

1. Seminar Proposal and SERB Sanction Order

1.1 Seminar Proposal

The seminar was focusing on the theme “Future World Advancements in Artificial Intelligence and Data Science” to enhance and explore the latest trends and future aspects of current technology on artificial intelligence. Among the IT professionals, engineers, scientists, researchers, and innovators along with the industrial community to establish corporations and exchanging ideas for a better understanding of artificial intelligence and its future aspects. The seminar aimed at attracting the interest of attendees to exchange, share and discuss advances and developments in artificial intelligence research and applications. The seminar focused to expand coverage in the field of artificial intelligence, machine learning, deep learning, Iot, BigData, and cloud computing.

1.1.1 Objectives of the seminar were to:

- i. Discuss emerging issues in Artificial Intelligence, Internet of Things, Cloud Computing and Data Science
- ii. Discuss and apply recent research findings related to Artificial Intelligence and allied areas
- iii. Disseminate the diverse voices of breakthrough innovators with visionary and practical solutions.

1.1.2 Topics Covered:

1. Data science	6. Reinforcement learning
2. Big data	7. Natural language processing
3. Machine learning	8. Computer vision
4. Robotics	9. Recommender systems
5. Deep learning	10. Internet of things

1.1.3 Targeted Participants

This is the opportunity to reach the largest assemblage of participants from the AI community. The most recent techniques, renowned speakers, tactics and the newest updates in artificial intelligence field are hallmarks of this seminar. It is gathering the young and innovative minds, practitioners, experts to motivate and provide a new way to motivate and achieve.

1.1.4 List of Key Note Speakers / Resource Persons

Sl. No.	Name & Designation	Research /Expertise Area	Affiliated Department and Institute (with full address)	Email Id (Official)	Contact No (Office & Mobile)
1.	Dr. Manjesh K. Hanwal	Cyber Security	Associate Professor, IIT, Bombay	mhanawal@iitb.ac.in	7738932269
2.	Dr. Sameer Kulakarni	Cloud Computing	Assistant Professor, Dept of CSE, IIT, Gandhinagar	sameergk@iitgn.ac.in	7625065828
3.	Dr. Bharathi M. A.	Intelligent Networks	Professor, Dept. of AI & ML, BMSIT, Bangalore	bmalakareddy@gmail.com	9448347885
4.	Dr. D. S. Guru	Image Processing	Professor of Computer Science, University of Mysore, Mysore	dsg@compsci.uni-mysore.ac.in	0821-2419551
5.	Dr. Veerappa B. Paagi	Image Processing	Professor and Head, Dept. of CSE, BEC, Bagalkot	vbpcs@becbgk.edu	9342647100
6.	Dr. BhawanaRudra	IoT, Blockchain	Assistant Professor, Dept. of IT, NITK, Surathkal	bhawanarudra@nitk.edu.in	9502742465
7.	Dr. Mamatha T.	IoT	Professor, Dept. of CSE, Atria Institute of Technology, Bengaluru – 560 024	mamatha.t@atria.edu	8197888857
8.	Dr. Mahananda B S	AI and ML	Sri Jayachamarajendra College of Engineering, Mysuru	bsmahanand@sjce.ac.in	9448335403
9.	T. Senthil Kumar	AI in Health Informatics	Dept. of CSE, Amrita School of Engineering, Coimbatore - 641112	t_senthilkumar@cb.Amrita.edu	9842977522
10.	Dr. Shashidhar G. Koolagudi	Speech Processing and NLP	Associate Professor, Dept of CSE, NITK, Surathkal	koolagudi@nitk.edu.in	9986332545

1.1.5 Sessions Planned

	Date	Session 1 (9.30 AM – 11.00 AM)	Session 2 (11.15 AM – 12.45 PM)		Session 3 (1.30 P.M. – 3.00 P.M.)	Session 4 (3.00 P.M. – 4.30 P.M.)
Day – 1	24-03-2022 Thursday	Inaugural Session	Opportunities and Challenges in AI-Enabled Vision Applications By Dr. D. S. Guru University of Mysore, Mysore	Session Break (12.45 PM – 1.30 PM)	AI for Social Good By Dr. Mahananda B S SJCE, Mysore	AI in Cloud Computing By Dr. Sameer Kulkarni Assistant Professor, Dept of CSE, IIT, Gandhinagar, Gujarat
Day – 2	25-03-2022 Friday	Role of Blockchain in IoT By Dr. Bhawana Rudra NITK, Surathkal	Intelligent Networks By Dr. Bharathi M. A. BMSIT, Bangalore		AI in Intelligent Agriculture By Dr. Veerappa B. Paagi BEC, Bagalkot	Research Avenues in Speech Processing By Dr. Shashidhar G. Koolagudi NITK, Surathkal
Day – 3	26-03-2022 Saturday	AI in Health Informatics By T. Senthil Kumar	Research Avenues in AI and IoT By Dr. Mamatha T. Atria Institute of Technology, Bengaluru		AI in Cyber Security By Dr. Manjesh K. Hanwal IIT, Bombay	Valedictory Session

1.2 SERB Sanction Order

FILE NO. SSY/2022/000038

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 22 March, 2022

ORDER

Subject: Financial assistance for the organizing National Seminar on "Research Avenues in Artificial Intelligence and Allied Areas" by Dr. NAVEEN N M, ATME College Of Engineering , Bannur Rd, Mysore District, Karnataka-570028 being held from 24-Mar-2022 to 26-Mar-2022 (3 days).

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 80000/- (Rs. Eighty Thousand Only)** to ATME College Of Engineering , Bannur Rd, Mysore District, Karnataka-570028 during the financial year 2021-2022 to meet the expenses related to TA/DA to Young and Senior Indian Scientists, Pre-conference printing in connection with the above event.

2. The amount of **Rs. 80000/- (Rs. Eighty Thousand Only)** will be drawn by Under Secretary, SERB and disbursed by the means of Cheque or Electronic Fund Transfer (NEFT/RTGS) as beneficiary's Bank Details given below.

