



Goa University

VIDYAAPATI PROJECT


Report on

Two-day Hands-on Workshop on “Implementing Natural Language Processing (NLP) with focus on Annotation & Machine Translation (MT)”

1. Title of the Event/Activity/program	Two-day Hands-on Workshop on “Implementing Natural Language Processing (NLP) with focus on Annotation & Machine Translation (MT)”
2. Date and Time	23rd and 24th March 2026, 9.30AM to 5.00 PM
3. Mode of conduct (Physical/Online)	Hybrid Mode Venue: Multipurpose Hall, Directorate of Art & Culture, Panaji, Goa.
4. School/ Directorate/ Section	VIDYAAPATI Project [Hindi-Konkani], Goa University
5. Collaborating Agency/School/Directorate	Directorate of Higher Education, Government of Goa
6. Details of the Resource Person	Prof. Dipti Misra Sharma, Professor, Emeritus, IIIT, Hyderabad Dr. Soma Paul, Senior Research Scientist, IIIT, Hyderabad Prof. Jyoti D. Pawar, P.I, Vidyaapati Project, Goa University Dr. Kavita Asnani, Associate Professor, Directorate of Higher Education
7. Number of Faculty and students attended	23rd March 2026 - 61 Physical mode + 45 Online mode 24th March 2026- 58 Physical mode + 45 online Mode

<p>8. The objectives of the Program/ activity/ event</p>	<p>The Broad Objectives of this workshop are as follows:</p> <p>Capacity Building: Training faculty and research scholars in specialised areas of NLP & CL with hands-on skills in working with Multiword Expressions (MWEs), Name Entity Recognition (NER), and Part of Speech tagging (PoS).</p> <p>Awareness: Promote awareness about NLP tools, datasets, and resources developed for Konkani language</p> <p>Encouraging Innovation: Motivate young researchers and students to pursue entrepreneurial and academic opportunities in NLP & CL, especially in the context of Indian language technologies.</p>
<p>9. Description of the Program/ activity/ event</p>	<ul style="list-style-type: none"> ● The workshop was organized by the Directorate of Higher Education, Government of Goa in collaboration with the Goa State Higher Education Council and Vidyaapati Project, Goa University. ● Workshop focused on <i>Natural Language Processing (NLP)</i> with emphasis on annotation and Machine Translation. It includes structured sessions comprising lectures, demonstrations, and practical exercises. Participants actively engaged in both theoretical and applied components. ● Expert sessions were delivered by Dr. Soma Paul, Prof. Dipti Misra Sharma ● The Vidyaapati Technical team also conducted KonkaniDaan tool demonstrations. ● The workshop covered key NLP areas such as MWE, NER, and POS tagging. Hands-on sessions enabled participants to work directly on annotation tools.

<p>10. Benefit/Key outcomes of the Program/activity/event</p>	<p>Participants developed practical skills in annotation techniques including NER, MWE, and POS tagging. They gained clarity on annotation guidelines and their role in NLP systems.</p> <p>The workshop provided hands-on exposure to Konkani language annotation tools (NER and MWE)</p> <p>Experts explained real-world challenges and best practices in annotation tasks.</p> <p>POS, NER and MWE issues / challenges were resolved by the experts.</p>
<p>11. Enclosures with report</p>	<p>Photos (5), Attendance of participants</p>

 27/03/2026

Prof. Jyoti D. Pawar
 Coordinator / Project Investigator, Vidyaapati Project
 Professor, Computer Science and Technology
 Goa Business School, Goa University





Sr. Prof. Purva Hegde Dessai
 Dean, Goa Business School,
 Goa University
Dean
 Goa Business School
 Goa University

