



Estd.1939

KLS GIT's DEPARTMENT OF MCA NEWSLETTER



Estd.1979

ePatrika

July – December 2024

Volume 4 / Issue 2

Vision: The Department of Master of Computer Applications shall strive to stand out as par excellence in generating and grooming, technically competent and skilled intellectual professionals to meet the challenges of the modern computing industry.

Mission: To train the graduates to become IT professionals having strong fundamental knowledge in the field of computer application with ethical values to meet increasing global challenges of ever evolving technologies.



From the HoD's Desk

Dear Sir/Madam,

I am delighted to present the July-Dec 2024 edition of **ePatrika**, our biannual magazine. The past six months have been filled with significant events, including the memorable Farewell , Graduation Day for the MCA Class of 2024' and a series of Tech Talks and Workshops. A special highlight of this period was the grand celebration of '**Rajatotsava**', marking the silver jubilee of MCA@KLS GIT. Our students have secured placements in top-notch companies, and our faculty members have continued to contribute significantly to the overall growth and excellence of the department I look forward to more success in the future.

Dr Jayashri B. Madalgi

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ACADEMIC EXCELLENCE

MCA PG CET Toppers at MCA@KLS GIT for the Academic Year 2024-2025



Ms Bhagyashree S. Patil

USN: GIT24MCA040-T

PGCET MCA Topper for the batch 2024-2025

PGCET Rank: 245/20000



Mr Sugandh Sudhir Revankar

USN: GIT24MCA009-T

PGCET MCA Topper for the batch 2024-2025

PGCET Rank: 374/20000

ACADEMIC EXCELLENCE

MCA Toppers of the Graduating Batch 2024-2025



Mr Saiprakash Pednekar

USN: 2GI22MC081

CGPA: 9.39



Mr Prashant Jatrata

USN: 2GI22MC067

CGPA: 9.05



Ms Akshata Bhaddi

USN: 2GI22MC010

CGPA: 8.91

EVENTS@MCA

Farewell Ceremony of MCA students for the Batch of 2024



On 05 July 2024, the Department of MCA marked its Silver Jubilee this year with a memorable farewell for the graduating batch of 2024. The event was graced by MCA esteemed Chief Guest, **Ms Pooja Joshi Gohad**, Assistant Manager, PwC India. Ms. Pooja Joshi Gohad shared saying that: 'As the Chief Guest on this special occasion, it is an honor to address the graduating batch of 2024. Your journey here is a testament to your hard work and dedication. Accept the challenges to adapt the new technologies and embrace them ahead with confidence, stay curious, and continue to learn. Congratulations and best wishes for a successful future'.

The farewell ceremony was a heartfelt blend of nostalgia and inspiration, marking a significant milestone for the team of MCA staff and students

EVENTS@MCA

3-Days Short Term Training Program on 'Full Stack AI/ML Integration: Leveraging Cloud-Native Architecture and DevSecOps Practices'



Karnatak Law Society's
GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
Department of Master of Computer Applications

ORGANISING
SHORT TERM TRAINING PROGRAMME (STTP)
ON
"FULL STACK AI/ML INTEGRATION :
LEVERAGING CLOUD-NATIVE ARCHITECTURE
AND DEVSECOPS PRACTICES"

ER MOHAMMED TANZEEM AGRA
11-13 July 2024
9.00 A.M. - 5.00 P.M.
MORE INFORMATION
0831-2498500
BigData Lab, Department of MCA

AI and ML for DevOps

REGISTER NOW

NO REGISTRATION FEES

PROF. S. S. BANDEKAR
PROF. PAVAN MITRAGOTRI
COORDINATORS, DEPT. OF MCA

DR J. B. MADALGI
HEAD OF DEPARTMENT
MCA

DR M. S. PATIL
PRINCIPAL
KLS GIT



Prof. Sheetal Bandekar and Prof. P. V. Mitragotri from the Department of MCA organised a transformative 3-days STTP on the topic 'Full Stack AI/ML Integration: Leveraging Cloud-Native Architecture and DevSecOps Practices' from 11 July 2024 to 13 July 2024 for the 2nd and 4th semester MCA students. Resource person was **Er Mohammed Tanzeem Agra** (BE, MTech), Technical Manager at Datacipher Solutions Pvt Ltd and Founder of Xerxez Solutions Pvt Ltd, Bengaluru. The topics covered were:

- Discriminative Model (Regression Technique).
- Machine Learning - Model Orchestration using MLFlow.
- Docker and Kubernetes - Django and PostgreSQL.
- Model Deployment and DevSecOps - Securing the CNAPP.

