



Global Academy of Technology, BENGALURU
Autonomous institute, affiliated to VTU

1. Name of the Institution

Global Academy of Technology.

Rajarajeshwarinagar, (off Mysore Road), Ideal Homes Township
Bangalore - 560 098, Karnataka, India.
Telephone: +91-80-28603158/57
Principal Mobile: +91-9591510211
Email: principal@gat.ac.in

2. Name and address of the Trust/ Society/ Company and the Trustees

NATIONAL EDUCATION FOUNDATION,

Rajarajeshwarinagar, (off Mysore Road), Ideal Homes Township
Bangalore - 560 098, Karnataka, India.
Telephone: +91-80-28603158/57
Email: srmgr.nef@gat.ac.in

3. Name and Address of the Principal

Principal: Dr. H.B.BALAKRISHNA

Address: Rajarajeshwarinagar, (off Mysore Road), Ideal Homes Township
Bangalore - 560 098, Karnataka, India.
Telephone: +91-80-28603158/57
Principal Mobile: +91-9845395535
Email: principal@gat.ac.in

4. Name of the affiliating University

Visvesvaraya Technological University

JnanaSangama, VTU Main Rd,
Machhe, Belgaum, Karnataka 590018

5. Governance

Members of the Board and their brief background

<https://gat.ac.in/governing-body>

Members of Academic Advisory Body

The Following are the members of Academic Council of Global Academy of Technology, Bengaluru

SN	Name of the Expert	Designation	Affiliation
1	Dr. H B Balakrishna	Principal Chairman	Global Academy of Technology, Bengaluru 560 098 Mobile: 9845395535 Email: principal@gat.ac.in
2	Dr. V S Giri	Professor & Head VTU Nominee	Dept. Of Industrial Eng. and Management, BIT Bangalore 560 004 Mobile: 9342051996 Email: vsgiri.bit@gmail.com



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3	Dr. Ravikumar GK	Principal VTU Nominee	BGS college of Engineering, Mahalaxmipuram, Bangalore 560 086 Mobile: 9972094249 Email: principal@bgscet.ac.in
4	Dr. S Muralidhara	Principal VTU Nominee	BMS college of Engineering, Bangalore Mobile: 9845942068 Email: smuralidharabms@gmail.com
5	Dr. Shekar Verma	Dean (Infrastructure and planning Special development affairs) Academic Expert	IIIT, Allahabad Mobile: 9450965536 Email: Sverma@iiita.ac.in
6	Dr. Pratap K S	Staff UX Researcher, Industry Expert - Alumni	Google IT Services India Pvt. Ltd. RMZ Infinity, Bengaluru Mobile: +919886245376 Email: pratapks@google.com
7	Mr. Vishwas Bharadwaj	Senior Specialist - Data and Analytics Industry Expert - Alumni	LTI Mindtree, Bengaluru Mobile: 9964120048 Email: vishwas.b33@gmail.com
8	Mr. Shivaram K R	Co-Founder &CEO Industry Expert	Curl Analytics, Bengaluru Mobile: 7829915776 Email: shiv@hue.tech
9	Dr. N Venkatesh Kumar	Prof. & Head, Dept. of MBA Member	Global Academy of Technology, Bengaluru- 560098. Mobile: 9448018675 Email: hodmba@gat.ac.in
10	Dr. V Bharath	Prof. & Head, Mechanical Engineering Member	Global Academy of Technology, Bengaluru- 560098. Mobile: 9986579555 Email: bharat.vk@gat.ac.in
11	Dr. Manjunatha Reddy H S	Prof. & Head, ECE Dept. Member	Global Academy of Technology, Bengaluru- 560098. Email: manjunathareddy.hs@gat.ac.in Mobile: 9448681994
12	Dr. Deepika Masand	Prof. & Head, EEE	Global Academy of Technology, Bengaluru- 560098.



