

Bapuji Educational Association (R.)

Bapuji Institute of Engineering & Technology
Davangere – 577004

(AFFILIATED TO VTU BELAGAVI, APPROVED BY AICTE, NEW DELHI)
ACCREDITED BY THE NAAC WITH 'A' GRADE

Department of Master of Computer Applications

MCA VOICE



...the best teachers educate young people for life, not school.

Institute Vision

“To be center of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention.”

Institute Mission

“BIET contributes to the growth and development of its students by imparting a board based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values.

Department Vision

“To be the source of bringing out globally competent pioneering computing professionals, researchers, innovators and entrepreneurs and there by succeed and Contribute value to the society”.

Department Mission

- To promote all-round growth of an individual by creating futuristic Environment that fosters critical thinking, dynamism and innovation to transform them into globally competitive professionals.
- To provide appropriate forums to develop innovative talents, practice ethical values and inculcate as enduring learners.
- To facilitate students to nurture skills to practice their professions competently to meet the ever-changing needs of society.

- To promote all-round growth of an individual by creating futuristic environment that fosters critical thinking, dynamism and innovation to transform them into globally competitive professionals.
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Program Educational Objectives (PEOs):

- To be successful in identifying, understanding, formulating, analyzing and solving variety of problems in the field of Computer Applications.
- To provide students various computing skills like the analysis, design and development of innovative software products to meet the industry needs.
- To motivate students to pursue lifelong learning and to do Collaborative research and computing professional scientists.
- To motivate students to communicate and function ethically, effectively in teams in multidisciplinary fields within the global, societal and environment context.

Program Specific Outcomes(PSO's)

- Analyse, design, develop and optimize solutions in C++, Unix and Shell Programming, DBMS, JAVA, Dot Net platforms and Advanced Web Technologies.
- Apply concepts in core areas of computer science - Data structures, Database management systems, operating systems, computer Architecture and software engineering to solve technical issues.

About the Department

Master of Computer Applications (MCA) is started in the year 1992 with an annual intake 60 students, creating current demand and the needs of present software industries. Staff members are qualified experienced.

The department has well equipped laboratories with IT facilities. So far 1200 students Graduated from MCA department are well placed in various national and multinational companies. The department is responsible for producing top grade software engineers with skill sets comparable with the best in the world.

NEWS LETTER COMMITTEE

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It gives me immense pleasure to share the thoughts pertaining to the department of Master of computer Applications through its Annual Newsletter Tech Messenger. I feel it's a great opportunity to exhibit the hidden talents and skills rendered by the students and the whole department. Hope the Newsletter is one such means.

So, I extend my heart filled best wishes to everyone involved in bringing out the true essence and stepping onto its next level.

Congratulations to everyone involved and wishing a grand success ahead.

Dr. M.PRASAD
Associate Professor and Head
Dept. of MCA

Department Activities

“Artificial Intelligence in Robotics and Home Appliances”, 18th March 2021, **Mr. Ranjith Nair, CEO, Tech RK**



- Webinar on “**IoT made easy**” organized by MCA Forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere conducted on 28th June 2021.

Faculty Participation

Dr. M.PRASAD

Associate Professor & HOD

MCA Dept, BIET, Davangere

BOE-Member

- Dr. M. Prasad Appointed as BOE of MCA Board , VTU for the year 2020-2021

Seminar/Workshop/Webinar

- Introduction to IOT and Prototypes, 25-9-2019 to 27-9-2019 at BIET,Davangere.
- Role of IOT in Smart Cities, 12-3-2019 at BIET,Davangere.
- NIRF workshop on 05-11-2020 actively participated in the online webinar on NIRF conducted by ICT Academy
- NIRF – 2020 “What does it take to Excel?” WEBINAR ,KPMG & ICT ACADEMY, INDIA , 27-6-2020.
- Three days online Faculty Development Program(FDP) on” Online Teaching & Learning Tools Organized By Ambedkar Institute of Technology , Bangalore.
- Attended BOE online meeting conducted by VTU, Belagavi on 6-11-2020.