EVENTS@MCA

Technical Sessions by Adjunct Faculty Mr Mallanagouda Patil



Prof. M. S. Emmi from the Department of MCA hosted an enriching Adjunct Faculty Technical Sessions program on 09 August 2024. The department had **Mr Mallanagouda Patil**, a Data Architect & Senior Staff Engineer from NETSKOPE SOFTWARE INDIA PRIVATE LIMITED, Bengaluru, as the esteemed resource person. This program focused on empowering students with essential skills for placement preparation and career guidance. Key highlights included:

- Insightful talk on Career Path Guidance
- Engaging online quiz on Basic C
- Comprehensive review of basic and advanced C topics
- Interactive discussions on advanced C concepts
- Exciting conversations on future topics

These sessions provided valuable knowledge and guidance to help students excel in their careers.

EVENTS@MCA

Expert Talk on 'Conquer Confidence and Ace placements' by Mr Chaitanya Halgekar



An Expert talk on '**Conquer Confidence and Ace Placements**' by **Mr Chaitanya Halgekar**, Freelance Communication Coach and Public Speaking Trainer was organised by **Prof. Sheetal Bandekar** for the subject **Professional Communication and Ethics (22MCA26)** on 30 August 2024 for the 2nd semester MCA students. The talk served as a source of inspiration and motivation for students. The session focused on overcoming challenges in placement interviews and provided tips on facing interviews and GDs and instilled a sense of ambition, perseverance, and determination among students. .

The resource person in his interactive session delved into the various reasons for lack of confidence that students face and elaborated how to overcome fear with real time examples of celebrities from various domains with video clips.

EVENTS@MCA

Career Edge: An Insightful Session with Ms Priyanka Patil



The Department of MCA was honored to host their alumna, **Ms Priyanka Patil**, SAP Certified Sr. SAP ABAP Consultant at Westernacher Pvt Ltd, for an engaging placement session with the 2nd semester students on 31 August 2024.

The session, coordinated by **Prof. Abhishek Nazare**, offered a deep dive into the dynamic SAP ecosystem, exploring lucrative career paths and industry insights. Ms Patil's journey from student to seasoned professional was truly inspiring, offering valuable guidance to our aspiring SAP professionals.

EVENTS@MCA

5-Days Workshop on Web Security and Bug Bounty

KARNATAK LAW SOCIETY'S
GOGTE INSTITUTE OF TECHNOLOGY BELAGAVI
An Autonomous Institution under Visvesvaraya Technological University
accredited by NAAC A+ and NBA "Jnana Ganga", Udyambag Belagavi - 590008, Karnataka, India

DEPARTMENT OF MCA

5 Days Workshop on Web Security and Bug Bounty

PRATIK KAMAT
Founder, Team Bounters
Intigriti Top 20
(Hall of Fame Lenovo, Rediff, Mailgun)

Scan to Register

19 - 24 September 2024 OFFLINE MODE

STUDENT CONVENORS
Shrinidhi Yeri
Pramod Poojari

FACULTY CONVENORS
Dr. P Barthakur
Prof. P V Mitragotri

HOD, MCA
Dr. J. B. Madalgi

PRINCIPAL, KLS GIT
Dr. M. S. Patil

<https://forms.gle/SHMgAETxMVkSogFRA>

Dr Pijush Barthakur and Prof. Pavan Mitragotri from the MCA Department with the support of MCA HoD, Dr Jayashri Madalgi organised a transformative 5-days workshop from 19 – 24 September 2024 on the topic 'Web Security and Bug Bounty' for BCA, MCA, and Engineering student's, aimed at upskilling their knowledge and providing hands-on experience in cutting-edge topics. The topics covered were:

- Web Security concepts including Threats, Attack vectors and defense mechanisms
- Hands-on experience with key vulnerabilities such as SQL Injection, Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF) and Insecure Deserialization, aligned with the OWASP Top 10
- Use of CTFs in solving cyber security problems. And exploring the Sql map, Zphisher, Broken Access Control
- Basics of Wireshark in analyzing network traffic and applying the same for foot-printing, penetration testing

EVENTS@MCA

5-Days Workshop on Web Security and Bug Bounty



We were honored to have the following Resources Persons:

Mr Pratik Kamat, Bug Bounty Hunter at Intigrity (Top 15), Security Engineer and founder of Team bounters Consulting Pvt. Ltd.

