Mahajana Education Society®

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SBRR Mahajana First Grade College (Autonomous)

Affiliated to University of Mysore

College with Potential for Excellence Re-Accredited by NAAC with 'A' Grade

Jayalakshmipuram, Mysuru - 570012

One Day National Level Seminar

Exploring Research
Methodologies in Computer Science : Unraveling the Latest Advances

An IQAC Initiative

Department of Computer Science and Applications

Inauguration

Inauguration & Key Note Address :
Dr. Murali S
President, MIT Group
Mysuru

Chief Guest

Dr. C N Ravi Kumar
Former Dean (Academics) Prof. & Head
Dept. of Computer Science & Engineering
SJCE, Mysuru

Presided by

Sri T Muralidhar Bhagavat
President
Mahajana Education Society, Mysuru

Hon'ble Presence

Dr. T Vijayalakshmi Muralidhar
Hon. Secretary
Mahajana Education Society
Mysuru

Dr. B R Jayakumari
Principal
SBRR Mahajana First Grade College [A]
Mysuru

Date : 24th NOV 2023

Time : 10.00 AM

All are Cordially Invited

Teaching, Non-Teaching Staff & Students

One Day National Level Seminar

Session 1

10.45 AM to 12.00 PM

Topic: Research Methodologies in Computer Science: Problem Identification and Understanding its Scope.

Resource Person :
Dr. D S Guru
Professor DoS in Computer Science
University of Mysore, Manasagangotri, Mysuru

Session 2

12.15 PM to 01.30 PM

Topic: Art of Writing & Publishing Research Paper in Computer Science Journals

Resource Person :
Dr. Kolla Bhanu Prakash
Professor & Associate Dean [R&D]
Computer Science Engineering, Koneru Lakshmaiah Education Foundation, Andhra Pradesh

Session 3

02.00 PM to 03.15 PM

Topic: Scope of Research in Transforming the Software Landscape & Industry
(AI, ML, Cyber Security, Mobile Computing, Cloud Computing)

Resource Person :
Dr. Meenakshi
Senior Principal Consultant-Learning,
Data Science Unit, ETA, Infosys, Mysuru

Session 4

03.15 PM to 04.30 PM

Topic: Exploring AI and ML Tools in Research: A Case Study Approach

Resource Person :
Smt. Kavyashree
Senior Associate Learning
Infosys, Mysuru

Valedictory

Time: 05.00 PM

Valedictory Speech:
Dr. Meenakshi
Senior Principal Consultant-Learning,
Data Science Unit
ETA, Infosys, Mysuru

Presided by:
Dr. S R Ramesh
CEO & Academic Advisor
SBRR Mahajana First Grade College [A],
Mysuru

Honourable Presence

Dr. B R Jayakumari
Principal,
SBRR Mahajana First Grade College [A], Mysuru

Smt. Shruthy Poonacha
Controller of Examination,
SBRR Mahajana First Grade College [A], Mysuru

Sri Radhesh A
HoD Computer Science & Applications
SBRR Mahajana First Grade College [A], Mysuru

24/11/2023

Department of Computer Science and Applications

National Seminar
on
'Exploring Research Methodologies in Computer Science: Unraveling the Latest Advances'

The Department of Computer Science and Internal Quality Assurance Cell (IQAC) at SBRR Mahajana First Grade College organized a one-day national-level seminar titled 'Exploring Research Methodologies in Computer Science: Unraveling the Latest Advances.' The event commenced with an invocation by Niharika Hegde, creating a positive atmosphere. Dr. B.R. Jayakumari, the principal, delivered the welcome speech, highlighting the importance of research in Computer Science.

The inauguration ceremony was presided over by Dr. C.N. Ravikumar, former HOD, Department of CS&E, SJCE, Mysore. Dr. Murali S, President of the MIT Group, delivered the keynote address, emphasizing the intrinsic value of research and its role in contributing to society. He stressed that research goes beyond publication, focusing on language documentation and ethical considerations. Dr. C.N. Ravikumar, the chief guest, discussed interdisciplinary research. He urged the participants to use AI & ML responsibly, emphasizing ethical considerations. Notable attendees included Sri S K Sanjay, Chartered Accountant, CEO and Academic Advisor Dr S R Ramesh, Senior faculty member and Head of the Department of Kannada, Dr. Thimmegoda.

