

भारतीय भाषा उत्सव का शुभारंभ

Launch of Bharatiya Bhasha Utsav

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भारतीय भाषा प्रौद्योगिकी समागम

Technology & Bharatiya Bhasha Summit

30th September & 1st October, 2023

Venue: Dr. Ambedkar International Centre, Janpath, New Delhi

Organised by

Central Institute of Indian Languages (CIIL), Mysuru

in association with

University Grants Commission (UGC)

All India Council for Technical Education (AICTE)

National Educational Technology Forum (NETF)

National Council of Educational Research and Training (NCERT)

National Council for Vocational Education and Training (NCVET)

National Council for Teacher Education (NCTE)

Bharatiya Bhasha Samiti (Ministry of Education, Govt. of India)

DAY-1

30th September 2023

DAY-1 30 th September 2023	
10:00 AM – 10:30 AM	Registration
10.30 AM – 10.45 AM	Visit to Tech Tool Stalls and Display Area
Time	Inaugural Session 10:45 AM – 01:00 PM
11:00 AM – 11:10 AM	Welcome of Chief Guest and other Guests <i>Guest Introduction:</i> Representative from School Education <i>Presentation of Bouquets:</i> various officials Lighting of Lamp: Chief Guest and other Dignitaries
11:10 AM – 11:35 AM	Introductory Note: Shri Sanjay Murthy, HE Secretary, Ministry of Education Shri Sanjay Kumar, SE Secretary, Ministry of Education Shri Atul Kumar Tiwari, MSDE Secretary Prof. T. G. Sitharam, Chairman AICTE
11:35 AM – 12:20 PM	Launch of Bharatiya Bhasha Utsav and Inauguration of Technology & Bharatiya Bhasha Summit Address by the Chief Guest Shri Dharmendra Pradhan Hon'ble Minister of Education, Skill Development and Entrepreneurship Govt. of India
12:20 PM – 12:25 PM	Vote of Thanks- Representative from School Education

12:30 PM – 1:00 PM **Keynote address by Shri Sridhar Vembu, Founder and CEO, Zoho Corporation**

01:00 PM – 02:15 PM **Lunch Break**

DAY-1: Technical Session –I
Technology FOR Bharatiya Languages (School, Higher Education and Skill)
 02:15 PM – 3:15 PM

<i>Time</i>	<i>Type and Topic of the session</i>	<i>Speakers/Experts/Presenters</i>
02:15 PM – 3:15 PM	<p>Panel Discussion will cover crucial topics like:</p> <p>Leverage Technology for Bharatiya Languages:</p> <ul style="list-style-type: none"> a) Role of Technology in teaching learning process of Bharatiya languages and in Bharatiya languages as medium of instruction b) Technology for Testing language proficiency, Assessment and Evaluation of Learning Outcomes c) Training of Bharatiya language teachers d) Seamless transition from traditional to digital classrooms (Hybrid classrooms). e) Role of technology in promoting Bharatiya languages centric ecosystem – Roadmap (5-year plan) 	<p>Experts from: Technology experts working in the domains of school education, higher education, skill education and industry.</p>

03:15 PM – 03:45 PM **Tea Break**

DAY-1: Technical Session –II
Technology FOR Bharatiya Languages (School, Higher Education and Skill)
 3:45 PM – 5:00 PM

<i>Time</i>	<i>Type and Topic of the session</i>	<i>Speakers/Experts/Presenters</i>
3:45 PM to 5:00 PM	<p>Technology & Bharatiya languages</p> <ul style="list-style-type: none"> a) Translating Between Bharatiya Languages b) Role of Machine Learning in Enhancing Translation Accuracy c) Chatbots and Virtual Assistants in Regional Languages d) Language Modelling for Speech Recognition e) Unicode Standardization for Bharatiya Bhasha scripts f) Action plan for next 5 years – Future action plan on How, Who, What , target audience 	<p>Experts from: Technology experts working in the domains of school education, higher education, skill education and industry.</p>

5:00 PM to 5:30 PM	Ministry of Education - AICTE Anuvadini AI language Tool Demonstration	Dr. Buddha Chandrasekhar
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DAY-2: Technical Session –III
Technology IN Bharatiya Languages (School, Higher Education and Skill)
10:00 AM – 11:15 AM