Dr Pijush Barthakur, Professor, Department of MCA,, KLS Gogte Institute of Technology, Belagavi, Karnataka.

Mr Shrinidhi Yeri, Freelancer of 2 years experience., Top 7% Tryhackme eJPT Certified, Student, Department of MCA, KLS Gogte Institute of Technology, Belagavi, Karnataka.

46 students from various departments had participated with full zeal, exploring industry tools and technologies in the field of cyber security. The workshop helped the participants to gain knowledge on various types of security aspects such as strengthen web application security, enabling them to enhance their development processes and security protocols.

MCA Graduation Day for the Batch 2022-2024



KLS Gogte Institute of Technology's Master of computer Applications hosted its **Graduation Day** for the **2022-24 graduating batch** on 5 December 2024. **Dr Jayashri Madalgi** gave the Welcome address, **Mrs Swarooprani Manoor** gave the introduction of the guest. **Mr Amit Prabhu** (Alumni from the 2004-2007 General Manager, Aarialife Technologies, Pune, India) gave the graduation message and enthralled the audience by sharing his life journey of series of success and failure right from his college days till today.

He addressed the audience that the conventional definition of success and failure should not define them and nor should one look after the criteria of success as per the crowd, but rather one should have one's own definition of success as each one of us is unique. He advised the students to master a technical skill where there are less number of people working in that area. Once you are confident success will follow you.

MCA Graduation Day for the Batch 2022-2024



Toppers of 1st and 2nd year were also felicitated

Toppers of year 2024 MCA First Year are as follows:

1st Rank: Ms Niharika Sakhdeo(9.22)

2nd Rank: Ms Nooren Pancham(8.67)

3rd Rank: Ms Sneha Melge(8.67)

Toppers of batch 2024 MCA Second Year are as follows:

1st Rank: Mr Sai Prakash Pednekar(9.39)

2nd Rank: Mr Prashant Jatrate(9.05)

3rd Rank: Ms Akshata Bhadti(8.91)

Dr Swetha Indudhar Goudar, Dean R&D, presided over the function. **Mr Abhishek Nazare** proposed the Vote of Thanks.

EVENTS@MCA

‘RAJATOTSAVA - Celebrating The Past, Pioneering The Future’



The Department of MCA, KLS Gogte Institute of Technology (KLS GIT), proudly celebrated its Silver Jubilee, '**Rajatotsava**' marking 25 years of academic and professional excellence. The event, which also included an Alumni Meet, featured a series of engaging programs and activities throughout the day.

The day commenced with a warm welcome at the registration desk, followed by a graceful invocation dance performed by alumna **Ms Pooja Kalmani** (2015 Batch), setting an auspicious tone for the festivities. **Shri Pramod Kathavi**, Chairman of GC(MAM), KLS GIT, delivered the welcome address, reflecting on the vision upon which the institution was founded. The inauguration ceremony began with a traditional lamp-lighting ritual, accompanied by a special floral welcome and the presentation of mementos.

EVENTS@MCA

‘RAJATOTSAVA - Celebrating The Past, Pioneering The Future’



Dr Jayashri B. Madalgi, Head of the Department of MCA, presented a comprehensive report on the department's 25-year journey, highlighting its milestones and achievements. Following this, the Chief Guest, **Mr Gokul Alex**, Associate Director at KPMG India, was introduced by **Prof. Swarooprani Manoor**. Mr Alex delivered an inspiring keynote address, emphasizing the importance of 'attention' in the realm of technology. He discussed the critical qualities engineers should possess, such as critical thinking and design thinking, while shedding light on the transformative technologies driving today's data revolution.

