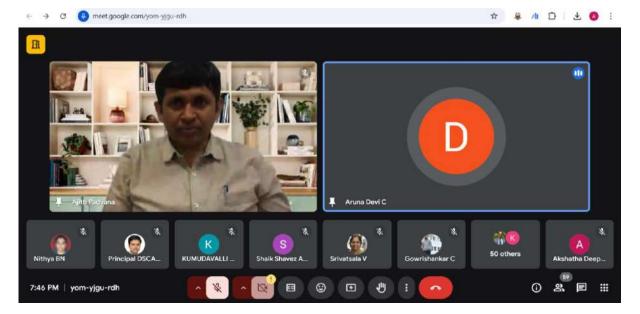


Photo 3: Speaker Introduction by Dr. Aruna Devi, HOD - BCA



Photo 4: Dr. Ajith Padyana is explaining about Quantum Computing

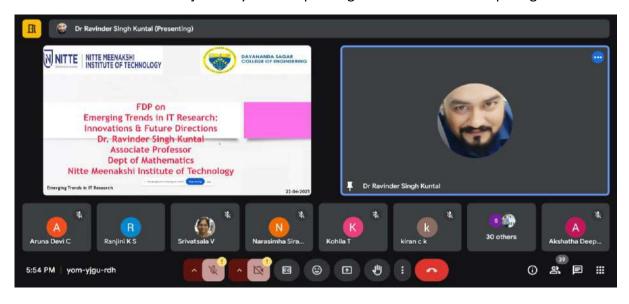


Photo 5: Dr. Dr. Ravinder Singh Kuntal is explaining about Emerging Trends

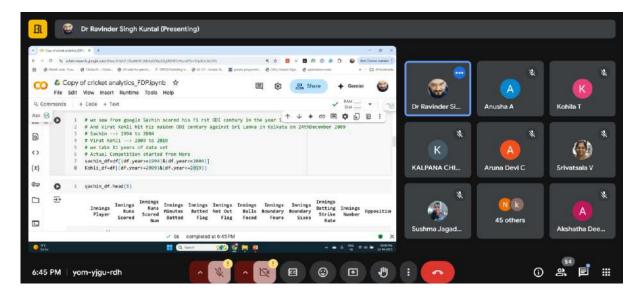


Photo 6: Hands-on session on Machine Learning by Dr. Dr. Ravinder Singh Kuntal

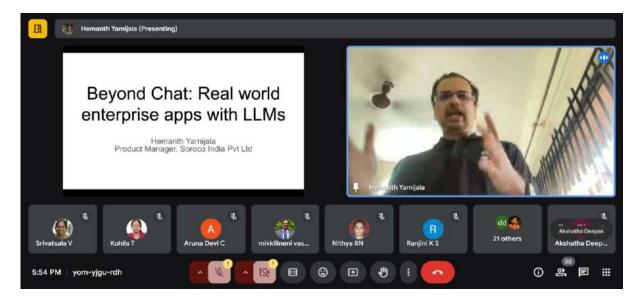


Photo 7: Mr. Hemanth Y is explaining about ChatGpt and LLM

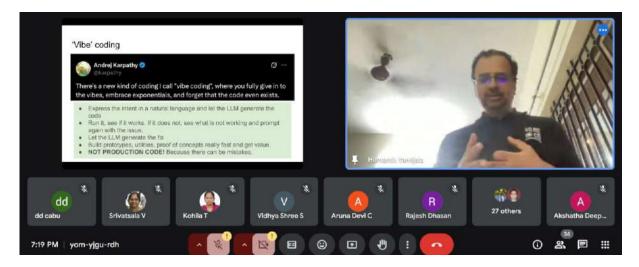


Photo 8: Mr. Hemanth Y is explaining about Vibe coding

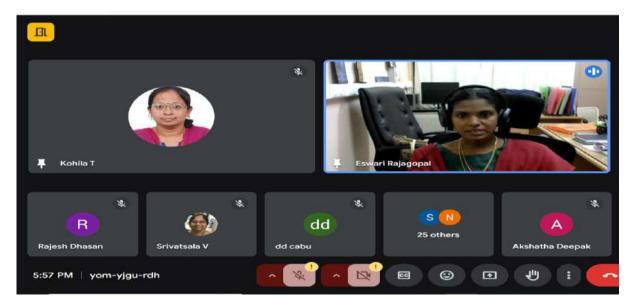


Photo 9: Dr. R Eswari is explaining about Computational Intelligence

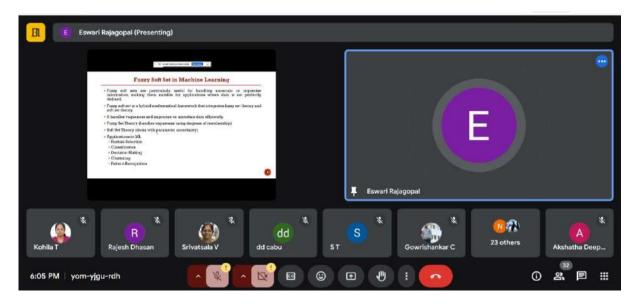


Photo 10: Dr. R Eswari is explaining about Fuzzy set

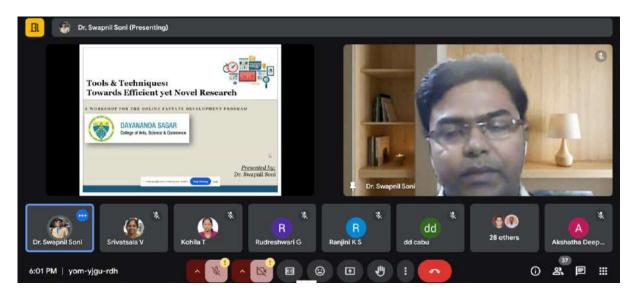


Photo 11: Dr. Swapnil Soni is explaining Tools and Techniques for Novel Research



Photo 12: Dr. Swapnil Soni is explaining GRIP



Photo 13: Group Photo with Participants

	24 OF USE 10 14	Checker V Subsection V	2,017.03	23-04-2025 22-03	Rayret Olasies Rayret S	TANK CONTRACTOR	0745 SDR-10-41	Parente III	1187	11-01-200-10-11 11-01-200-10-11	Method C7	
	an (1 km) to so	Charles 9	200,000	SECT 5200-1010.	Pajett Diases	0.6470	13-04-3625 17-58	Parmeter	23827	25-04-2008 (3):00	Density N7	
									PAGES.			
	11.11.41.00.10.10	AND PROPERTY.	170017	DE GI SANCE MEGEL . V	ALPLANTOS CILAMPONATE	208.26	12-04-2025 17.78	NEWSTAN		11-01-000 10-11	Mangalantinostodesan	
	The Grace House	Supplied Milestrating	10.00	Specifical rest	Problem 8.5	00,000	\$274 SEEC 90 21	Material Scapopi	\$400E	11-91-3035-30-10	A southerness	
	sign (IDE) to be	Subject against	1,055	39-00-1005-10-4t	Procedure Procedure	0.0149	10-04-2025 58-24	HYGANACISMANIA	0.07.90	20-31-000-10-10	Lufdi Carors	
et in a	26,015,015,117,16	Severals 7	913.71	29-84-2005-18-47	Particular	ann	12/04/2005/19/14	Mrs. Aut Chery Detects	11277	57-94-2005-18-29	DOWNACH	
	SCOTTON VICTORS	Septem N	0,000,05	33-04-2005-18-05	Merchanic	0.0000	95305 SD00-40-43	Mrs. Fared a Dejver	1000	Brst 500 year	KuldyCaringalatery T	