<i>Time</i>	<i>Type and Topic of the session</i>	<i>Speakers/Experts/Presenters</i>
10:00 AM – 11:15 AM	<p>Panel Discussion will cover crucial topics like</p> <ol style="list-style-type: none"> 1) Operating Systems and Software Localization: <ol style="list-style-type: none"> a) Adaptation of major OS (like Android, iOS, Windows) for Bharatiya languages. b) Software UI/UX localization for regional audiences. 2) Search Engine Localization: <ol style="list-style-type: none"> a) Bharatiya language search algorithms. b) Challenges in semantic understanding of regional languages. 3) Digital Content Platforms: <ol style="list-style-type: none"> a) E-learning platforms in Bharatiya languages. b) Online tutorials and courses imparted in regional languages. c) Government initiatives for promoting digital literacy in vernacular languages. d) OTT platforms offering regional content. e) eBook platforms and regional language support. f) News websites and apps in regional languages. 4) Employment opportunities for students studying in Bharatiya languages medium Action plan for next 5 years – Future action plan on How, Who, What , target audience 	<p>Experts from: Technology experts working in the domains of school education, higher education, skill education and industry.</p>

11:15 AM – 11:45 AM **Tea Break**

DAY-2: Technical Session –IV
Technology IN Bharatiya Languages (School, Higher Education and Skill)
11:45 AM – 01:00 PM

<i>Type and Topic of the session</i>	<i>Speakers/Experts/Presenters</i>
<p>Panel Discussion will cover crucial topics like</p> <ol style="list-style-type: none"> 1. Role of Institutes under MoE, Skilling, Industries, Startup-eco system, various department under GOI, NGOs and State governments. 2. Generative AI in Bharatiya languages 3. Development of Indic keyboards. 4. Handwriting recognition for Bharatiya scripts. 5. Voice-to-text conversion for Bharatiya languages. 6. Gesture-based inputs and language translation. 	<p>Experts from: Technology experts working in the domains of school education, higher education, skill education and industry.</p>

ction plan for next 5 years – Future action plan on How, Who, What , target audience	
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01:00 PM – 02:15 PM *Lunch Break*

DAY-2: Technical Session –V
Technology THROUGH Bharatiya Languages (School, Higher Education and Skill)
02:15 AM – 03:30 PM

<i>Time</i>	<i>Type and Topic of the session</i>	<i>Speakers/Experts/Presenters</i>
2:15 PM – 3:30 PM	<p>1) Skilling through Bharatiya Languages</p> <ul style="list-style-type: none"> a) Language-based Curriculum Development b) Digital Platforms for Skill Development through Bharatiya Languages c) Vocational Training through Bharatiya Languages d) Assessments and tests conducted through regional languages e) Peer-to-peer skill-sharing platforms through Bharatiya languages. f) Collaborative learning initiatives through local communities. <p>2) Leveraging technology, like AR, VR/MVR, for immersive learning through Bharatiya languages.</p> <p>3.Localized User Experiences:</p> <ul style="list-style-type: none"> a) Interface design principles through Bharatiya languages. b) Usability testing and feedback collection through Bharatiya languages. c) Case studies of successful Bharatiya language applications. <p>4.Artificial Intelligence and Data Analytics, sentiment analysis through Bharatiya digital footprints:</p> <ul style="list-style-type: none"> d) Training AI models through Bharatiya language datasets. e) Analysing user behaviour and preferences through regional digital footprints. <p>Action plan for next 5 years – Future action plan on How, Who, What , target audience</p>	<p>Experts from: Technology experts working in the domains of school education, higher education, skill education and industry.</p>

03:30 PM- 4:00 PM *Tea Break*

DAY-2: Valedictory Session

1st October 2023

04:00 PM – 05:10 PM

04:00 PM – 04:05 PM	Welcome of Chief Guest and other dignitaries
04:05 AM – 04:25 PM	Report presentation: Prof. Anil Sahasrabudhe, Chairman, NETF
04:25 PM – 04:35 PM	Wrap-up Note: Prof. V. Kamakoti, Director, IIT, Madras
04:35 PM – 05:05 PM	Valedictory Address Shri Rajeev Chandrasekhar Hon'ble Minister of State, Ministry of Electronics and Information Technology (MeitY), and MSDE Govt. of India
05:05 PM – 05:10 PM	Vote of Thanks: Prof. Shailendra Mohan, Director, CIIL <i>National Anthem</i>