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		Member	hodeee@gat.ac.in 9425602587
13	Dr. Kumaraswamy S	Prof. & Head, CSE Member	Global Academy of Technology, Bengaluru-560098. skswamy@gat.ac.in 9886363412
14	Dr. Kiran Y C	Prof. & Head, ISE Member	Global Academy of Technology, Bengaluru-560098. dr.kiranyc@gat.ac.in 9448166135
15	Dr. Chandramma R	Prof. & Head, CSE (AIML) Member	Global Academy of Technology, Bengaluru-560098. r.chandramma@gat.ac.in 9901922114
16	Dr. Bino Prince Raja D	Prof. & Head, AE Member	Global Academy of Technology, Bengaluru-560098. binoaero87@gmail.com 9715808525
17	Dr. Girish Rao Salanke N S	Prof. & Head, AIDS Member	Global Academy of Technology, Bengaluru-560098. girishraosalanke@gat.ac.in 9845458667
18	Dr. Roopa B S	Prof. & Head, AIML Member	Global Academy of Technology, Bengaluru-560098. roopabs@gat.ac.in 9980414396
19	Dr. Allama Prabhu K	Prof. & Head, Civil Member	Global Academy of Technology, Bengaluru-560098 prabhukamatagi@gat.ac.in 9844243511
20	Dr. Anil P N	Prof. & Head, CoE Mathematics Member	Global Academy of Technology, Bengaluru-560098. anilpn@gat.ac.in 9019668587
21	Dr. Raju N V	Prof. & Head, Physics Member	Global Academy of Technology, Bengaluru-560098. raju_nv@gat.ac.in 990010788
22	Dr. Remya	Prof. & Head,	Global Academy of Technology, Bengaluru-



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		Chemistry Member	560098. suman@gat.ac.in 9901028760
23	Dr. Ravi J	Professor, ECE Member	Global Academy of Technology, Bengaluru-560098. ravi.j@gat.ac.in 9481252624
24	Dr. Rajashekhar Swamy H M	Dean Academics Member Convenor	Global Academy of Technology, Bengaluru-560098. Mobile: 8095503309 Email: rajashekharSwamy@gat.ac.in



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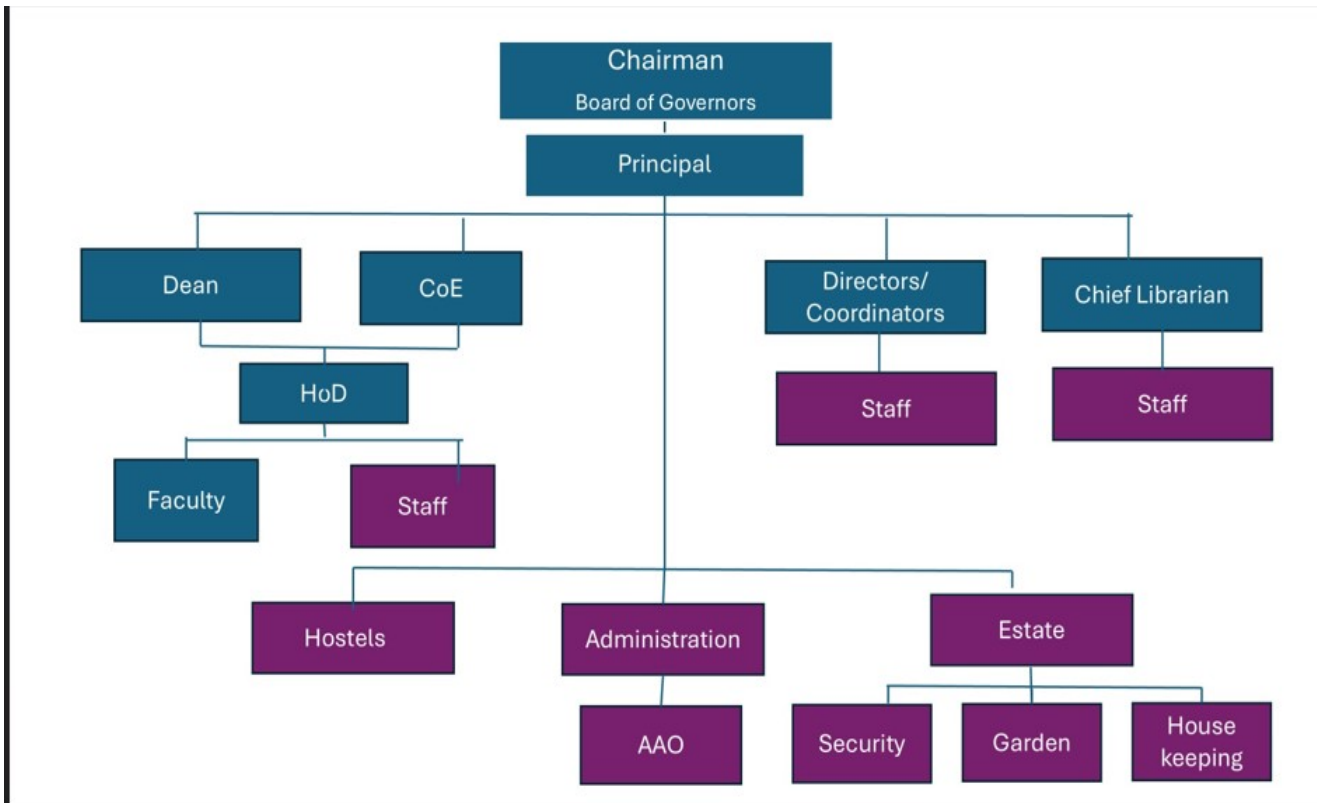
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Frequently of the Board Meeting and Academic Advisory Body