	PLATTER POSE	- selides	SCS26	10,215,000,700,00	Mary IN	Serion	S0185-5/55-610-63	more reported to	24544	at 21 GBS 10 Tc	7,4990	
	non Grid-York	DMMMM0	10,000	95 cm 6001 09 52	Name of Street	SCHE	12-04-3335-3340	Synaphy	431.77	30,000,000,000,000	83,000	
SPIRT I	SECTION NAMED AND ADDRESS OF	*	1,00.51	20-44-1005-1724	printing mynerings	NC DK	SPATISTICS NO.	Merculoscap	100700	37-94-2005-317-32	A WITTH STREET	
	9411 STD/YD36	Budgethaue G	926.66	23-04-1025-18-29	Vicinit Sori	option	12-01-2005-01-01	Management 5	100,00	27-01-2025-11-11	NUMBER OF STATES	
	SCHOOL STEEPON	Setta W.F	0.62.38	U.N. 5202-3052	Moderatus	0.00.57	30915200102	Mequinodes Krahnamorks	00000	31-04-3025 HL47	Designation C	
	#1 #1 ATOL: YO 24	23.0000	93004		Mrs. Fair Child Devil	90164	57-04-2025 18498	Toldes Remarks	0/193	31-94-302-17-36	100 Stranders	
	20.015/00/00/00/00	Newpork!	0.000.00	15/01/2004-9042	Myx Faunetra Beguns	adist	11-00-2004-18-18	140m	SECTION	STORY SEE NOT	Harman	
	W. / CVITTO NO NO	Papel Disease	0.00,43	SN1-031-00-02	Ve Sajerdo Siever	64679	11-04-2025-10-00	PASAUMANT.	.11(000)	DISTRIBUTED OF	MICHAEL MICHAEL	
	SECRETARIA NEW	Pridery 25	08,620	1111 500 1005	Unghana C	6,15,59	12-04-2003-07-03	Epidelandesignal L	232,02	25-04-2525-17-27	Specialistics	
	SOUTH VIEW POPE	Fromore Sender	10,000	HE21 S280-HORS	Washighton K2	(page)	\$233.0000 ap.41	1,000	12698	21-01-05-07-07	Gentledgen	
at Mark	WILL ALTON SO DO	HP ref SN	TOTAL	21-04-3635-3638	Available system Available	19763	71/21/5000-00-17	DAN VARIABLE OWNERS	State	WAS SEED OF	Complete (septembra)	
	54-04-0005-17-46	Nation Paths	05236	SELECTION SOCI	Maditarjan GB	02610	21-94-2005-18-94	Swindship C	Ditt	Series sparsoner	otherwise expellent	
HOUSE	94-04-2003 (1778)	Barawania Shiguppi	11961	SOUL SERVICE	Caldida Rande S	0,050	Unit 5002:1011	February 5	81000	35355BEHOTE	CHATTER HANNING	
25,200	90 H, VPOC 10 35	HAGRINGSWALLE	101	DEST SERVICE	PLOWARDS T	DAME	ad crystal sport.	Supplements C	129.27	21 cm 243/1 17 cm	and contraction	