PFMS Unique Code	KAMY00005907
Account Name	PRINCIPAL, ATME COLLEGE OF ENGINEERING
Account Number	0518101054379
Bank Name & Branch	CANARA BANK MID CORPORATE BRANCH, J C ROAD, VIJAYANAGAR, MUSURU
IFSC/RTGS Code	CNRB0004966
Email id of A/C Holder	Principal@atme.edu.in
Email id of PI	Dr.NAVEENNM_CS@atme.edu.in

to **PRINCIPAL, ATME College Of Engineering, Bannur Rd**

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Seminar/Symposia. (Internal Committee). General

4. The Sanction has been issued with the approval of competent authority under delegated powers and vide sanction number to ATME College Of Engineering, Bannur Rd with the approval of the competent authority under delegated powers on **17 March, 2022** and vide Diary No. **SERB/F/10538/2021-2022** dated **19 March, 2022**

5. As per Rule 211(1) of GFRs, the accounts of the Grantee Institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so.

6. It is **mandatory** that the grantee institution is required to submit to this office, audited Statement of Income-Expenditure, Utilization Certificate (in duplicate as per prescribed format) and brief report of above event (max. 04 pages) within three months after the date of completion. .

7. The balance amount, if any, may be returned through DD in favor of "Fund for Science & Engineering Research" payable at New Delhi.

8. The Organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Science and Engineering Research Board, a statutory body of the Department of Science and Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

9. In addition, the investigator / host Institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science and

Engineering Research Board, a statutory body of the Department of Science and Technology (DST), Government of India.

10. The logo of SERB is to be displayed on all Conferences / Seminars / Symposium material being used for the event.

Sukumar Dey
22/03/2022
(Dr. Sukumar Dey)

Scientist C
seminar.symposia@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. NAVEEN N M Computer Science and Engineering ATME College of Engineering, Bannur rd, Mysore district, Karnataka-570028 Email: Dr.NAVEENNM_CS@atme.edu.in Mobile: 919538730153 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	PRINCIPAL, ATME College Of Engineering, Bannur Rd (Receipt of Grant may be intimated by name to the undersigned)

Sukumar Dey
22/03/2022
(Dr. Sukumar Dey)

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2. Event Report

Department of Computer Science and Engineering, ATME College of Engineering organized a 3-Day National Level Seminar on “**Research Avenues in Artificial Intelligence and Allied Areas**” in association with **Science and Engineering Research Board (SERB), New Delhia statutory body of the Department of Science and Technology (DST), Government of India**, from 24th - 26th March, 2022. **The department has received a partial grant of Rs. 80000/- from SERB, New Delhi.** This program aimed to provide opportunities to acquire research skills in the domain of AI and its allied areas such as Machine Learning, Natural Language Processing, IoT, Cloud Computing, and Cyber Security. Registration for the seminar was open to engineering students, research scholars, academicians, and industry people. In total, 61 registrations were received for the event. This included 25 faculty members, 16 research scholars, 04 industry people, 06 UG and 10 PG students. All participants received a welcome kit that included a button file, a note book, and a pen.

The 3-day Seminar event comprised of 10 plenary sessions and we invited 10 distinguished academicians from premier institutes and universities to share their views and research experiences in AI. Each speaker was given one and half-hours time to present, followed by 5 to 10 minutes to address questionnaires. The event was conducted in both online and offline modes together. Every session was recorded and is available on the virtual event platform - for free - for anyone to access on the link: <https://drive.google.com/folderview?id=1eyLL3j-HpeziwQ8T-fwVOgMe9pX7o2Uo>

The participant feedback was collected and the excel sheet containing the feedback is available on the link:

https://docs.google.com/spreadsheets/d/1ha-ChM5PG6ktAJTLumTu_VonQ4HfvYeyIP_FSyJA_eE/edit?usp=sharing

2.1 Inaugural Session

On Thursday, March 24, 2022, at 9:30 a.m., an inaugural ceremony for the seminar programme was held. Mr. Prashant N. Chadrashekar, Principal Architect from Syncopate, USA, was the chief guest at the occasion, which was presided over by our Honorable Principal, Dr. L. Basavaraj. The program was followed by enlightening the participants with the purpose and importance of the seminar. The chief guest graced us with his valuable words. His inaugural address shed light on the international opportunities available for young research scholars and PG students. The program marked its conclusion by 11:00 a.m.



Inaugural ceremony on Thursday, March 24, 2022, at 9:30 a.m.: Mr. Prashant N. Chadrashekar, Principal Architect from Syncopate, USA, was the chief guest at the occasion, which was presided over by our honorable principal Dr. L. Basavaraj.



Day 1: 24th March, 2022

The first session was engaged by **Dr. D. S. Guru**, Professor, University of Mysore. He highlighted on the challenges in object recognition and classification using machine vision techniques and emphasis was given on the importance of feature engineering in the object classification.

The second session was engaged by **Dr. B. S. Mahanand**, Professor, SJCE, Mysore. He spoke on the history, basics, and principals of artificial intelligence. Also, he discussed on the concept of Good AI and Bad AI techniques from the implementation perspective.

The third session was engaged by **Dr. Sameer Kulkarni**, Assistant Professor, Indian Institute of Technology, Ahmadabad, Gujarat. He explained the role of AI in cloud computing. He also discussed the pros and cons of AI cloud.

Day 2: 25th March, 2022

First session was engaged by **Dr. Bhawana Rudra**, Assistant Professor, Dept. of Information Science, National Institute of Technology, Karnataka, Suratkal. She highlighted on the combined values of Blockchain and AI in the financial, supply chain management and health sectors.

The second session was engaged by **Dr. Bharathi Malakareddi**, Professor and Head, BMSIT, Bangalore. She discussed about technical aspects related to traditional and future networking, evolution of intelligent networks and concepts related to 5g network.