The Governing Council meets at least once in an Academic Year.
Academic Advisory Body meets at least once in an Academic Year

Organizational chart and processes

The college has a well-structured organizational structure which clearly shows the people responsible for various tasks and the levels of supervision. The Governing Body is the highest body of the college, and it is supreme decision making body. The Governing Body of the college meets at least two times in a year. In the governing body several issues pertaining to various academic and administrative matters were taken up, discussed and appropriate decision taken keeping the student development as its pivotal agenda.





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Student Feedback on Institutional Governance/ Faculty performance

Well-established feedback is in place and is operating very effectively. The main features of this system are.

- Every semester there are 2 feedbacks obtained from the students each of the subject being taught by faculty members.
- The first feedback pertains to only the subject being taught by the faculty.
- The Second feedback also includes an institutional, Principal and HODs feedback.
- The feedback collected is analyzed using a formula and this analysis indicates the percentage score for each of the individuals. This analysis clearly indicates the parameters in which a teacher is good or otherwise.
- The management has decided to keep benchmark of 60% and all those who secure above 60% are considered in the good lot.
- Those who secure 59% and below are considered for counseling and repeaters are dealt with in a specific way as per the guidelines of the management.

The feedback mechanism starts with an awareness to the students about the feedback its objectives and usage. The teachers and students' data is provided to the organization handling the feedback and they in turn give a specific ID to each students. Thereafter on a specified data students are informed to provide online feedback of 10 questions pertaining to individual teacher on a parameter of Excellent, Very good, Good, Fair and Poor. This information is converted into percentage and every teacher is indicated about the percentage he/she has secured in the feedback for a particular paper being handled. Specific teachers who have secured less than 60% are counseled by a team of senior management to improve their performance.

Internal Quality Assurance Cell

The College established the Internal Quality Assurance Cell (IQAC) during March 2014. The IQAC is an integral part of the college which works towards realizing the goals of quality enhancement by developing a system for conscious, consistent and catalytic improvement in different aspects of functioning of the college. The prime responsibility of IQAC is to initiate, plan and supervise various activities that are obligatory to increase the quality of the education imparted in the college. The role of IQAC in maintaining quality standards in teaching-learning processes and evaluation becomes crucial. The IQAC Cell strategically ensures the quality of teaching-learning practices through initiatives and measures such as Faculty Self-Appraisal, FDPs, and Training Programs for Non-Teaching, Workshops on OBE, Academic and Administrative Audit. Thus the IQAC monitors the continuous quality improvement of the academic processes. The Director, IQAC is part of all major committees and bodies where important academic, administrative and student centric procedures are evolved. Facilitating Academic Audit, preparing Annual Report, participating in NIRF, NBA, Affiliation and other quality audit process are some of the few activities regularly undertaken by IQAC. The Cell documents and reports activities of the college for various higher education requirements.