MODEL .	8000 1000 1008	V implication (April 1995)	2,0040	SC11 GRO 10-12	Nobile T	0.00,00	HERESON PERE	Cestallery	10811	23-00-200 kg/d5	the Liberton Vest (Appella)	
Betti .	\$4.04.000 May 11.44	Makes	1240	are sincipal.	ATTACLES WHITTON	14235	Decr. 6302-10/TE	Geothy Leather A	94,000	23-04-2025 17-47	0.00.74650	
STATE	14 Ot 2002 State	M2YSBWWII	3.15.48	37-04-3035-55-AS	March Street	discre-	CHILDREN TO THE	Tables to religious	STEELS.	25-17 (100-2017)	On York Surent	
entere.	90,000,000,000,00	Notifier.	1/42/06	SP 04-5035 (8/4)	Gowinthwarr C	TW200	D/315,500-10-TT	Chelegista participation	81,911	22-50-2025-15-00	SHEAT LANGE 10	
11024	1741 570530+1	CHAIL BOLLING ANNAUGO	Christ's	AT 52 STOC SO S.Z.	Geeffashree K	02846	21-04-2002 TE2:	DOLL PRODUS	20000	99-515-00-57	Or, had Add Pooder	
1,00.44	W. L. GOCHO 9.	Edward MX	300,000	17 LT 1/000 10 LT	Gredin Laksbert N	12839	SECTION 2	Dr. Allers Famuer	0.00	57-04-3002-to-24	On Married Reside	
anna	34.04.500.15.44	SHOREOUTH	13061	12306-901518-22	Cargodian Proj San	Hara.	0.03500000000	Aspend Toward so.	41817	21-04-2005 (8.0)	Dr. Kotstit Styrnor	
anyett.	89/21 V/DC 302-83	Combanta C	20102	33-04-2025-5758	G082547% R304200	CLORO	THE SAME NO. II.	Th. Warner Parks	2,5029	SE-17 4202 75-12	DE BID Verdudent	
0,000	18 00 000 17 88	Careffy Lab. (Ameriti	1,074)	23-04-9005/19-55	GURLINGS E.	84.450	20 04-3005 1800Z	Chinese on	057.03	10,014,000,10,11	Dr. Jejava Devi C	
625.50	34-04-2013-20-8E	Sangadhas Riya, Fampalya	90854	TA BE STORE BOLE	Dr.S. Persona	128.15	21.04.2825.1238	Dr. Amant Appa Blysted	11847	TEST SEEDS HOTE	Or, demand doors Address C	
Rest	34.01.5202+0+E	Courté Rajagope?	Arring.	25 (13 00% sect.)	Dr. Walter Schools, vol.	T4004	元の一次の1775年	Dr Rechtler Smph Kuntal	400.09	21-01-0505-11-20	Despitabilities .	
25,520	34.05.000 16.18	Gra. Parithry	SPINI	23-56-2005-17-50	Dr. Wassey VI. Martin	wites	22-G8-(1878-12-48	Departs Mad Oreses	136.50	1515 (2001) 012	Daywoo Marriede	
TOWAR .	34.04.5003 m.st	Ch. Yillayo Kalmadi	0.0000	\$3.00 305 Has	Dr. Gradu Sensioner	651.0	20-04-2625-17.59	BC06960	0.01.76	21-51-0525 18:00	1145	
0,000.00	34.04.2025.00.00	On Money Backs	216.34	WENT (00)	Dr. America Salva Abridan	89164	C 81528250 E	Arrests Noten	12426	Systematics for the	(Contract)	