Photos

Sr. No	Photo
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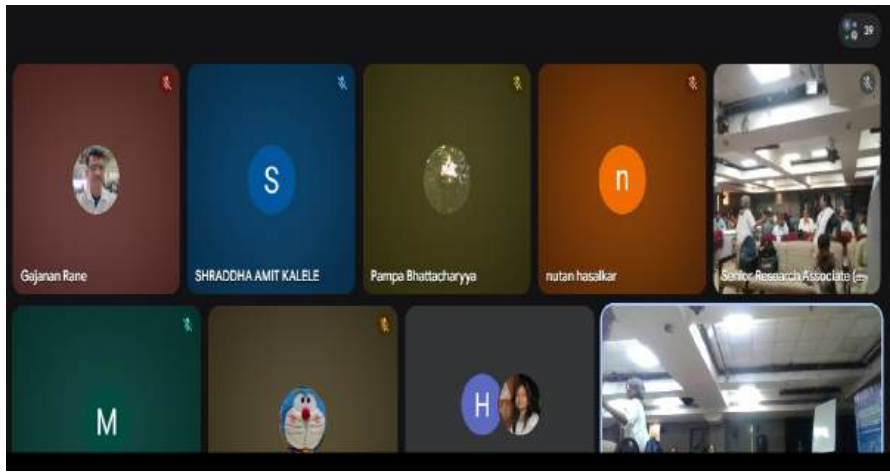
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4



5



Attendance of participants



GOA STATE HIGHER EDUCATION COUNCIL
GOVT. OF GOA
In collaboration with



Vidyaapati (Hindi-Konkani) Project Team of Computer Science
and Technology Discipline at Goa Business School, Goa University

Two-Day Hands-on Workshop
on


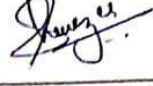

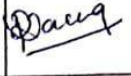
















“Implementing Natural Language Processing (NLP) with focus
on Annotation & Machine Translation”

❖ Date: 23rd March 2026

❖ Venue: Multipurpose Hall, Directorate of Art & Culture, Panaji, Goa.

ATTENDANCE

Sr. No	Name of the Faculty	Designation	Discipline	Name of the Institution/College	Signature	
					Morning	Evening
1	Palash Raikar	Assistant Professor	Computer Applications	Don Bosco College, Panjim		
2	Ashvini Chari	Assistant Prof-	Konkani	Cuncolim Education Society's College of Arts & Commerce, Cuncolim		
3	Mrs. Anju Prajal Sakhardande			DCTs Dhempe College of Arts & Science, Panaji -Goa	A	A
4	Ashika Ashok Desai	Assistant Professor	Marathi	DPM's Shree Mallikarjun and Shri Chetan Manju Desai College	A A	A
5	Shilpa N. Desai	Associate Professor	Computer Science	Fr. Agnel College of Arts & Commerce		
6	Kripali Naik			Goa University	A	A
7	Mrs Renuka Anand Pardeshi	Assistant Professor	Education	Ganpat Parsekar College of Education	A	A

	Sherica Lavinia Menezes	Assistant Professor	Computer Science and Engineering	Goa College of Engineering		
	Rishita Rajesh Vaingankar	Student (Researcher)	Engg. in Industrial Automation and Robotics	Goa College of Engineering		
10	Gopal Manjunath Prabhu	Assistant Professor	Music	Goa College of Music		
11	Gurudas Laxman Gaonkar	Asst. Professor	Vocal Music	Goa College of Music	A	A
12	Dr. Aditya Samant	Professor	Ayurveda	Gomantak Ayurveda Mahavidyalaya & Research Centre		
13	Dr. Gaurav Desai	Associate Professor	Ayurveda	Gomantak Ayurveda Mahavidyalaya & Research Centre		
14	Dr. Bishnupriya Mohanty.	Professor	Sanskrit Samhita Siddhanta	Gomantak Ayurveda Mahavidyalaya & Research Centre		
15	Mr. Deepraj Satardekar			Government College of Arts, Science and Commerce, Quepem-Goa.	A	A
16	Ms. Rekha Kolekar	Assistant Professor	Marathi	Government College of Arts, Science and Commerce, Quepem-Goa.		
17	Jofa Gonsalves	Assistant Professor of Konkani	Arts and Humanities	Government College of Arts, Science and Commerce, Quepem-Goa.		
18	Ms. Manisha Krishna Malik	Assistant Professor	Hindi	Government College of Arts, Science and Commerce, Quepem-Goa.		
19	^{Dumati} Ms. Dumati Kumbhar	Assistant Professor	Arts	Government College of Arts, Science and Commerce, Quepem-Goa.		