Paper Reviewer

- Dr. M.Prasad , have Reviewed the papers of International Conference on Smart Technologies in Computing , Electrical and Electronics Dated :- 09-10 Oct.,2020 at IEEE(Bangalore Section) & Reva University

Mohamed Sadiq .B
Assistant Professor
MCA Dept, BIET, Davangere

Ph.D Work

- 1. Ph.D Course Work Completed**

Workshop/Webinars

- 1. Artificial Intelligence in Robotics and Home Appliances”, 18th March 2021, Mr. Ranjith Nair, CEO, Tech RK**
- 2. Introduction to IOT and Prototypes, 25-9-2019 to 27-9-2019 at BIET, Davangere.**
- 3. Role of IOT in Smart Cities, 12-3-2019 at BIET, Davangere**

Geetha .M
Assistant Professor
MCA Dept, BIET, Davangere

Book Chapters:

1. Published book chapter in IGI global solutions “Deep Learning solutions for Agricultural and Farming Activities” 2020. Devika, Dr.Asha gowda, Geetha M.
2. Published book chapter in IGI global solutions “Applications of ANN for Agriculture using Remote Sensed Data” 2020, Geetha M, Dr.Asha gowda, Dr.Nandeeshha and Devika.

Workshop/Webinars

1. Participated in one day seminar on “Recent Trends in Geospatial Technology and its Applications in Agriculture on 16 Dec 2020 organized by Dept. of agriculture School of Agriculture and Biosciences, Karuna Institute of Technology & Sciences, Coimbatore.
2. Participated online webinar entitled “REMOTE LAB PLATFORM FOR HARDWARE CIRCUIT EXPERIMENTS” held on **10/11/2020** organized by the Department of Electronics and Communication Engineering in association with Institution of Engineers (India), Davangere Local centre, Davangere.
3. Participated one day webinar on “Scientific writing for Journals” organized by Springer nature in collaboration with VTU Consortium on 30th Sep 2020.
4. Participated in five days AICTE Training and Learning (ATAL) Academy on line FDP on “GIS & Remote Sensing” from 21st to 25th Sept 2020 at engineering college of Bikaner.
5. Participated in one week workshop on Deep Learning Architectures for Image Processing Applications organized by Jawaharlal Nehru National College of Engineering, Shivamogga from 27-07-2020 to 31-07-2020.
6. Participated in the three days online Faculty Development Program(FDP) on “Online Teaching and Learning Tools” on 22nd to 24th July 2020 organized by Department of MCA, Dr. Ambedkar Institute of Technology, Bengaluru.
7. Participated in the three days online crash course on Digital Image Processing using Python-Open CV conducted by SCS-India during the period 17-07-2020 to 19-07-2020.

8. Participated in 7001-Online certificate course on “Remote Sensing and GIS Technology and Applications for University Teachers and Government officials” from June 13th to July 1st 2020 at Indian Institute of Remote Sensing (IIRS), Dehradun.
9. Participated in two days webinar on Cloud Computing organized by dept. of IS & E, BIET, Davangere through webex meetings on 15/5/2020 and 16/5/2020.
10. Participated in the two days online workshop on Faculty Development Program(FDP) on “Recent Trends in Information Science and Technology” on 15th and 16th May 2020 through Cisco Webex Meet organized by IS&E department , BIET, Davangere in association with TCS Bangalore.
11. Participated in the three days’ Workshop on “Introduction to IoT and its Prototypes” on 25th, 26th and 27th September 2019 organized by MCA forum, Department of Master of Computer Applications(MCA), Bapuji Institute of Engineering and Technology, Davangere.
12. Participated in the one day Seminar on “**Role of IoT in Smart Cities**” on 12th March 2019, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere.
13. Participated in the five days’ Workshop on “**Effective Teaching**” from 15-07-2019 to 19-07-2019, Organized by IS&E Department, BIET, Davangere in association with National Institute of Technical Teacher’s Training & Research(NTTTR), Kolkata.
14. Attended two weeks training course on “**Remote Sensing Applications for Land Resources Management**” at National Remote Sensing Centre, Hyderabad from July 1st 2019 to July 12th 2019.