The third session was chaired by **Dr. Shashidhar Koolagudi**, Associate Professor, National Institute of Technology, Karnataka, Suratkal. He talked about research avenues in speech processing and some of the existing applications of sound signal processing and classification.

The fourth session was engaged by **Dr. Veerappa Pagi**, Professor and Head, Dept. of Computer Science and Engineering, BEC, Bagalkot. He discussed the real-world applications of AI in agriculture domain.

Day 3: 26th March, 2022

First session was engaged by **Dr. T. Sentilkumar**, Associate Professor, Amrita School of Engineering, Coimbatore. He discussed about deep learning applications in the field of health informatics.

Second Session was chaired by **Dr. Mamatha T.**, Professor, Atria Institute of Technology, Bangalore. She talked about the research avenues in IoT integrated with AI.

Third session was engaged by **Dr. Manjesh Hanwal**, Associate Professor, Indian Institute of Technology, Bombay. He talked about cyber-attacks, types of cyber-attacks, the solutions derived using the AI tools and techniques.

2.2 List of Topics Covered by Resource Persons

1. *Opportunities and Challenges in AI-Enabled Vision Applications* By Dr. D. S. Guru, University of Mysore, Mysore
2. *AI for Social Good* By Dr. Mahananda B. S., SJCE, Mysore
3. *AI in Cloud Computing* By Dr. Sameer Kulkarni, Assistant Professor, Dept. of CSE, IIT, Gandhinagar, Gujarat
4. *Role of Blockchain in IoT* By Dr. Bhawana Rudra, NITK, Surathkal
5. *Intelligent Networks* By Dr. Bharathi M. A. BMSIT, Bangalore
6. *AI in Intelligent Agriculture* By Dr. Veerappa B. Paagi, BEC, Bagalkot
7. *Research Avenues in Speech Processing* By Dr. Shashidhar G. Koolagudi, NITK, Surathkal
8. *AI in Health Informatics* By Dr. T. Senthil Kumar, Amrita School of Engineering, Koimbatour.
9. *Research Avenues in AI and IoT* By Dr. Mamatha T., Atria Institute of Technology, Bengaluru
10. *AI in Cyber Security* By Dr. Manjesh K. Hanwal, IIT, Bombay

2.3 Outcomes of the seminar

Artificial Intelligence and its allied fields were introduced to the participants. Faculty members, research experts, and students who attended this seminar learned how to use Artificial Intelligence, Machine Learning, Data Science, Deep Learning Artificial Neural Networks, Image Processing, Cyber Security, and Cloud Computing to design and develop intelligent expert systems. They also learned how to define a new problem, create, model, analyze, evaluate, and report a solution as a dissertation in the field of AI and ML.

2.4 Valedictory Session

On Friday, March 26, 2022, at 3:15 p.m., valedictory function for the seminar programme was held. **Mr. Hemanth Kumar**, Data Scientist, Brillio was the chief guest at the occasion, which was

presided over by our honorable principal **Dr. L. Basavaraj**. The chief guest talked on “Demystifying AI/Data Science”. He highlighted on the growth and opportunities in the field Data Science. Followed by his talk, certificates were distributed to participants. Feedback on the event was collected from the participants.



Valedictory function on Saturday, March 26, 2022, at 3:30 p.m.: **Mr.Hemanth Kumar**, Data Scientist, Brillio was the chief guest at the occasion, which was presided over by our honorable principal **Dr. L. Basavaraj**.



3. About Resource Persons

1. Dr. D. S. Guru



Dr. D S Guru is currently a Professor of Computer Science at University of Mysore. He graduated from University of Mysore holding Rank positions both at Bachelor's and Master's levels. After obtaining Ph.D. from University of Mysore, he was at PRIP Lab, Michigan State University for his postdoctoral work. He was with NymoPvt Ltd as senior research scientist working towards productization of computer vision solutions.

He is a recipient of BOYSCAST fellowship from DST, Gout of India, ARP award from VGST, Gout of Karnataka, India, and he is identified as a best ethical teacher at higher education by Rotary North Mysore. He chaired sessions and delivered lectures at many international conferences and workshops in India and also outside India including USA, China, Russia. He is a life member of several academic cum professional bodies. He serves as an Associate Editor for journal of Pattern Recognition and as a reviewer for many international journals. He edited 5 books and authored 3 text books. He has published 80+ research papers in reputed journals and more than 300 papers in proceedings of reputed conferences. His areas of research interest include image processing, pattern recognition, symbolic data analysis and data indexing. He is also an educationist being a founder trustee of Maharaja Education Trust in Mysore which established schools, colleges including colleges for engineering education.

2. Dr. B. S. Mahanand



He holds a Ph.D. degree from Visvesvaraya Technological University, Belagavi and currently working as an Associate Professor in Dept. of CSE, Sri Jayachamarajendra College of Engineering, Mysuru. He was a Principal Investigator for the Development of efficient tool for Accurate Digital Image Registration, Research Promotion Scheme (RPS), AICTE, New Delhi. His interests include teaching pedagogy at the higher education level and aspire to develop online teaching methods that

will suit the post pandemic situation. He has conducted more than 4 FDPs and has delivered over 10 talks, many of them of the popular science genre involving computation.

3. Dr. Sameer G. Kulkarni



Sameer G. Kulkarni is an Assistant Professor at the Indian Institute of Technology, Gandhinagar. Prior to joining IITGn, he was a post-doctoral researcher at the University of California, Riverside. He received Ph.D. degree in Computer Science from University of Göttingen, Germany in July 2018. His dissertation work focuses on the resource management aspects towards building Efficient, Scalable and Resilient NFV platform. He received the IEEE TCSC Best Dissertation Award 2019.