20	Dr. Rakhi Vishnu Amonkar	Assistant professor	IA-Konkani	Government College of Arts, Science and Commerce, Quepem-Goa.	<i>R.Amonkar</i>	<i>R.Amonkar</i>
21	Ms. Sneha Fatto Derrai	Assistant Professor	Language English	Government College of Arts, Science and Commerce, Quepem-Goa.	<i>Sneha</i>	<i>Sneha</i>
22	Sindhya Sonu Parsekar	Assistant professor	Hindi	Government College of Arts, Science and Commerce, Quepem-Goa.	<i>Sindhya</i>	<i>Sindhya</i>
23	Mr. Sushant Naik	Assistant Professor	Konkani	Government College of Arts, Science and Commerce, Sanquelim - Goa	<i>Sushant</i>	<i>Sushant</i>
24	Shraddha Shrikrishna Dhond	Assistant Professor	Arts	Government College of Arts, Science and Commerce, Sanquelim - Goa	<i>Shraddha</i>	<i>Shraddha</i>
25	Naziya Shaikh	Assistant Professor	Computer Science	Government College of Commerce & Economics Borda, Margao	<i>Naziya</i>	<i>Naziya</i>
16	Dr. Pooja Pradeep Dalvi	Assistant Professor	Computer Science	Government College of Commerce & Economics Borda, Margao	<i>Pooja</i>	<i>Pooja</i>
27	Laxmikant C Mhalagi	Assistant Professor	Humanities	GVM's College of Commerce & Economics, Farmagudi, Ponda -Goa.	<i>Laxmikant</i>	<i>Laxmikant</i>
28	Ms. Michelle D'Mello	Assistant Professor in English	Arts	MES's Vasant Joshi College of Arts & Commerce	<i>Mes</i>	<i>Mes</i>
29	Satyawan S Naik	Asst Professor	Arts	MES's Vasant Joshi College of Arts & Commerce	<i>SNaik</i>	<i>SNaik</i>
30	Dr Anuja Naik	Assistant Professor	Machine learning	Padre Conceicao College of Engineering, Verna Goa	<i>Anuja</i>	<i>Anuja</i>

31	Natasha D'Costa	Assistant Professor	Computer	Padre Conceicao College of Engineering, Verna Goa	<i>DS</i>	<i>DR</i>
32	Siddesh Savant	Assistant professor	NLP	Padre Conceicao College of Engineering, Verna Goa	<i>DS</i>	<i>DR</i>
33	Shashank V. Naik	Asst. Prof.	Konkani	P.E.S.'s Ravi S. Naik College of Arts & Science	<i>DS</i>	<i>DR</i>
34	Sneha Desai Sandeep S. Lotlikar	Assistant Associate Professor	Marathi Hindi	P.E.S.'s Ravi S. Naik College of Arts & Science	<i>Desai</i>	<i>Lotlikar</i>
35	Shivani Shrihari Verenkar			Parvatibai Chowgule College of Arts & Science	A	A
36	Mrs. Sampada Kerkar	Assistant Professor	Konkani	Sant Sohirobanath Ambiye, Govt. College & Research Centre, Virnoda, Pernem	<i>Sampada</i>	<i>Sampada</i>
37	Dr. Jayprabhu Shamrao Kamble			Sant Sohirobanath Ambiye, Govt. College & Research Centre, Virnoda, Pernem	A	A
38	Myron Pereira	Assistant professor in commerce	Commerce	Sant Sohirobanath Ambiye, Govt. College & Research Centre, Virnoda, Pernem	<i>MP</i>	<i>MP</i>
39	Dr. Sudhanshu Shende	Asst Professor	Physiotherapy	Goa College of Physiotherapy	<i>SS</i>	<i>SS</i>
40	Sumedha Sheldekar	Research Associate	Vidyapati Project	Goa University	<i>SS</i>	<i>SS</i>
41	Kapila Desai	Senior Research Associate	Vidyapati Project	Goa University	<i>KDesai</i>	<i>KDesai</i>