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6. Programmes

Name of Programmes approved by AICTE

1	B.E.	CV	Civil Engineering
2	B.E.	ME	Mechanical Engineering
3	B.E.	EE	Electrical & Electronics Engineering
4	B.E.	EC	Electronics & Communications Engineering
5	B.E.	CS	Computer Science & Engineering
6	B.E.	CS-AIML	Computer Science & Engg. (AI & ML)
7	B.E.	IS	Information Science & Engineering
8	B.E.	AE	Aeronautical Engineering
9	B.E.	AIML	Artificial Intelligence and Machine learning
10	B.E.	AI&DS	Artificial Intelligence and Data Science
11	MBA	MBA	Business Administration
12	M.Tech	CSE	Computer Science & Engineering
13	M.Tech	SE	Structural Engineering



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Name of Programmes Accredited NBA

NBA ACREDITATION STATUS OF UG PROGRAMS			
SNo	Programme	From	To
1	Mechanical Engineering	01-07-2019	30-06-2025
2	Electrical & Electronics Engineering	01-07-2019	30-06-2025
3	Electronics & Communications Engineering	01-07-2019	30-06-2025
4	Computer Science & Engineering	01-07-2019	30-06-2025
5	Information Science & Engineering	01-07-2019	30-06-2025
6	Civil Engineering	01.07.2022	30-06-2025



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For each Programme the following details are to be given:

1

Course	UG - B. Tech -Civil		
Number of Seats	120		
Duration	4 years		
Placement Facilities	yes		
Campus placement in last two years with minimum salary, maximum salary and average salary		2020-21	2021-22
	Number of placements	7	15
	Minimum Salary	3.00	3.00
	Maximum Salary	6.60	7.00
	Average	3.60	3.80

2

Course	UG - B. Tech- Mechanical		
Number of Seats	120		
Duration	4 years		
Placement Facilities	yes		
Campus placement in last two years with minimum salary, maximum salary and average salary		2020-21	2021-22
	Number of placements	27	45
	Minimum Salary	3.00	3.30
	Maximum Salary	7.00	10.00
	Average	3.80	4.00



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3.

Course	UG - B. Tech- EEE		
Number of Seats	60		
Duration	4 years		
Placement Facilities	yes		
Campus placement in last two years with minimum salary, maximum salary and average salary		2020-21	2021-22
	Number of placements	19	47
	Minimum Salary	3.30	3.50
	Maximum Salary	11.00	20.00
	Average	3.80	4.00

4

Course	UG - B. Tech- ECE		
Number of Seats	180		
Duration	4 years		
Placement Facilities	yes		
Campus placement in last two years with minimum salary, maximum salary and average salary		2020-21	2021-22
	Number of placements	104	258
	Minimum Salary	3.30	3.50
	Maximum Salary	15.00	20.00
	Average	3.80	4.00



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5.

Course	UG - B. Tech- CSE		
Number of Seats	180		
Duration	4 years		
Placement Facilities	yes		
Campus placement in last two years with minimum salary, maximum salary and average salary		2020-21	2021-22
	Number of placements	187	303
	Minimum Salary	3.30	3.50
	Maximum Salary	15.00	20.00
	Average	4.00	4.20

6.

Course	UG - B. Tech- ISE		
Number of Seats	60		
Duration	4 years		
Placement Facilities	yes		
Campus placement in last two years with minimum salary, maximum salary and average salary		2020-21	2021-22
	Number of placements	41	113
	Minimum Salary	3.30	3.50
	Maximum Salary	15.00	20.00
	Average	4.00	4.20



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Profile of Principal

RESUME

Dr. H.B.BALAKRISHNA
Principal, Global Academy of Technology

Academic Senate Member – VTU

BOS Chairman – CV, TR, EV, CT

Global Academy of Technology,
Ideal Homes Township, R R Nagar,
Bangalore – 560098

Residence:

#250/J-14, 2ND C main, 2ND B Cross,
4th Phase, Girinagar,
Bangalore – 560 085
98453 95535

E-mail: balubit@gmail.com



ENGINEERING PROFILE

Civil engineer, with over 35 years of experience, in the field of teaching, design and construction of buildings, watershed management, environmental impact assessment, and other related fields of civil engineering. As a professor, taught civil engineering subjects like, Fluid Mechanics, Hydraulics and Hydraulic Machines, Engineering Hydrology, Irrigation and Hydraulic Structures, Photogrammetry and Remote Sensing, Geographic Information system, Bridge Engineering, etc. Successful in encouraging students of civil engineering to take up projects in the field of water resources management, Environmental Engineering, etc. Mean while deputed to Indian Institute of Information Technology to undergo training on computer related subjects. Instrumental in opening Information Science and Engineering Department and Master of Computer application course in Bangalore Institute of Technology. Taught Software engineering, Object oriented system development, C and C++ languages. Technical visits and tours are conducted for students to enhance their practical knowledge. Workshops, seminars, technical competitions are regularly conducted to create an opportunity for students to meet the experts in various fields of civil engineering. Undergone training in Indian Institute of Technology, Mumbai, in the field of Earthquake Engineering. Trained in Green Infrastructure management from Indian Institute of Technology, Kharagpur, West Bengal.