He received his M.S. degree in Computer Engineering from the University of Southern California, in 2010, and B.E. degree in Computer Science and Engineering from National Institute of Engineering, Mysore, in 2004. His research interests include Software Defined Networking, Network Function Virtualization, Edge Cloud Platforms, Distributed systems, and Disaster Management. His research publications include SIGCOMM, CoNEXT, SoCC, IFIP Networking, CloudNet, NFV-SDN, EuCNC, LANMAN, ICIN conferences and Infocom workshop. He has nearly a decade of Industrial experience. He worked at Qualcomm, San Diego (2009-2014), in the Multimedia Audio group, with core focus on design and development of entire audio software stack (middleware, drivers and DSP) for the Qualcomm Application processors. He also worked at Tata Elxsi Ltd., Bangalore, in the Product Research and Design for Embedded and Multimedia Systems (2004-2008).

4. Bhawana Rudra



She is currently working as an Assistant Professor, Dept of CSE, NITK, Surthkal, Karnataka. She holds B.E. degree from Jawaharlal Nehru Technological University, Hyderabad and PhD degree from IIIT-Allahabad in 2015. She has got 9 years of research and teaching experience. Her research interests include Future Internet and its Security, Computer Networks, Information Security, Android Security,

Issues Internet of Things, and Wireless Sensor Networks. She has published 7 research papers. Authored a single text book titled Flexible Network Architectures Security Issues and Principles in Taylor & Francis, Florida. 2018. She received Emerging Researcher and Promising Educator Awards by International Institute of Organized Research (I2OR), Australia-2017.

5. Dr. BharathiMalakreddy A.



Presently working as Professor, Department of Artificial Intelligence and Machine Learning at BMS Institute of Technology and Management. She earned Ph.D. degree in Computer Science and Engineering from JNTU Hyderabad. She has got around 24 years of Teaching Experience and 8 years of Research Experience. Worked as visiting faculty for IGNOU and Infosys campus connect program.

Areas of interest are Wireless Sensor Network, IoT and Medical /Healthcare applications. Published papers in IEEE, Springer, Elsevier, LNSE and two patents. She has developed and deployed ten smart products for Leapmile Logistic Industry, Valluri technologies and smart campus. She has received research grants from VGST and VTU to work on Radiogenomics. She has published 33 research papers in reputed journals and in proceedings of reputed conferences.

6. Dr. VeereshPagi



Veerappa B. Pagi graduated from Basaveshwar Engineering College, Bagalkot with B. E. in Computer Science and Engineering, in 1994. He obtained his Master's degree in Computer Science and Engineering from B. M. S. College of Engineering in 1997. He completed his Ph. D. in Computer and Information Sciences, under the guidance of Dr. Basavaraj S. Anami, from VTU Belgaum, in 2014.

He worked on the problem of Fault Diagnosis of Motorcycles based on the Sound, for his Ph.D. He has published 24 papers in International journals, 14 in International conferences and 04 in National conferences. He is a recognized reviewer for Elsevier Measurements journal. He is also awarded for Best Paper Presentation for his paper entitled "BharathadalliMuktaThanthraanshaOnduAvalokana", in the 9th Kannada Science Conference, at Bagalkot. His research interests include Image Processing, Data Mining and Pattern Classification.

7. Dr. Shashidhar G. Koolagudi



He is currently working as an Associate Professor in Dept. of CSE, National Institute of Technology Karnataka. He got PhD degree from Indian Institute of Technology, Kharagpur in 2011. He has published 151 research papers in reputed journals and in proceedings of reputed conferences. He has authored 2 textbooks and contributed 9 book chapters. He is expertise in Speech and Audio Processing; Image Processing; Machine Learning/Intelligence.

8. D. Senthil Kumar



Dr. T. Senthil Kumar currently serves as Associate Professor at the Department of Computer Science and Engineering at Amrita School of Engineering, Amrita VishwaVidyapeetham, Coimbatore. His research interest include Video Analytics, Big Data Analytics, Intrusion Detection Systems. He completed his B. Tech. (Computer Science and Engineering) from Sethu Institute of Technology, Madurai.

He then completed his M. Tech. (Distributed Computing Systems) from Pondicherry Engineering college, Pondicherry. He completed his PhD in Information and Communication Engineering from Anna University, Chennai. He has received appreciation in Indian Express for agent based programming for Banking Domain. He has published in nine National Conferences, 12 International Conference, 14 International Journal and ten Edited Book volume. He has 22 Scopus Indexed publications. He is guiding scholar with Amrita Vishwa Vidyapeetham in the area of Video Analytics, Intrusion detection system. He teaches courses on Video Processing, Video Analytics, Machine Learning for Big Data. He has involved himself in developing in the competency areas of programming like Matlab, NS2, JIST, DotNet, Android, Hadoop, Spark, OpenCV with Qt. He is working with Amrita Vishwa Vidyapeetham, Coimbatore since 2001. He has membership in professional bodies like CSI, IETE.

9. Dr. Mamatha T.



Dr. Mamatha T has PhD in Computer Science and Engineering from Visvesvaraya Technological University (VTU), Belgaum, Karnataka. She has got around 21 years of experience and presently working as Professor, in the Computer Science and Engineering department at Atria Institute of Technology, Bengaluru, Karnataka, India since 2021. She has published 50 research papers in reputed international journals. Her area of research includes Internet of things, Autonomous Vehicles.

She has also executed sponsored projects funded from various agencies like IBM, CDAC. She was the executed several IoT based project with Nokia. She has conducted several IOT based workshops for students. She was coordinator for the Infosys campus-connect programs and has rolled out several batches. She has delivered talks on Big Data Analytics and Hadoop, “Internet of Things and its Applications”, for District Training Institute Bangalore Urban, Center for E-Governance covering districts Ramanagara, Shivmoga, Davangere Bangalore rural, Tumukur, Chitradurga.