42	Manojkar Sanjana	Research Scholar	Goa Business School	Goa University	<u>Manojkar</u>	<u>Manojkar</u>
43	Dr. Pradnya Bhagat	Asst. Prof.	Comp. Sci & Tech	Goa Business School	<u>Bhagat</u>	<u>Bhagat</u>
44	Tejal D. Mahale	Baka Staff		Goa University	<u>Bakar</u>	<u>Bakar</u>
45	Divya D. Gorekar	Vidhyapati Staff		Goa University	<u>Gorekar</u>	<u>Gorekar</u>
46	Diksha Paqui	Vidhyapati Staff		Goa University	<u>Paqui</u>	<u>Paqui</u>
47	Vaibhav Gaware	Vidhyapati Staff		Goa University	<u>Gaware</u>	<u>Gaware</u>
48	Dr. Sidhanant Kulkarni	Asst. Prof.	F.M.T	Goa College of Naturopathy & Yogic Science	<u>Kulkarni</u>	<u>Kulkarni</u>
49	Vinaya Haldankar	Faculty Vidhyapati		Goa University	<u>Haldankar</u>	<u>Haldankar</u>
50	Dekshita Arskar	Asst. Professor	C.S.	Parvatibai Chougule College Margao	<u>Arskar</u>	<u>Arskar</u>
51	Keenan Costa	Asst. Professor	BCA	Don Bosco College Panaji		
52	Ms. Shreedha Gaware	Asst. Prof.	Marathi	Parvatibai Chougule College Margao	<u>Gaware</u>	<u>Gaware</u>
53	Michelle Demelo	Student	M.E.C.A.T	Goa University	<u>Demelo</u>	<u>Demelo</u>
54	Radhika Babrokar	Student	M.E.C.A.T	Goa University	<u>Babrokar</u>	<u>Babrokar</u>

55	Tanaya Chavle	Student	M.E.-II	Goa University	Tanaya	Tanaya
56	Dr. Ralkha Kalambkar	Asst. Prof.	Agriculture	Goa College of Agriculture	Ralkha 23/03/2020	Ralkha 23/03/2020
57	Ms. Poornam Navalkar	Research Scholar	Comp. Science	Goa University	Poornam	Poornam
58	Akhil Sawant	Vidyaapati Staff	Machine Transl.	Goa University	Akhil	Akhil
59	Rev. Lagae Palicanda	Colleg Divg P.E. & Sport	P.E	Goa College of Agriculture	Lagae	Lagae
60	Chitambarakha Sawant	Vidyaapati		Goa University	Sawant 23/03/2020	Sawant
61	Hanumanant P. Redkar	Goa CS Faculty	Comp Sc	Goa University	Redkar 23/03/2020	Redkar 23/03/2020
62	Dr. Ralkha Kalambkar	Asst. Prof.				
63	Pratiksha Parab	Junior Research Associate	Vidyaapati Project	Goa University	Pratiksha	Pratiksha
64	Dr. Trishna Torcato	Asst. Prof.	SKHMCH Community Medicine	SKHMCH	Torcato	Torcato
65	Vaibhavi Karlekar		Vidyaapati	Goa University	Karlekar	Karlekar
66	Surayna Gavale	Asst. Prof.	DCST	GPS, Goa University	Gavale	Gavale
67	Shrutiaksha Parab	Ass. Prof.	DCST	GPS, Goa University	Parab	Parab
68	Ramdas Karmali	Asst. Prof.	DCST	GPS, Goa University	Karmali	Karmali
69	KEGIAN COSA	ASSISTANT PROFESSOR	B.C.A.	DON BOSCO, PANJIM	Kegian	Kegian



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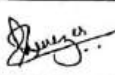
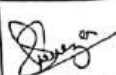












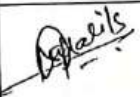



"Implementing Natural Language Processing (NLP) with focus
on Annotation & Machine Translation"

◆ Date: 24th March 2026

◆ Venue: Multipurpose Hall, Directorate of Art & Culture, Panaji, Goa.