PROFESSIONAL EXPERIENCE

Associated with various civil engineering consultants and organizations, in the design, estimation, supervision, preparation of tender documents for civil engineering works, especially for the lake development, ecosystem management, etc. Participated in national and international seminars and conferences in the field of environment and water resources engineering. Published about 37 research papers in the national and international seminars, Journals and conferences. Conducted technical lectures by experts in various fields of civil engineering as member of ACCE (I) and Secretary of civil engineering association. Office bearer of ACHMM (India) since 2006 and has conducted many international events. Organized international event **STARTUP INDIA – STARTUP PORTUGAL** program in BIT.

As a student, involved in many activities like NSS, participated in many social service program conducted by NSS. Actively took part in the sports activities like hockey, ball badminton, shuttle badminton and was the college team captain for badminton game.

COUNTRIES VISITED



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Japan, Hong Kong, Nepal, United states of America (Washington D.C, Philadelphia, Atlantic city, New Jersey, New York, Niagara, Las Vegas, Grand Canyon, Las Angeles, San Francisco), Mauritius.

EDUCATIONAL QUALIFICATIONS

B.E. (Civil Engineering)

Year of Passing : 1985
Name of Institute : Malnad college of Engineering, Hassan
University : Mysore University
Percentage : 70
Result : First Class with Distinction

Post Graduate Diploma in Computer Programming (P.G.D.C.P)

Year of Passing : 1988
Name of Institute : Malnad college of Engineering, Hassan
University : Mysore University
Percentage : 66

M.TECH (MARINE STRUCTURES)

Year of Passing : 1991
Name of Institute : Karnataka Regional Engineering College (K.R.E.C), Surathkal
University : Mangalore University-
Percentage : 73
Result : First Class with Distinction

Ph.D., (Civil Engineering)

Bangalore University : Awarded in January 2009
Title : **Spatial decision support system for watershed management using Remote Sensing and Geographic Information System** under the guidance of **Dr. A. S. Ravikumar M. Tech., Ph. D (IISc, Bangalore)**
Assistant Professor, Department of Civil Engineering, U.V.C.E., Jnanabharathi, Bangalore.

PROFESSIONAL EXPERIENCE

- Dean – Academics, BIT, since 26.10.2021 till date
- Professor & Head, Civil Engineering Department since 14.06.2018 to 26.10.2021
- Training & Placement Officer, since 12.11.2014 to 13.06.2018
- **Professor** in civil Engineering Dept. since 16.01.2009 to 12.11.2014
- **Assistant professor** in civil Engineering Dept. since 28.04.2003 to 25.03.2009.
- **Senior Grade Lecturer** at B.I.T., Bangalore from 28.04.1998 to 27.04.2003.
- **Lecturer** at B.I.T., Bangalore from 30.10.1991. To 28.04.1998.
- **Lecturer** at M.C.E. Hassan for about 3 years in Civil Engineering Dept.

Meanwhile, I have worked in the department of Architecture, B.I.T for about one year. Responsible for opening Department of Information Science and Engineering and Master of Computer Application in B.I.T. Also, I have worked in the Department of I.S.E, BIT for about two years. Training and Placement officer at BIT for about four years
Also I have taught B. Sc. students in V V Pura Science College for about three years. IGNOU faculty counselor in BIT to teach BCA and MCA students.

RESPONSIBILITIES TAKEN IN OUR ORGANIZATION

- ✓ As a member of the committee created the facility for I/II semester computer lab in second floor main building in 1994. In charge of the same lab till 2000.