10. Dr. Manjesh Hanawal



Manjesh K. Hanawal (Senior Member, IEEE) received the M.S. degree in ECE from Indian Institute of Science, Bengaluru, India, in 2009, and the Ph.D. degree from INRIA, Sophia Antipolis, France, and the University of Avignon, France, in 2013. He held a post-doctoral position at Boston University for two years. He joined Industrial Engineering and Operations Research at IIT Bombay, Mumbai, India, where he is currently an Associate Professor. His research interests include performance evaluation, machine learning, and Cyber Security. He was a recipient of Inspire Faculty

Award from DST, Government of India, and the Early Career Research Award from SERB Government of India. He has published 103 research papers in reputed Journals and in proceedings of reputed conferences.

4. Participant Details

Sl. No.	Participant Full Name	Qualification	Institute/Industry
1	Miss. CHAITHRA M	B.E. (Student)	ATME COLLEGE OF ENGINEERING, MYSURU
2	Miss. KAVYASHREE T H	B.E. (Student)	
3	Miss. KHUTEJATUL KUBRA	B.E. (Student)	
4	Miss. KHUTEJATUL KUBRA	B.E. (Student)	
5	Miss. BHUMIKA K	B.E. (Student)	
6	Mrs. GEETHA I J	BCA (Student)	HP INFOTECH, BANGALORE
7	Mr. MAHESH	M. Tech. (Industry)	INDUSTRY
8	Mrs. VANI G	M. Tech. (Industry)	SONATA SOFTWARE, BANGALORE (INDUSTRY)
9	Mr. ANAND MANNIKERI	M. Tech. (Industry)	MCKINLEY RICE, PUNE (INDUSTRY)
10	Mr. ANIL KUMAR C J	Research Scholar	ATME COLLEGE OF ENGINEERING, MYSURU
11	Mr. SWAROOP N S	Research Scholar	G MADEGOWDA INSTITUTE OF TECHNOLOGY, BHARATHINAGARA
12	Mrs. THANUJA K	Research Scholar	
13	Mrs. SHALINI K J	Research Scholar	
14	Mr. SHANKARAYYA SHASTRI	Research Scholar	GM INSTITUTE OF TECHNOLOGY, DAVANGERE.
15	Mr. NAGARAJ GADAGIN	Research Scholar	K.L.E INSTITUTE OF TECHNOLOGY, HUBLI
16	Mr. SHRIDHAR SHRINIVAS CHINI	Research Scholar	
17	Mrs. SWATI M. SAJJAN	Research Scholar	
18	Mrs. RAJESHWARI D	Research Scholar	NIEIT, MYSURU
19	Mr. CHETHANA C	Research Scholar	PES COLLEGE OF ENGINEERING, MANDYA
20	Mrs. MEENAKSHI	Research Scholar	RNSIT BENGALURU
21	Mr. RAGHAV S	Research Scholar	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE
22	Mrs. SHANTA H BIRADAR	Research Scholar	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE
23	Miss. RAJESHWARI BANNI	Research Scholar	SKVMACET LAXMESHVAR
24	Mr. SANJAY V CHOWDHARY	Research Scholar	SMT. KAMALA AND SHRI VENKAPPA M AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY

Sl. No.	Participant Full Name	Qualification	Institute/Industry
25	Prof. RUMANA ANJUM	Research Scholar	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU
26	Mr. DAYANANDA K J	Research Scholar	YUVARAJ COLLEGE, MYSURU
27	Mr. KIRAN B	M.Tech.	ATME COLLEGE OF ENGINEERING, MYSURU
28	Miss. NAVYA N	M.Tech.	
29	Mr. GIRISH SAUNSHI	M.Tech.	K.L.E INSTITUTE OF TECHNOLOGY, HUBLI
30	Mr. RAGHURAM A S	M.Tech.	ATME COLLEGE OF ENGINEERING, MYSURU
31	Mrs. SUSHMA V	M.Tech.	
32	Mrs. SUSHMA V	M.Tech.	
33	Mr. CHETHAN R	M.Tech.	G MADEGOWDA INSTITUTE OF TECHNOLOGY, BHARATHINAGARA
34	Miss. RESHMA	M.Tech.	
35	Mr. BHARATEESH N. FADANIS	M.Tech.	JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAVI
36	Mr. RAVI KUMAR K N	M.Tech.	G MADEGOWDA INSTITUTE OF TECHNOLOGY, BHARATHINAGARA
37	Mrs. ROOPA B	M.Tech.	ATME COLLEGE OF ENGINEERING, MYSURU
38	Miss. POORNASHREE NARAYANI S KULKARNI		
39	Mr. K S YOGESH		
40	Miss. LAVANYA N		
41	Mrs. JYOTHI M PATIL		
42	Mrs. SNEHA N P		
43	Mr. KALATHMA M K		
44	Mrs. SUSHMA V		
45	Mrs. HAMSA A S		
46	Mrs. KAVYA P O		
47	Mrs. LAVANYA M S		
48	Miss. SHRUTHISHREE M K		
49	Mrs. CHETHANA K S		
50	Mrs. SHOBHA C HIREMATH	M.Tech.	K.L.E INSTITUTE OF TECHNOLOGY, HUBLI
51	Prof. NAITIK ST	M.Tech.	KLS GOGTE INSTITUTE OF TECHNOLOGY
52	Prof. PRASANNA PATIL	M.Tech.	MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE
53	Dr. SAYEDA UMER ALMAS	Ph.D	ATME COLLEGE OF ENGINEERING, MYSURU