EVENTS@MCA

‘RAJATOTSAVA - Celebrating The Past, Pioneering The Future’



The event also recognised the invaluable contributions of senior faculty members from the MCA department. The faculty who were present for the felicitation were: **Dr Ramane, Dr J. B Madalgi, Dr Rashmi Jogdand, Prof. Vidya Kulkarni, Dr M. M. Math and Prof. Vineeta Gejji**

Dr M. S. Patil, Principal of KLS GIT, addressed the gathering, followed by a special video message from **Shri Anant Mandagi**, President of KLS. In his message, Shri Mandagi stressed the importance of nurturing successful entrepreneurs with a sense of social responsibility.

A key highlight of the day was the release of the '**Rajatotsava Souvenir**', a commemorative publication capturing the essence of the MCA department's illustrious journey. The audience also enjoyed a video showcasing alumni activities and an interactive session where alumni shared cherished memories.

EVENTS@MCA

‘RAJATOTSAVA - Celebrating The Past, Pioneering The Future’



The event concluded with a Presidential remark by **Shri Pradeep Sawkar**, Chairman of KLS. He emphasised the significant technological advancements over the years and the vital role MCA graduates play in driving innovation. He also recalled the first alumni meet outside Belagavi, which was held in Dubai in 2016.

The program came to a close with a vote of thanks delivered by **Prof. M. S. Emmi**, followed by the national anthem.

EVENTS@MCA

‘RAJATOTSAVA - Celebrating The Past, Pioneering The Future’

KARNATAK LAW SOCIETY'S
GOGTE INSTITUTE OF TECHNOLOGY BELAGAVI
Autonomous Institute under Visvesvaraya Technological University (VTU)
Belagavi
Estd 1939

DEPARTMENT OF MCA

SILVER JUBILEE CELEBRATION
RAJATOTSAVA
CELEBRATING THE PAST, PIONEERING THE FUTURE

Tech Talk
Quantum Computing

Mr. Gokul Alex
Associate Director
KPMG India

- Venue: S J Auditorium
- Date: 28 Dec 2024
- Time: 2:00 PM

Co-ordinator: Prof. S.H. Manoor, Prof. A.N. Nazare, Prof. N.N. Anvekar
Head of Dept. In-charge: Dr. J. B. Madalgi, Department of MCA, KLS GIT, Belagavi
Principal: Dr. M. S. Patil, KLS GIT, Belagavi
Chairman, Governing Council (KLS): Shri. R. K. Belgaumkar, KLS GIT, Belagavi
Chairman, Governing Council (MCA): Shri. P. N. Kathavi, KLS GIT, Belagavi



The post-lunch of the event ‘Rajatotsava’ was followed by a Tech-talk on ‘Quantum Computing’ by **Mr Gokul Alex**, Associate Director at KPMG India. In his talk Mr Alex elaborated that Quantum computing is an advanced field of computing that utilizes the principles of quantum mechanics, such as superposition and entanglement, to process information. Unlike classical computers, which use bits (0s and 1s), quantum computers use quantum bits or qubits, which can exist in multiple states simultaneously. This ability enables quantum computers to perform complex calculations much faster than classical systems. Although still in the early stages of development, quantum computing holds the potential to revolutionize areas like cryptography, drug discovery, and optimization problems by solving tasks that are currently too difficult for traditional computers.

EVENTS@MCA

‘RAJATOTSAVA - Celebrating The Past, Pioneering The Future’



The noon session finally ended with a mesmerizing **Technocrat Panel Discussion**. The panelists were the distinguished MCA Alumni **Mr Shridhar Purohit** who elaborated on types of jobs for MCA graduates; **Mr Suraj Vernekar** discussed on various departments in IT companies; **Mr Dhananjay Gayakwad** specified on technical jobs relevant for MCA graduates; and **Mr Sanket Kulkarni** and **Mrs Amruta Sanket Kulkarni** discussed on technical as well as non-technical jobs with their relevance and importance. The panel discussion provided a well-rounded perspective on the career landscape for MCA graduates, blending technical expertise with a broader understanding of the various roles within the IT industry. The insights shared by the panelists were invaluable for the attendees, equipping them with knowledge on how to navigate their career paths, whether they choose to pursue technical or non-technical positions. The session proved to be an enriching experience, leaving the audience inspired and well-prepared to embark on their professional journeys in the ever-evolving world of technology.

EVENTS@MCA

Gala Meet on the eve of RAJATOTSAVA



A spectacular **Gala Meet** with MCA department's alumni was organised on the eve of the historical, occasion of the '**Rajatotsava, Celebrating 25 Glorious Years!**' The event was held at the prestigious Hotel Sankam, and it brought together students, faculty, and alumni for an evening filled with nostalgia, creativity, and celebration.