MAKE	Part GOO SO SE	On Design Agest Advanced	221000	DESCRIPTION OF THE PROPERTY OF	Deeplifus Strating	vorter.	14 XESSEEPHORE	Admin Spinsory	1136.07	AC 41 9753, 10 12.	Association (Associated	
1,076	IF IT OUT TO BE	Dayling Statillers	0,96,40	14'CLG002'10'S2	Departs Mad Devo	133,000	22,01-2005-13,29	Mysica Dwylic	1988	styl size op t2	Appendict C	
ONSET, 1	94.21 1025,49.45	Angel Health	W-60m	conductors that	однімора	660,00	SCIT-SSE 10 R	Authors	27.1172	\$1,000 \$300 to 12.21	originaps reprint	
0,28,36	IN ALCORDAGES	America Redougher	204.44	35-03 CONT-HO-CC	Authoritis Statistics (in)	1,000	27.01.020.18.00	Arbeit Remark V.	106-0	GEVESSIF 1072	* Anthony	
1,000	PULL GOLD INSTRU	Semilar Sylvania	Treces	HELL COORDON	Armes Device	255.40	D-51-535-10-C	Andre Schwiger	1/17/20	SPACESSPRING	946849	
SUME	0V/15591909C	Armsha A	1.00.00	Sept State of Co.	Section by the sec-	3,5120	21-04-353-3-010	August	1100.11	19/39 5/20 10-17	Salestin Lipskind	
1,861	Wir stat work	Vintery	04,190	10/11/00/1000	America &	88.38	0595,5382,9070	Average A	- 55 520	13.64.0435546.51	Villagadore	
SCSSIC .	Walter States	Ahandia Likidiya	131.47	\$1.75.25 Holds	ALERSON A	ARMA	sect unstitopic	Asserble (altrice)	2,65.4	HALL STREET STORY	Month Segret	
2000	2604 (52) (78)	Althorage Compet	233,41	25-04-2825-0739	Alethorna Despair	Street	\$ 013/05/27.29	Alich att la Dergarb	Design.	13 On SHIT VINE WOLLT	Ajith Podition	
natri.	(FUL 4225 HDS)	130 SERVICE	2,70.18	SEAL CROPPORT	VINSHIY.	1,41.00	AT21538540 CL.	Mesery	Marce	ACTOMISE BOLD	530630	
Time of Call	Ferrises.	rud Niest	The second	Medical	TulkSternel	mesocon .	No.	/uppers	WOOD .			
	05-05 00-05-05 00-0	. Delegation of the second		2010/2010 0010/2010 0010/2010	 Deleting cade (st.) Deleting cade (st.) 		- A	Foreign of the second of		A TONOR TO	President and page 1.	
		* Medi			- 10-11	18		gardhaon, min,			* Marty June (David)	
		Mark About 1995 Wat About 199	Secretary to the secret	1000 1000			Common of Statistics Common of Statistics	Total Color Total Color	Control Cont			Control Cont