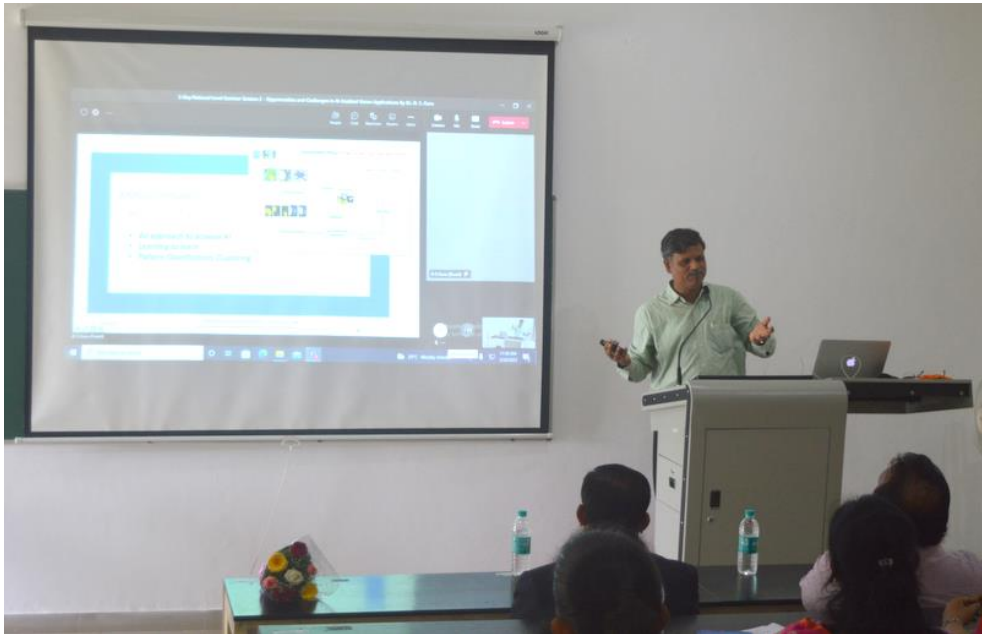
Sl. No.	Participant Full Name	Qualification	Institute/Industry
54	Dr. MAHANTESH C ELEMMI	Ph.D	JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAVI
55	Dr. GEETA R. BHARAMAGOUDAR	Ph.D	K.L.E INSTITUTE OF TECHNOLOGY, HUBLI
56	Dr. SUMA A P	Ph.D	MYSORE UNIVERSITY SCHOOL OF ENGINEERING, MYSORE
57	Dr. SANGAPPA RAMACHANDRA BIRADAR	Ph.D	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY
58	Dr. SYED SALIM	Ph.D	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY, MYSORE
59	Dr. NASREEN FATHIMA	Ph.D.	ATME COLLEGE OF ENGINEERING, MYSURU
60	Dr. SANTOSH KUMAR J	Ph.D.	K S SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE
61	Dr. SHRIDHAR ALLAGI	Ph.D.	K.L.E INSTITUTE OF TECHNOLOGY, HUBLI

5. Statement of Expenditure and Utilization

Out of total expenditure of **Rs. 116544/- (Rupees One Lakh Sixteen Thousand Five Hundred Forty Four Only)** SERB Grant of **Rs. 80000/-** (Rupees Eighty Thousand Only) has been utilized as per the details given below:

Income (in ₹)		Expenditure (in ₹)	
1. By Registration	Rs. 15000/-	1. Domestic Travel for Young and Senior Scientists(Indian Only)	Rs. 71000/-
2. By Donations	-Nil-	2. Pre-Conference Printing (Announcements, abstracts etc.)	Rs. 6195/-
3. By advertisements	-Nil-	3. Contingencies (Stationary items, Working Tea/Lunch, Audio-Visuals etc.)	Rs. 20217/-
4. By Grant from SERB	Rs. 80000/-	4. Printing of Proceedings	Rs. 2025/-
5. By Other Funding Agencies	-Nil-	5. Other etc.(please specify) Resource Person accommodation and hospitality, Mementos to Resource Persons and Chief Guests, Registration Kits to Participants	Rs. 17107/-
Total (in ₹) (Rupees Ninety Five Thousands Only)	Rs. 95000/-	Total (in ₹) (Rupees One Lakh Sixteen Thousand Five Hundred Forty Four Only)	Rs. 1,16,544/-

6. Event Photos



Session 1: Opportunities and Challenges in AI-Enabled Vision Applications By Dr. D. S. Guru, Professor, University of Mysore, Mysore



Token of appreciation to guest speaker



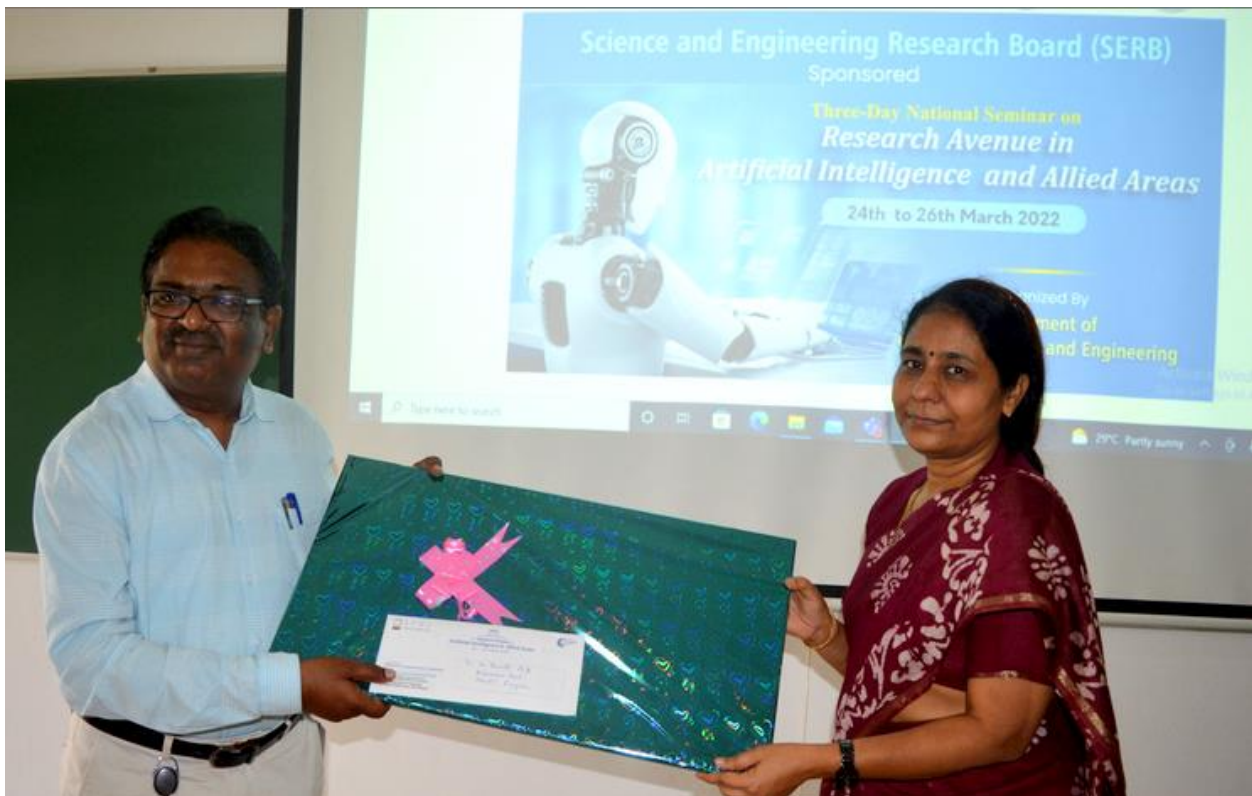
Session 1:Role of Blockchain in IoT By Dr. BhawanaRudra, Assistant Professor, National Institute of Technology, Karnataka, Surathkal