Session 1: Research Methodologies in Computer Science – Dr. D S Guru

Dr. D S Guru, an eminent person in the field, led Session 1, addressing the critical theme of "Research Methodologies in Computer Science: Problem Identification and Understanding its Scope." The session commenced with a profound exploration of the essence of research and its pivotal role in shaping the civilization of Data Science. Dr. D S Guru intricately connected the evolution of civilization with scientific progress, emphasizing the transformative impact of Artificial Intelligence (AI) and Machine Learning (ML) through compelling examples like image recognition and face recognition. He underscored the pervasive influence of AI & ML in diverse fields. A key highlight was Dr D S Guru's emphasis on the continuous cycle of search, research, and active engagement. He delved into the qualitative attributes and the meticulous process of effective research. This holistic research approach resonated with the audience, fostering a deeper appreciation for the intricacies of scholarly exploration.

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Session 2: Art of Writing and Publishing Research Paper – Dr Kolla Bhanu Parkash

Dr Kolla Bhanu Parkash, a distinguished professor from K.L University Vijayawada, assumed the role of the resource person for Session 2. His topic was "Art of Writing and Publishing research paper in Computer Science Journals," which encapsulated crucial aspects integral to effective scholarly communication. The introductory phase of the session illuminated the importance of novelty in research. Dr Kolla Bhanu Parkash provided insights into preventing plagiarism and navigating ethical considerations in the realm of academic writing. This foundational understanding set the stage for a more nuanced exploration of research paper creation. Dr Koll Bhanu Parkash offered valuable insights on finding the right domain-specific journal, making informed choices between open access and free options, and steering clear of certain AI tools in content writing, such as ChatGPT and Quill Bot. The intricacies of technical drafting and the role of tools like Grammarly in refining language usage were emphasized.

Session 3: Scope of Research in Transforming the Software Landscape & Industry Dr. Meenakshi

Dr. Meenakshi, a seasoned professional serving as a senior principal consultant in the Data Science Unit at ETA, Infosys, Mysuru, took the stage for Session 3. Her topic, "Scope of Research in Transforming the Software Landscape & Industry," offered participants a profound glimpse into the digital transformation reshaping the software industry, particularly within the realm of Industry 4.0. The session commenced with a concise yet comprehensive overview of the ongoing digital transformation in the software industry. Dr Meenakshi shed light on Industry 4.0, emphasising the pivotal role that research plays in navigating the dynamic landscape of this technological evolution. Key technologies driving this transformation were highlighted, providing a roadmap for participants to understand the contemporary software ecosystem. Artificial Intelligence, Cloud Computing, the Internet of Things (IoT), Big Data, Robotics, and Cyber security emerged as key pillars shaping the future of the software industry. Dr. Meenakshi underscored the significance of research in optimising these technologies and ensuring their effective application in the evolving software industry. The session delved into real-life examples that illustrated the practical impact of these technologies, grounding theoretical concepts with tangible, real-world applications. A central theme of the seminar was the role of research in driving innovation and addressing challenges within Industry 4.0. Dr. Meenakshi's insights provided a better understanding of how research serves as the catalyst for innovation, offering solutions to the complex challenges posed by the rapidly evolving software landscape.
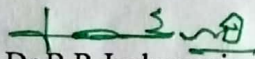
Session 4: Exploring AI & ML Tools in Research – A Case Study Approach – Smt. Kavyashree

Smt. Kavyashree, the resource person for Session 4, brought a hands-on dimension to the seminar with her topic, Exploring AI & ML Tools in Research – A Case Study Approach." Drawing from her expertise, she provided valuable insights into the practical aspects of utilizing AI & ML programming tools. Her session went beyond theory, offering live examples to the participants. The exploration of AI & ML programming tools, including MATLAB, R Programming, and Python programming, was showcased through real-world case studies.The hands-on approach of the session ensured that participants not only understood the theoretical underpinnings of AI & ML but also witnessed their practical utility in research. This approach