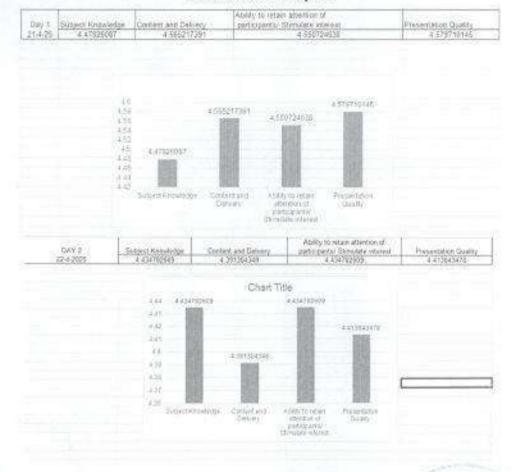
A Commence Windshift ! No str STREET, SQUARE, PATTERN SOLD Title best still 0 04 1891 10 0 Printer and TWO LONG AND ADDRESS OF STATE STATE AND ASS. PA VI LISA 90 14 CONTRIBUTED IN Per start years of All and story A STREET OF CO. PERSONAL NAMES PLATING HELD All burnels University of Act because WH Newton THERMOTE THE SPENDING Ē the same A ANNALL SELE Syaufier distribution of Allega Top many COMPANY NO THE PARTY 9)(1100/ec-c WESTERNA ENGINEROS HALLSHIPPET CHESTANDE SPERMENTS. STOCKERS FOR FR.086 Herr RAL MIR NY CI B (1) ((()) 10 to (1) DESCRIPTION Personal Services POR GREEN SOLD OF BUILDING ALC Offill by your (231,1(0),40),07 DESCRIPTION OWNERS OF IN LEADING AN U.S. HALLESS WOLLD OFFICER SPECIAL CO. N.C. VIOLEGE SCHOOL SHIP SHIPS HITH MICHORE MATTER PROPERTY. PATOMORE WITHOUT TOTAL STREET WATERDAY OF W///Wkmir in A year so co STREET, SOLD IN THE STREET W/Utilites or 11 04 313 11 17 14 Will SALES BELL BOD STREET TO STREET STATES DACABLE SOCI HOUSE SHEET NW SOUTH CO. FULL BUT NO CT PARCO Statistical reason Statistics, Spinster, THISTORY CHUNNING CHONINGS ANDRON in equipment POST STORY NAT GERT SPICE ET BY MOOD BOLES SCAL SECTION Wat spit son 13 CH 2005 15 A REFERS SECTIONS \$100 SEE 37.14 ELO SO00 10 CE HTT SAM NO. C. 23-06-3015 (X.24 101253351013 25-24-3525-35-38 CONSTRUCTION OF STREET 23196200317.44 TEST 5002 NO.EE 23-04-0435 17-44 DH SECHELL MARK STORESSEE SYCESTOCHORE WAS SUPPORT SAL MANNET CT-04-2005-EB-TO SOUTHWEST. OTHER SASS-HERE PC053081147 ET-01-5002-12/20 N'AL USBERBER STREET STORE SOLE CENTRAL PROPERTY 1424 11001 0,00747 TOTAL 200.00 1122300 22011 DATE: 1003 17604 1235 Patricial Spirits the management substitution of 14.04.2005 17.47 14.04.2005 17.47 1401-2025 167 25.01.5002.00.02 PERSONAL PROPERTY. 3404-383-17-19 11,01,000,000,14,11 virtume to per 14-04-2025-57-47 F15 S00590F1 24042003383 0.3660 14520 13522 178.5 settly Dodde production (boson) and Sandra 25-06-2007 U.V. X4-300-136 HT KERCHOST PATE SHIP 10/21 PLICENTER'S COLUMN TOTAL 25044433374 still seedless 260430653750 STANDERS ALP 2010/02/03/2012 unper terror no ser SE STREET POST EUR STRESON 57.4C \$180.60 SE DO ON OUT OF THE 25/04/00/25/25/25 17-04-3015-17-51 50,000,000,000 Pritypoto S. FF ET 5 (000-10) S.T. 00 ELS 000-10-5r Transment THE GOOD BY THE TALCO MITTER SOLET 25/00/2005 \$18.00) 15-08-2005 17-33 15-04-3/05-0-34 1504-2003-11/37 IX PL SOCHOST 20130 28711