ATTENDANCE

Sr. No	Name of the Faculty	Designation	Discipline	Name of the Institution/College	Signature	
					Morning	Evening
1	Palash Raikar	Assistant Professor	Computer Applications	Don Bosco College, Panjim		
2	Ashvini Chari	Asst. Prof	Konkani	Cuncolim Education Society's College of Arts & Commerce, Cuncolim		
3	Mrs. Anju Prajal Sakhardande			DCT's Dhempe College of Arts & Science, Panaji -Goa	A	A
4	Ashika Ashok Desai	Assistant Professor	Marathi	DPM's Shree Mallikarjun and Shri Chetan Manju Desai College	A	A
5	Shilpa N. Desai	Associate Professor	Computer Science	Fr. Agnel College of Arts & Commerce		
6	Kripali Naik			Goa University	A	A
7	Mrs Renuka Anand Pardeshi	Assistant Professor	Education	Ganpat Parsekar College of Education	A	A

8	Sherica Lavinia Menezes	Assistant Professor	Computer Science and Engineering	Goa College of Engineering		
9	Rishita Rajesh Vaingankar	Student (Researcher)	Engg. in Industrial Automation and Robotics	Goa College of Engineering		
10	Gopal Manjunath Prabhu	Assistant Professor	Music	Goa College of Music		
11	Gurudas Laxman Gaonkar	Asst. Professor	Vocal Music	Goa College of Music	A	A
12	Dr. Aditya Samant	Professor	Ayurveda	Gomantak Ayurveda Mahavidyalaya & Research Centre		
13	Dr. Gaurav Desai	Associate Professor	Ayurveda	Gomantak Ayurveda Mahavidyalaya & Research Centre		
14	Dr. Bishnupriya Mohanty.	Professor	Sanskrit Samhita Siddhanta	Gomantak Ayurveda Mahavidyalaya & Research Centre	D	D
15	Mr. Deepraj Satardekar			Government College of Arts, Science and Commerce, Quepem-Goa.	A	A
16	Ms. Rekha Kolekar	Assistant Professor	Marathi	Government College of Arts, Science and Commerce, Quepem-Goa.		
17	Jofa Gonsalves	Assistant Professor of Konkani	Arts and Humanities	Government College of Arts, Science and Commerce, Quepem-Goa.		
18	Ms. Manisha Krishna Malik	Assistant Professor	Hindi	Government College of Arts, Science and Commerce, Quepem-Goa.		
19	^{Dumati} Ms. Dumati Kumbhar	Assistant Professor	Arts	Government College of Arts, Science and Commerce, Quepem-Goa.		

20	Dr. Rakhi Vishnu Amonkar	Assistant Professor	BA Konkani	Government College of Arts, Science and Commerce, Quepem-Goa.	R.Amonkar	R.Amonkar
21	Ms. Sneha Fotto Dessai	Assistant Professor	Languages	Government College of Arts, Science and Commerce, Quepem-Goa.	Sneha	Sneha
22	Sindhiya Sonu Parsekar	Assistant Professor	Hindi	Government College of Arts, Science and Commerce, Quepem-Goa.	Parsekar	Parsekar
23	Mr. Sushant Naik	Assistant Professor	Konkani	Government College of Arts, Science and Commerce, Sanquelim - Goa	Sushant	Sushant
24	Shradha Shrikrishna Dhond	Assistant Professor	Arts	Government College of Arts, Science and Commerce, Sanquelim - Goa	Dhond	Dhond
25	Naziya Shaikh	Assistant Professor	Computer Science	Government College of Commerce & Economics Borda, Margao	Naziya	Naziya
26	Dr. Pooja Pradeep Dalvi	Assistant Professor	Computer Science	Government College of Commerce & Economics Borda, Margao	Pooja	Pooja
27	Laxmikant C Mhalagi	Assistant Professor	Humanities	GVM's College of Commerce & Economics, Farmagudi, Ponda -Goa.	Mhalagi	Mhalagi
28	Ms. Michelle D'Mello	Assistant Professor in English	Arts	MES's Vasant Joshi College of Arts & Commerce	Mello	Mello
29	Satyawan S Naik	Asst Professor	Arts	MES's Vasant Joshi College of Arts & Commerce	Naik	Naik
30	Dr Anuja Naik	Assistant Professor	Machine learning	Padre Conceicao College of Engineering, Verna Goa	Anuja	Anuja