The event commenced with vibrant cultural performances, highlighting the talent and creativity of the current students. The 1st and 3rd semester MCA students took the stage, presenting an array of performances that left the audience in awe. The cultural program, featuring traditional dances, musical acts etc. was a testament to the energy, enthusiasm, and artistic flair of the young minds shaping the future of the institution. The performances not only entertained but also displayed the diverse skills nurtured at the department, reinforcing the holistic approach to education that KLS Gogte Institute of Technology is renowned for.

EVENTS@MCA

Gala Meet on the eve of RAJATOTSAVA



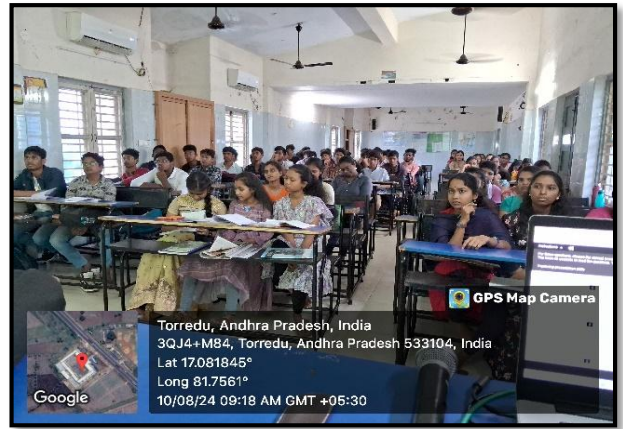
The alumni were all with smiles as they reconnected with old friends, exchanged stories of their time at the Institute, and discussed the significant advancements in the tech world since their graduation and also merrily danced.

As the night unfolded, the Gala Meet transitioned into a delightful dinner party. Guests were treated to a delectable spread of food, where faculty, students, and alumni mingled, shared stories, and celebrated the MCA department's impressive achievements. The dinner provided a perfect opportunity for networking and strengthening the ties that connect the institution's past, present, and future. The Rajatotsava celebration was not just a nostalgic reunion but a powerful reminder of the transformative impact that the MCA department has had on countless lives over the years. As the evening ended, it was clear that the spirit of KLS Gogte Institute of Technology's MCA department rooted in academic excellence, creative expression, and alumni engagement remains as strong as ever.

PUBLICATIONS

- **Mr Abhishek Nazare and Dr Sunita Padmannavar** published paper titled '**An Integrated Approach for Real-Time Gender and Age Classification in Video Inputs Using FaceNet and Deep Learning Techniques**' at International Journal of Advanced Computer Science and Applications(IJACSA), 15(7), 2024.
<http://dx.doi.org/10.14569/IJACSA.2024.01507112>.
- **Managuli, M., Managuli, S.C., Pujar, S., Swetha Goudar, Supriya Shanbhag, Uttam Deshpande** published paper titled '**Recoverable Data Hiding in Encrypted Images Through Extent Reversing Before Inscription**', J. Inst. Eng. India Ser. B (2024).
<https://doi.org/10.1007/s40031-024-01145-5>.
- **Rudragouda Patil, Shambhavi C. Kamkar, Swetha Indudhar Goudar**, published paper titled '**An Effective Analysis of Machine Learning Models for Prediction of Heart Disease**', 2024 Second International Conference on Network Multimedia and Information Technology (NMITCON)

FACULTY ACCOMPLISHMENTS



Ms Sheetal Bandekar as resource person at Krishna Pradeep's 21st Century Educational Society in Rajahmundry, Andhra Pradesh.

- **Prof. Sheetal S. Bandekar** from the Department of MCA was invited as a resource person by Krishna Pradeep's 21st Century Educational Society in Rajahmundry, Andhra Pradesh. She delivered an extensive 40-hour training on Cambridge Linguaskills Business English to 100 BA (Honours) students pursuing the integrated IAS Programme. The training was from 05 August 2024 to 10 August 2024. The comprehensive training covered essential topics including:
 - Grammar
 - General and Business Vocabulary
 - Standards for Punctuation, Numbers, and Grammar
 - Phonetics
 - Differences between American and British English
 - Enhancing Listening, Speaking, Reading, and Writing Skills through Activities
 - Training on Cambridge Linguaskills Business Test's Examination Pattern

FACULTY ACCOMPLISHMENTS



Professor at MCA Department and Dean R&D, Dr Shwetha Indudhar Goudar's Certification of Participation at 2nd IEEE International Conference at NITTE

- **Prof. Vijaylaxmi Patil** from the Department of MCA was invited as a Resource Person for Two Days FDP for KLE Society's BCA Institutions for the subject '**Java Programming**' on 27 August 2024 held at KLE Society's BBA College, Hubballi.