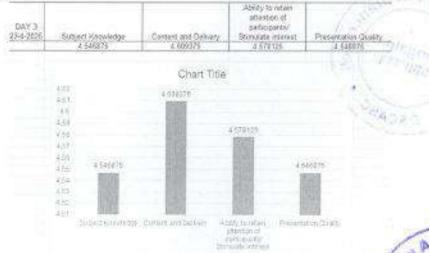
Dayananda Sagar College of Arts, Science, and Commerce Internal Quality Assurance Cell Department of Computer Applications - 5-Day Virtual Faculty Development Program

on

"Emerging Trends in IT Research:Innovations & Future Directions"

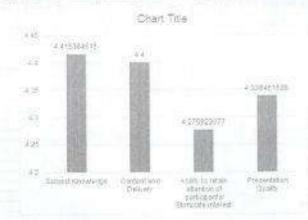
Feedback Analysis

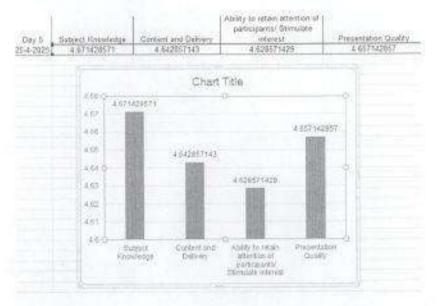






Day 4. Subject Knowledge Content and Derivery participants/ Scientific entered. Presentation Closery. Sci. 4.2025 4.47(584635 4.4 4.270(2))977 4.3364615.38











DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru - 560 111

Department of Computer Applications CERTIFICATE

This is to Certify that	Dr.Deepika Sharma	
-------------------------	-------------------	--

DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE

has successfully participated in 5 - Day Faculty Development Program on "Emerging Trends in IT Research: Innovations & Future Directions" conducted from 21st to 25th April 2025

Organizing Committee HOD - BCA

of

Organizing Committee Deputy Director

Principal