Dr.Shankaragowda B.B.
Assistant Professor,
Department of MCA.

International Journal:

Dr.Shankaragowda B.B., “Brain Tumor Detection, Feature Extraction and Classification from Magnetic Resonance Image (MRI) using Ensemble Classifier,” International Journal of Innovative Science and Research Technology, Vol. 6, Issue 2,pp.294-300 February 2021.

Participated : FDP/Seminar/Workshop/Webinar:

- Participated One Week Online Faculty Development Programme on “**Trends in Data Science**”, Organized by Department of Master of Computer Applications, JNN College of Engineering, Shivamogga, Karnataka, in association with The Institution of Electronics and Telecommunication Engineers(IETE) conducted from 10-08-2020 to 14-08-2020.
- Participated in the Webinar on “**Awareness on Cyber Crime: Prevention and Detection**” on 15th December, 2020 organized by Visvesvaraya Technological University, “Jnana Sangama”, Belagavi.

MCA Forum:

- One day Seminar on “**Artificial Intelligence in Robotics & Home Appliances**”, organized by MCA Forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere conducted on 18th March 2021.
- Webinar on “**IoT made easy**” organized by MCA Forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere conducted on 28th June 2021.

Sl. No.	Name of the Teacher (s)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1	Dr.Shankaragowda B.B.	International Journal of Innovative Science and Research Technology(IJISRT)	“Brain Tumor Detection, Feature Extraction and Classification from Magnetic Resonance Image (MRI) using Ensemble Classifier,”	Vol. 6, Issue 2, February 2021. pp294-300.	International Journal	-
		RFID Based Contactless Attendance Monitoring System	E&CE, GMIT, Davangere	15 th and 16 th July 2021	Deputed	02

		Face Recognition based Car Ignition System	E&CE, GMIT, Davangere	15 th and 16 th July 2021	Deputed	-
		Workshop on FDP on Recent Trends in Information Science and Technology	IS&E, BIET, Davangere	15 th and 16 th May 2020	Deputed	-
		Webinar on “Post COVID-19: Science and Technology”	SRM University, Andra Pradesh	29 th May 2020	Deputed	-
		Webinar on “Effective Utilization of Research Publication through knimbus Digital Library	JIT, Davangere	25 th June 2020	Deputed	
		Webinar on “DevOps”	MCA, PESCE, Mondya	18 th July 2020	Deputed	
		Webinar on “The Power of You”	AMC Engineering College, Bengaluru	21 st July 2020	Deputed	
		FDP on Online Teaching and Learning Tool	MCA, DR. Ambedkar Institute of Technology, Bengaluru	22 nd and 24 th July 2020	Deputed	
		Webinar on “Effective ways of writing research article	SRM University, Andra Pradesh	25 th July 2020	Deputed	
		FDP on “Trends in Data Science”	MCA, JNNCE, Shivamogga	10 th August to 14 th August 2020	Deputed	
		Webinar on “Awareness pm Cyber Crime: Prevention and Detection”	VTU, Belagavi	15 th December 2020	Deputed	
		“Awareness Webinar on Outcome Based Education and Accreditation for Engineering colleges and Deemed to be University in Karnataka”	VTU, Belagavi	16 th February 2021	Deputed	
		Seminar on “Artificial Intelligence in Robotics and Home Appliances”	MCA, BIET, Davangere	18 th March 2021	Deputed	

Department Activities



Alumni Corner



SOFTWARE ENGG

Miss. POOJA H.G is a proud Alumnus of department of Master of Computer Applications , completed her Post graduation in MCA in the year of 2019. Presently working as Associate Software Engineer , TCS , Bangalore.



Karthik H M

System Engineer

Mr Karthik H M is a proud Alumnus of department of Master of Computer Applications , completed his Post graduation in MCA in the year of 2018 . Presently working as System Engineer , SAP HCM Functional Consultant TATA Consultancy Services Pvt. Ltd