Token of appreciation to guest speaker



Session 2: Intelligent Networks By Dr. Bharathi M. A. Professor and Head, Dept. of CSE, BMS Institute of Technology and Management, Bangalore



Token of appreciation to guest speaker



Session 3: Research Avenues in Speech Processing By Dr. Shashidhar G. Koolagudi, Associate Professor, National Institute of Technology Karnataka, Surathkal



Token of appreciation to guest speaker



Session 4: AI in Intelligent Agriculture By Dr. Veerappa B. Paagi, Professor and Head, Dept of CSE, Basaveshwar Engineering College, Bagalkot



Token of appreciation to guest speaker



Session 2: Research Avenues in AI and IoT By Dr. Mamatha T., Professor, Atria Institute of Technology, Bengaluru



Token of appreciation to guest speaker

Participants









Group Photo with Participants



Participation Certificate Distribution



Participation Certificate Distribution



Certificate Format



Participant Welcome Kit

ಪ್ರಜಾವಾಣಿ



ಮೈಸೂರು ತಾಲ್ಲೂಕು ವರುಣಾ ಹೋಬಳಿಯ ಮೆಲ್ಲಹಳ್ಳಿ ಎಟಿಎಂಇ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಗುರುವಾರ ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ಕುರಿತ ರಾಷ್ಟ್ರ ಮಟ್ಟದ ವಿಚಾರ ಸಂಕಿರಣಕ್ಕೆ ಚಾಲನೆ ನೀಡಲಾಯಿತು. ಯುಎಸ್‌ಎಯ ಸೈನೋಪೇಟ್ ಪ್ರಧಾನ ವಾಸ್ತುಶಿಲ್ಪಿ ಪ್ರಶಾಂತ್ ಎನ್‌ಚಂದ್ರಶೇಖರ್ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಎಲ್‌ಬಸವರಾಜ್ ಇದ್ದಾರೆ

‘ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ; ಉದ್ಯೋಗಾವಕಾಶ’

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ವರುಣಾ: ‘ತಾಂತ್ರಿಕ ಕ್ಷೇತ್ರದಲ್ಲಿ ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ಮತ್ತು ಅದರ ಮೇಲಿನ ಸಂಶೋಧನಾತ್ಮಕ ಬೆಳವಣಿಗೆಗಳು ಭವಿಷ್ಯದಲ್ಲಿ ಕೃಷಿ, ಕೈಗಾರಿಕೆಯಂತಹ ಹಲವು ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಅನಿವಾರ್ಯವಾಗಲಿದ್ದು, ಸಾಕಷ್ಟು ಉದ್ಯೋಗಾವಕಾಶ ಲಭ್ಯವಾಗಲಿವೆ’ ಎಂದು ಯುಎಸ್‌ಎಯ ಸೈನೋಪೇಟ್ ಪ್ರಧಾನ ವಾಸ್ತುಶಿಲ್ಪಿ ಪ್ರಶಾಂತ್ ಎನ್‌. ಚಂದ್ರಶೇಖರ್ ತಿಳಿಸಿದರು.

ಮೈಸೂರು-ಬನ್ನೂರು ರಸ್ತೆಯಲ್ಲಿರುವ ಮೆಲ್ಲಹಳ್ಳಿಯ ಎಟಿಎಂಇ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಗುರುವಾರ ನಡೆದ ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ (ಆರ್ಟಿಫಿಶಿಯಲ್ ಇಂಟೆಲಿಜೆನ್ಸ್) ಮತ್ತು ಸಂಬಂಧಿತ ವಲಯಗಳ ಸಂಶೋಧನಾ ಮಾರ್ಗಗಳ ಕುರಿತ ಮೂರು ದಿನದ ರಾಷ್ಟ್ರ ಮಟ್ಟದ ವಿಚಾರ ಸಂಕಿರಣದಲ್ಲಿ ಅವರು ಮಾತನಾಡಿದರು.

‘ತಾಂತ್ರಿಕತೆಗೆ ತಕ್ಕಂತೆ ಆಧುನಿಕ ಕೌಶಲ ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು ಹಾಗೂ ವಿಚಾರ ಸಂಕಿರಣಗಳ ಮೂಲಕ ಪರಸ್ಪರ ವಿಚಾರ ವಿನಿಮಯದಿಂದ ಕೌಶಲಗಳ ತುಲನಾತ್ಮಕ ಅಧ್ಯಯನಕ್ಕೆ ಅನುಕೂಲವಾಗಲಿದೆ’ ಎಂದರು.

ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಎಲ್. ಬಸವರಾಜ್ ಮಾತನಾಡಿದರು.

ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ.ಪುಟ್ಟೇಗೌಡ, ಸಹ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ನವೀನ್ ಇದ್ದರು.

PrajavaniNewspaper, Mysuru Edition, Date:25-03-2022

ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ಕುರಿತು ವಿಚಾರ ಸಂಕಿರಣ

ಎಟಿಎಂಇ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಮೂರು ದಿನಗಳ ಕಾರ್ಯಕ್ರಮ

• ಕನ್ನಡಪ್ರಭ ವಾರ್ತೆ ಮೈಸೂರು

ಬನ್ನೂರು ರಸ್ತೆಯ ಎಟಿಎಂಇ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್ ವಿಭಾಗದ ವತಿಯಿಂದ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಸಂಶೋಧನಾ ಮಂಡಳಿಯು ಕೃತಕಬುದ್ಧಿ ಮತ್ತೆ ಮತ್ತು ಸಂಬಂಧಿತ ವಲಯಗಳ ಸಂಶೋಧನ ಮಾರ್ಗಗಳ ಕುರಿತು ಮೂರು ದಿನಗಳ ಕಾಲ ಆಯೋಜಿಸಿರುವ ರಾಷ್ಟ್ರ ಮಟ್ಟದ ವಿಚಾರ ಸಂಕಿರಣಕ್ಕೆ ಚಾಲನೆ ನೀಡಲಾಯಿತು.

ಆತಿಥಿ ಯಾಗಿ ಪಾಲ್ಗೊಂಡು ಮಾತನಾಡಿ, ತಾಂತ್ರಿಕ ಕ್ಷೇತ್ರದಲ್ಲಿ ಕೃತಕ- ಬುದ್ಧಿಮತ್ತೆ ಮತ್ತು ಅದರ ಮೇಲಿನ ಸಂಶೋಧನಾತ್ಮಕ ಬೆಳವಣಿಗೆಗಳು ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಕೃಷಿ, ಕೈಗಾರಿಕೆಯಂತಹ ಹಲವು ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಅನಿವಾರ್ಯವಾಗಲಿದೆ. ದೇಶವು



ಕೈಗಾರಿಕಾ ಕ್ರಾಂತಿಯತ್ತ ಸಾಗುತ್ತಿದ್ದು, ಸಾಕಷ್ಟು ಉದ್ಯೋಗಾವಕಾಶಗಳು ವಿವಿಧ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಲಭ್ಯವಾಗಲಿವೆ. ಆದರೆ ಅದಕ್ಕೆ ತಕ್ಕಂತೆ ಅವಶ್ಯಕ ಅಧುನಿಕ ಕೌಶಲ್ಯಗಳನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವುದು ಅನಿವಾರ್ಯ. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಇಂತಹ ವಿಚಾರ ಸಂಕಿರಣಗಳ ಮೂಲಕ ಪರಸ್ಪರ ವಿಚಾರ ವಿನಿಮಯ ಹಾಗೂ ಕೌಶಲ್ಯಗಳ ಹುಲನಾ

ತ್ವಕ ಅಧ್ಯಯನಕ್ಕೆ ಅನುಕೂಲವಾಗಲಿದೆ ಎಂದು ಅಭಿಪ್ರಾಯಪಟ್ಟರು.

ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಎಲ್. ಬಸವರಾಜ್ ಮಾತನಾಡಿ, ತಾಂತ್ರಿಕವಿದ್ಯಾಭ್ಯಾಸದಲ್ಲಿ ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ವಿಷಯವು ಅತ್ಯಂತ ಬೇಡಿಕೆಯ ವಿಷಯವಾಗಿದ್ದು ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಈ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಸಾಕಷ್ಟು

ಉದ್ಯೋಗಾವಕಾಶಗಳು ಲಭ್ಯವಾಗಲಿವೆ, ಇಂತಹ ವಿಚಾರ ಸಂಕಿರಣಗಳ ಮೂಲಕ ಅಗತ್ಯ ಕೌಶಲ್ಯಗಳನ್ನು ಹೊಂದಲು ಸಾಧ್ಯವಾಗಲಿದೆ ಎಂದರು.

ವಿಚಾರ ಸಂಕಿರಣದಲ್ಲಿ ದೇಶದ ವಿವಿಧ ಐಐಟಿ, ಐಐಎಂ, ಪ್ರತಿಷ್ಠಿತ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜುಗಳು ಹಾಗೂ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳು ತಮ್ಮ ವಿಚಾರಗಳನ್ನು ಹಂಚಿ ಹೊಂದಿದರು. ಕಾರ್ಯಕ್ರಮ ಸಹ- ಆಯೋಜಕ ಮತ್ತು ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ.ಪುಟ್ಟೇಗೌಡ ಸ್ವಾಗತಿಸಿದರು.

ಕಾರ್ಯಕ್ರಮ ಆಯೋಜಕ ಸಹ-ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ನವೀನ್, ವಿವಿಧ ವಿಭಾಗಗಳ ಡೀನ್‌ಗಳು, ಆಡಳಿತಾಧಿಕಾರಿ ಡಾ. ಸಚ್ಚಿದಾನಂದ, ವಿವಿಧ ವಿಭಾಗಗಳ ಮುಖ್ಯಸ್ಥರು, ಬೋಧಕ ಸಿಬ್ಬಂದಿ ಇದ್ದರು.

Kannada Prabha Newspaper, Mysuru Edition, Date:25-03-2022

(Dr. Naveen N. M.)

Signature of Convener

(Dr. Puttegowda D.)

Head of the Department

(Dr. L. Basavaraj)

(Principal)