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aligned with the overarching theme of the seminar, empowering participants to integrate acquired knowledge into their research endeavours' inclusion of diverse tools like MATLAB, R Programming, and Python programming reflected the dynamic landscape of AI & ML. Participants were exposed to the versatility of these tools and gained insights into choosing the most appropriate ones based on the requirements of their research projects. This session aimed to equip participants with the knowledge and skills needed for informed decision-making in research. By presenting tangible examples and case studies, she demystified complex AI & ML tools, making them accessible to researchers at various levels of expertise.
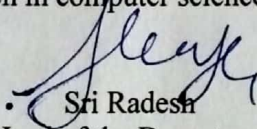
Conclusion

In summary, the National Level Seminar at SBRR Mahajana First Grade College offered a well-rounded exploration of research in Computer Science. Dr. D S Guru highlighted the fundamental aspects of research, emphasizing its continuous cycle and qualitative attributes. Dr Kolla Bhanu Parkash provided practical insights into effective scholarly communication, addressing the importance of novelty, ethics, and technical drafting. Dr. Meenakshi delved into the transformative impact of key technologies, stressing the pivotal role of research in navigating Industry 4.0. Smt. Kavyashree brought the sessions to a hands-on conclusion, showcasing the practical integration of AI & ML tools in research through live examples and case studies. The sessions provided a comprehensive understanding, equipping the participants with both theoretical knowledge and practical skills for contemporary research in computer science.

Dr B R Jaykumari
Principal
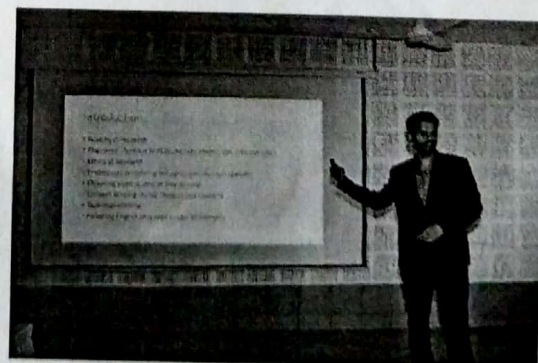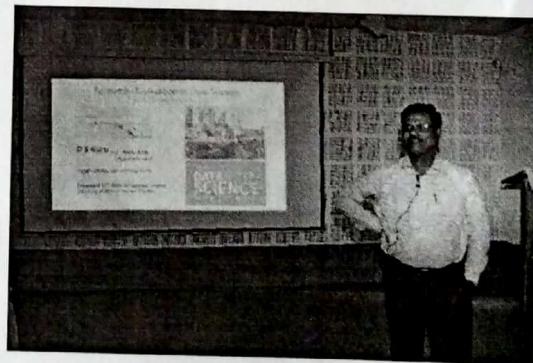
Sri Radesh
Head of the Department

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Department of Computer Science and Applications

National Seminar

24/11/2023

On

'Exploring Research Methodologies in Computer Science : Unraveling the latest Advances'

National level Seminar

(80)

SBRR Mahajana First Grade College (A)
Jayalakshmipuram, Mysuru – 570 012

Attendance Sheet

Name of the Committee: VOMC

Date: 24/11/23

Name of the Programme: BCA National Level Seminar   Time: Full day

Sl. No.	Name of the Student	Course	Semester	Section	Combination	Signature
1	Sangeetha. R	BCA	1 Sem	'A'	BCA	Sng
2	Armon Bilal	Bcom	3 sem	'A'	Bcom	
3	Shifali K.S	BCA	III	C	BCA	CKS
4	Sahana K.C	BCA	IV	B	BCA	Shha
5	Abhijna B Gowda	BCA	1 Sem	A	BCA	Bipalgoda
6	Varuni L.N	BBA	IV	—	BBA	Varu P
7	Priyanka G.S	BBA	IV	—	BBA	P.a.
8	Lavanya P.	BBA	VI	—	BBA	
9	Chandana B	BCA	IV	—	BCA	Chand
10	Varshini U.S	BCA	LU	—	BCA	V
11	Sinchana D.N	BCA	III	—	BCA	S
12	Tejaswini	BCA	III	—	BCA	Teja
13	Kal Bhole	BCA	III	—	BCA	Bhl
14	Tejas M.D	BBA	Vth	—	BBA	Tejas
15	Supritha. A.S	BCA	1st	'A'	BCA	Supri
16	Mhd Faizal	Bcom	3rd	'A'	Bcom	
17	Mhd Suhail	BA	3rd	—	BBA	
18	Gagan Kumar	Bcom	3rd	'A'	Bcom	
19		Bcom	3rd	'A'	Bcom	NH
20	Nikhay BR	Bcd	3rd	B	BCA	
21	Darshan M.K	BCA	3rd	B	BCA	
22	Shashikumar M.G	BCA	3rd	B	BCA	
23	Vijayalakshmi. N	BCA	1 Sem	C	BCA	
24	Shubhashitha S	BCA	1 Sem	C	BCA	
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Total No. of Students Attended: 24