31	Natasha D'Costa	Assistant Professor	Computer	Padre Conceicao College of Engineering, Verna Goa	D'Costa	D'Costa
32	Siddesh Savant	Assistant professor	NLP	Padre Conceicao College of Engineering, Verna Goa	Savant	Savant
33	Shashank V. Naik	Asst. Prof.	Monkani	P.E.S.'s Ravi S. Naik College of Arts & Science	Naik	Naik
34	Sneha Desai Sandeep S. Lotlikar	Assistant Associate Professor	Marathi Hindi	P.E.S.'s Ravi S. Naik College of Arts & Science	Desai	Desai
35	Shivani Shrihari Verenkar			Parvatibai Chowgule College of Arts & Science	A	A
36	Mrs. Sampada Kerkar	Asst. Prof.	Konkani	Sant Sohirobanath Ambiye, Govt. College & Research Centre, Virmoda, Pernem	Sampada	Sampada
37	Dr. Jayprabhu Shamrao Kamble			Sant Sohirobanath Ambiye, Govt. College & Research Centre, Virmoda, Pernem	A	A
38	Myron Pereira	Assistant professor in commerce	Commerce	Sant Sohirobanath Ambiye, Govt. College & Research Centre, Virmoda, Pernem	Pereira	Pereira
39	Dr. Sudharshan Shende	Asst. Prof.	Physiotherapy	Goa College of Physiotherapy	Shende	Shende
40	Sumedha Sheldekar	Research Associate	Vidyapati Project	Goa University	Sheldekar	Sheldekar
41	Kapila Desai	Senior Research Associate	Vidyapati Project	Goa University	Desai	Desai
42	Sanjana Manojkar	Research Scholar	Goa Bus School	Goa University	Manojkar	Manojkar

43	Dr. Pradnya Bhagat	Asst. Prof	Comp Sci & Tech	Goa Business School	Bhagat	Bhagat
44	Tejal D. Mahale	Vidyapati Staff		Goa University	Bakar	Bakar
45	Dirya D. Gorekar	Vidyapati Staff		Goa University	Gorekar	Gorekar
46	Deena Paqui	Vidyapati Staff		Goa University	Paqui	
47	Vaibhav Gaus	Vidyapati Staff		Goa University	Gaus	Gaus
48	Dr. Pradharand Kulkarni	Asst Prof	P. MT	Goa College of Naturopathy & Yoga Science	Kulkarni	
49	Vinaya Haldankar	Faculty Vidyapati		Goa University	Haldankar	Haldankar
50	Dikshita Asekar	Asst Prof	C.S	Parvatibai Chougale College Margao	Asekar	Asekar
51	Keenan Costa	Asst Prof	BCA	Don Bosco College Panaji	Costa	Costa
52	Ms. Sharda Gward	Asst Prof	Karathi	Parvatibai Chougale College	Gward	Gward
53	Michelle Ramebo	Student	Msc AI	Goa University	A	A
54	Radhika Dabholkar	Student	Msc AI	Goa University	A	A
55	Tanaya Chari	Student	Msc AI	Goa University	A	A

56	Dr. Rachna Kolambkar	Asst Prof	Agriculture	Goa College of Agriculture		
57	Ms. Poornima Navelkar	Research Scholar	Comp. Science	Goa University		
58	Akhil Sawant	Vidhyapati Staff	Machine Trans.	Goa University		
59	Dr. Sagar Palconda	College Dir of PE & Sports	P.E	Goa College of Agriculture		
60	Chitrasekha Sawant	Vidhyapati		Goa University		
61	Hanumanth H. Redkar	Asst. Prof.	Comp. Sci.	Goa University		
62	Vaibhavi Kavlekar	Vidhyapati		Goa University		
63	Dr. Teisha Torcato	Asst Prof.	Community Medcin	SKSHEMST, Shirada, Goa.		
64	Surayya Gaude	Asst. Prof.	DCST	GBS, Goa University		
65	Shaikeshra Parab	Asst. Prof.	DCST	GBS, Goa University.		
66	Reatika Parab	Junior Research Associate	Vidhyapati Project	Goa University		
67	Ramdas Karmali	Asst Prop	DCST	GBS, Goa University		
68	Dr. Rama Muskunde	Asst Prof.	Konkani	SCSLL Goa University.		
69	Kshama Dhaswadkar	Asst. Prof	French	SCSLL, Goa University		
70	Jyoti D. Karmali	Prof. P.T, Vidhyapati	CST	GBS, Goa University		