FACULTY ACCOMPLISHMENTS



- **Dr Swetha Goudar**, Dean R&D and Professor from the Department of received certificate of appreciation from the IEEE Computer Society, Bangalore Chapter for her valuable contributions through ideas and discussion the early phase of Think & Lead, Girls Geek 2024, organised by the IEEE Computer Society Bangalore Chapter.
- **Dr Jayashri B. Madalgi, Dr Pijush Barthakur, Prof. Vinod Kokitkar and Prof. Shivani Patankar** attended 10 days Online FDP on '**Advanced AI and ML Techniques for Cyber Security and digital forensics**' from 02-11 September 2024 organised by E&ICT Academy, NIT Warangal in association with KLE Institute of Technology, Huballi..
- **Prof. Vijayalaxmi Patil** completed an FDP on '**A Step by Step guide to write a good research paper**' from 19 – 30 September 2024 organised by Research Foundation of India.
- **Prof. Pavan Mitragotri** attended two week online FDP on '**Advanced AI and ML Techniques for Cyber Security and Digital Forensics**' from 2 - 11 September 2024 organised by E&ICT Academy in association with KLE Institute of Technology, Hubball.

PLACEMENTS@MCA

Accenture

1. Gautam Kukadolkar

Apra Labs

1. Niharika Nitin Sakhdeo

TechTree

1. Sunidhi Sunil Deshpande

TCS Digital

1. Teerthprasad Mallappa Aksharad
2. Vrushali Ravindra Patil

TCS Ninja

1. Chaitra Dayananda Kankanameli
2. Leeladhar Narendra Revankar
3. Mihir Milind Bondre
4. Nikhil Tulajaram Mahendrakar
5. Nikita Manoj Agarwal
6. Preeti Mutkekar
7. Samruddhi Umesh Jadhav
8. Shruti Subhash Mirje
9. Shruti Vijaykumar Jirage
10. Sneha Nivruti Melge
11. Varun Vinayak Revankar
12. Gautam Kukadolkar
13. Niharika Nitin Sakhdeo
14. Sunidhi Sunil Deshpande

We are glad to inform that from the last six months the total number of single offers is 16. Students **Mr Gautam Kukadolkar**, **Ms Niharika Nitin Sakhdeo** and **Ms Sunidhi Sunil Deshpande** from the 2024 batch have grabbed 2nd Offer in TCS Ninja. So the grand total number of offers in MCA is 19 offers.

STUDENT'S CORNER

The Power of Consistency

Consistency means doing something regularly without giving up. It may look simple, but it is the real key to success in life. A student who studies a little every day learns better than one who studies only before exams. In the same way, an athlete becomes strong by practicing daily, not by training once in a while.

Consistency builds habits. Small actions done again and again slowly create big results. A drop of water can make a hole in a stone if it keeps falling in the same place. In the same way, regular effort can overcome even the toughest challenges.

Great people in history achieved success because they stayed consistent. They worked hard every day, even when results were not visible at first. They failed many times, but they never stopped trying. That steady effort finally made them successful.

We often think success needs talent or luck, but the truth is, consistency is more powerful than both. Hard work done once may give temporary results, but hard work done every day builds lifelong success. It teaches patience, discipline, and self-confidence.

Consistency is like a slow but steady journey. It does not promise quick results, but it surely promises strong and lasting achievements. Even small steps, when taken every day, lead to big achievements over time. The key is to never give up, keep moving forward, and trust the process.

“Consistency may look small, but it creates the biggest success stories.”

Praveen H Bhusaraddi

MCA 1st Semester, B Division

Editors



Sheetal S Bandekar
Assistant Professor



Praveen Bhusaraddi
2GI24MC064



Bhagyashree S Patil
2GI24MC020

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