Signature of the Teacher In charge

Signature

Head of the Department of
Computer Application
SBRR Mahajana First Grade College
(Autonomous)
Jayalakshmipuram, Mysuru-570 012

Received 13/12/23

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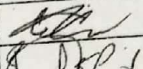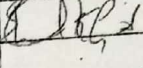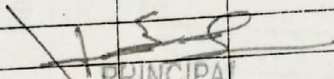Jayalakshmipuram, Mysuru – 570 012

Attendance Sheet

Name of the Committee: VOMC

Date: 04/11/23

Name of the Programme: BCA National level seminar

Time: Full day

Sl. No.	Name of the Student	Course	Semester	Section	Combination	Signature
1	Chandu. M	BBA	V	A	—	
2	Shashank. M S howda	BCA	V	B	—	
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PRINCIPAL
Smt. Bhagyalakshmamma Rattehalli Ramappa
Mahajana First Grade College (Autonomous)
Jayalakshmipuram, Mysuru-570 012

Total No. of Students Attended: 2

Signature of the Teacher In charge:

Signature,

Head of the Department of
Computer Application
Name
SBRR Mahajana First Grade College
(Autonomous)
Jayalakshmipuram, Mysuru-570 012

Organizing Secretary

College with potential for Excellence
Education to Excel

SBRR Mahajana First Grade College (A)
Jayalakshmipuram, Mysuru – S70 012

Attendance Sheet

Name of the Committee:

Date: 24/11/23

Name of the Programme: BCA National level seminar   Time: Full day

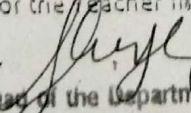| Sl. No.	Name of the Student	Course	Semester	Section	Combination	Signature
1	Priyanka.L	BCA	V	B		Priyanka
2	Bahu Prakash	BCA	V	B		B.P
3	Vinay. S.	BSC	V	~	PMCS	Vinay
4	Sagar. E.	BSC	V	—	PMCS.	Sagar E
5	Tejas.N.	BCA	V	B		Te
6	Roshni	BCA	V	B		Roshina
7	Sachin.M.	BCA	V	B		Sachin
8	Manoj	BCA	V	A		Manoj
9	Akash. K.P.	BCA	V	A		A
10	Mohammad Niyaz	BCA	III	B		A.N
11	Darshan.M.J.	BCA	III	B		Dursh
12	Keerthi. A.P.	BCA	III	C		Keerthi
13	Vaishnavi.V.V.	BCA	III	C		Keerthi
14	Ayesha Suneha	BCA	III	A		Vaish
15	Dimple. C.S	BCA	III	A		Aysha
16	Puneeth Kumar.S.N.	BCA	I	C		Pimple
17	Vikas. M.R.	BCA	I	C		Vikas
18	Suprith M	BCA	I	C		Velear
19	Prathyaksh Gowda	BCA	I	C		Prathyaksh
20	Sumanth.S.	BCA	I	C		Sumanth
21	Indrajeeth.J	BCA	I	C		Indrau
22	Rihan Ameen	BCA	I	C		Rihan.
23						
24						
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Total No. of Students Attended:

PRINCIPAL
Smt. Bhagyalakshmamma Rattehalli Ramappa
Mahajana First Grade College (Autonomous)
Jayalakshmipuram. Mysuru-570 012

Signature of the Teacher In charge:

Organizing Secretary

Signature

Head of the Department of
Computer Application
SBRR Mahajana First Grade College
(Autonomous)
Jayalakshmipuram, Mysuru-570 012

Received
13/12/23