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- ✓ Appointed as faculty to teach FORTRAN and COBOL computer languages for B. Sc. Computer Science students of V V Pura Science college from 1996 to 1999
- ✓ Member of staff welfare committee of BIT
- ✓ Deputed to Architecture department in BIT to teach civil engineering subjects for one year
- ✓ As per the directions of RVS created the facility for ISE and MCA Department in BIT. The computers were assembled for MCA department and saved around Rs. 8 Lakhs in 2000. The facilities were created as per the AICTE requirement within short duration.
- ✓ Deputed to ISE department for a period of two years since the faculties available were less. I was selected by government of Karnataka for short term training course to teach computer related subjects in IITB, Bangalore
- ✓ Deputed as Training and Placement officer in BIT for a period of four years. The number of companies visiting for recruitment and internship crossed 100. Mr. Gangeshwar Krishnamurthy of Computer Science and Engineering was selected for paid internship at Microsoft in Singapore. Now he is Co-Founder & CTO at MindFi in Singapore. Encouraged students to conduct technical and cultural activities.
- ✓ Appointed as Governing Council member of BIT in 2014. Implemented transparent change of branch procedure for students in third semester. Encouraged staff members to conduct events at BIT.
- ✓ I have monitored and assisted Principal BIT in academic and administrative issues.
- ✓ As HOD of Civil Engineering department since July 2018 worked for NBA and successful in getting accreditation for three years.
- ✓ I was given the responsibility of conducting Land Survey Summit in 2013. It was completely sponsored by Association of Engineering and Surveying Consultants, Bengaluru and the budget was RS. 10 Lakhs.
- ✓ I was given the responsibility of conducting 8th Annual KSTA conference at BIT. Around 1500 delegates participated from all over India and abroad. The budget was around Rs. 27 Lakhs which was sponsored by KSTA. Prof. U R Rao, Chairman of KSTA appreciated us for successful conduction.
- ✓ Conducted an international event STARTUP INDIA and STARTUP PORTUGAL program at BIT on 9th January 2017. Prime minister of Portugal H. E. Antonio Costa and Central Minister Sri. M J Akbar were the chief guests. Co-ordinated with Government of India and Government of Karnataka to conduct this program. Around 350 companies participated in this program. Appreciation letter was received by Prime minister of Portugal for successful conduction of this program.
- ✓ As a coordinator conducted Workshop on A-VIEW – Amrita Virtual Interactive E-Learning World and Launch of online Certification Course on “Intellectual Property rights” sponsored by VTU was conducted on 19.02.2018 at BIT.
- ✓ As faculty coordinator for various student clubs conducted events.
- ✓ VOICE, a club to address the Girl and women grievance was inaugurated at BIT with the support of NGO.
- ✓ Conducted evening lectures/talks by industry experts through professional organizations like ACCE (I) and ICI.
- ✓ Initiated celebrations of World Water Day on 22nd March and Engineers day on 15th September every year. Students actively participate and exhibit their talent in the form of articles and models. Civil department newsletter NAGARIKA will be released on this occasion.
- ✓ Two Guinness World record events were conducted at BIT with the support of Rotary clubs and received the certificates. One for Blood donation and another for Diabetic awareness.
- ✓ As an office bearer of ACHMM India chapter conducting events regularly since 2006. American delegates visit India on their own and share their expertise with students and industrialists by conducting workshop or conference.



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- ✓ As coordinator for BIT techno-cultural fest MANTHAN I have set a procedure to conduct the events by assigning faculty coordinators for each event. This has helped in conducting the event hassle-free.
- ✓ As a staff coordinator took students for field visits and technical tour. We have visited major dams, highway projects, BMRCL work, residential and commercial buildings.
- ✓ As HOD of civil engineering signed MOU with 15 companies to help students in their internship, project and site visits. This helps mainly to share knowledge and experiences of industry experts.

COMPUTER KNOWLEDGE

Programming Languages : BASIC, FORTRAN 77, C, C++

Systems worked on : PC – XT, PC – AT, Pentium – I, II, III, IV

OMC Work station, Windows NT

Software : STAAD III, Surfer – Graphics Package, Arc View GIS 3.2,
ARC GIS 9.2, ERDAS Imagine 8.7, AUTOCAD MAP 2000

Others : M. S. Office, Windows 10, MATLAB

PROFESSIONAL AFFILIATION

- Fellow, Institute of Engineers, INDIA, F-120128-6
- Life Member, Indian Society for Technical Education (M.I.S.T.E), 1989, LM 2941
- Life Member, Indian Association for Environmental Management (M.I.A.E.M), LM 826
- Life Member, Academy of Hazardous Material Managers, India Chapter
- Life member, Indian Society for Remote Sensing, LM 3223
- Fellow, Indian Water Works Association, 09.01.2013, LF 1147
- Fellow, Association of Consulting Civil Engineers (India) 1968-F, 14.03.2008
- Life member, Indian Concrete Institute L.M. No. 11309
- Life member, Indian Society of Hospital Waste Management LM-448
- Fellow – Indian Association of Hydrologists, Roorkee FM - 246

PAPERS PUBLISHED

1. "Some studies on water resources development in Devihalli watershed", National Seminar on Water Resources development and Management, Feb 10 – 12, 1988, R.E.C. Rourkela – 769 008.
2. **"Evaluation Of Morphometric Parameters Of T G Halli Catchment Using RS And GIS", International Conference on Hydrology an Watershed Management, 5th – 8th, Dec, 2006 at JNTU, Hyderabad.**
3. "Estimation Of Morphometric Parameters Of T G Halli Catchment Using RS And GIS", National Conference on Emerging Technologies in Civil Engineering for Sustainable Development on 27th – 29th, Dec, 2006 at SRKR Engg. College, Bhimavaram, A.P.
4. "Runoff Estimation Using Rs And Gis For T G Halli Catchment", National Conference on Focussing on Advances in Civil Engineering, 17th – 19th, Jan, 2007 at T.K.M.C.E, Kollam, Kerala.
5. "Runoff and Soil Loss Estimation Using RS and GIS for Watershed Development", National conference on Watershed Management And Impact of Environmental Changes on Water Resources (WMEC – 2007), Department of Civil Engineering, JNTU college of Engineering, Hyderabad–560 085, AP, India.
6. "Morphometric Analysis of Hesaraghatta Watershed Using RS and GIS", National Conference on Emerging Trends in Civil Engineering (ETCE – 07), Department of Civil Engineering, SSIT, Tumkur- 572 105, Karnataka.
7. "Geospatial Analysis of T.G.Halli Catchment using RS and GIS", International Conference on Environmental Management: Scenario and Strategies to 2020 (EMASS 2020), December, 26 – 27, 2008, Department of civil engineering and Applied mechanics, Ujjain Engineering college, M.P, India



8. "Environmental Change Assessment through RS and GIS", National Seminar on Hazardous Materials Management, Feb, 4 -5, 2008, Department of civil engineering, Bangalore Institute of Technology, Bangalore, India.
9. **"Soil Conservation Measures using Remote Sensing and GIS Techniques", National conference on Advances in Civil Engineering (ACE-08), March, 9-10, 2008, Department of Civil Engineering, Anjuman Engineering College, Bhatkal, Karnataka.**
10. **"Land Use Capability Classification using RS and GIS", National Conference on Infrastructure Development in Civil Engineering (IDCE – 2008), May, 16-17, 2008, Department of Civil Engineering, N.I.T., Hamirpur, H.P, India**
11. **"Watershed Prioritization for Catchment Management Using RS and GIS", European International Symposium on Remote Sensing (ERS09), 31 August – 3 September, 2009, Berlin, Germany**
12. **"Watershed Prioritization for Soil Conservation Using RS and GIS", DAAD Sponsored GAWN International Seminar on Water and Biodiversity, November 2-5, 2009, Bangalore, India**
13. **"Watershed Prioritization for Soil Conservation Using RS and GIS", National seminar on Geospatial Solutions for Resource Conservation and Management, Jan 18-19, 2012, KRSRAC, Bangalore**
14. **"Remote Sensing and GIS Applications in Civil Engineering", Land Survey Summit, National Seminar and Exhibition, Association of Engineering and Surveying Consultants (AESC) in association with GIS India and BIT, May 9th and 10th 2013.**
15. "Morphometric Analysis of Vrishabhavathi Watershed Using Remote Sensing and GIS", IJRET, Vol. 2, Issue 11, November – 2013. e-ISSN: 2319-1163 p-ISSN: 2321-7308.
16. "Watershed Prioritization For Sustainable Management Using Remote Sensing and Geographic Information System", Minamata International SympoSium on Environment and Energy Technology, MISSION -2013, 4 -6 December 2013, Kumamoto, Japan.
17. **"Decentralized composting of municipal solid waste in Bengaluru city – an overview", IJRET, Vol.3, Issue 6, June 2014.**
18. **"Flexural Behaviour of Reinforced Concrete Beams Replacing GGBS as Cement and Slag Sand as Fine Aggregate", IJCSE, Vol. 2, Issue 1, pp. 66 – 75, ISSN 2348 – 7607, July, 2014.**
19. "Municipal Solid Waste Collection and Disposal in Bengaluru City –A Review", IJERT, Vol. 3, Issue 7, e-ISSN: 2278-0181, July 2014
20. **"Spatial Variation of Surface Water Quality of Vrishabhavathi Watershed Using GIS", IJRITCC Volume-02 Issue-8, August 2014.**
21. **"Identification of Potential Sites for Rainwater Harvesting using RS and GIS", 3rd World Conference on Applied Sciences, Engineering & Technology 27-29 September 2014, Kathmandu, Nepal.**
22. " Identification of Blackspots for Safe Commuting Using Weighted Severity Index and GIS", 3rd World Conference on Applied Sciences, Engineering & Technology 27-29 September 2014, Kathmandu, Nepal, ISSN 2319-5347, International Journal of Advanced Structures and Geotechnical Engineering Vol. 04, No. 01, January 2015
23. "Identification of potential sites for detention ponds along the Vrishabhavathi River", International Conference on Water Resources, Coastal and Ocean Engineering, 12th – 14th March 2015, NITK, Surathkal, Elsevier, ScienceDirect, Aquatic Procedia 4 (2015), 585 – 592.
24. "An Experimental Study on Flexural behaviour of Reinforced Concrete Beam by Partial Replacement of Fine aggregate with Coal based Brick Kiln-Ash", International Research Journal of Engineering and Technology (IRJET), p-ISSN: 2395-0072, Volume: 02 Issue: 02 | June-2015



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25. "Location and Monitoring of a Smart City Using a GIS Based Centralized Monitoring System", 8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, 5th and 6th, November, 2015
26. "Effective Water Management System for Tumakuru City Using Remote Sensing and GIS", 8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, 5th and 6th, November, 2015
27. "Integrated Solid Waste Management at Krishna Rajendra Market", ", 8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, 5th and 6th, November, 2015
28. "Effective Utilization of Brick Kiln Ash in Concrete for Sustainable Engineering Solution" 8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, 5th and 6th, November, 2015
29. "Modeling, Analysis and Designing of High Rise Building Using E-Tabs", 8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, 5th and 6th, November, 2015
30. "Intelligent Transport System in a Smart City Based on Monorail Concept" 8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, 5th and 6th, November, 2015
31. "Identification of groundwater potential zones in vrishbhavathi river basin using Remote Sensing and GIS", Decennial celebrations 10th KSTA conference on Science and Technology for future humanity, 18th and 19th January 2018 at REVA university, Yelahanka, Bengaluru.
32. "Satellite Imagery and GIS as a Tool for Tracking Hazardous Waste Dumpsite", AHMP National conference at Reno, Nevada, USA, from 26th to 29th August 2018.
33. "Watershed prioritization based on Morphometric Analysis of Hemavathy Basin using Remote Sensing and Geographical Information System" International Journal for Technological Research in Engineering, ISSN(Online): 2347 – 4718, Vol. 6, Issue 8, April 2019.
34. "Assessment Of Soil Erosion By Usle Model Using Remote Sensing And Gis Of Hemavathy Basin", International Journal of Scientific & Engineering Research, ISSN 2229 – 5518, Volume 10, Issue 5, May-2019
35. "Integrated Study of Hemavathy Catchment using Remote Sensing and Geographic Information System", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; Volume 7 Issue IV, Apr 2019
36. "Analysis of Land Suitability for Agriculture in Hemavathy Watershed", International Journal of Science and Research (IJSR) ISSN: 2319-7064, Vol. 8, Issue 5, May 2019.
37. 'Effective Use of Detention Ponds to Augment Water Resources along the Vrishabhavathi River', XIV World Aqua Congress (International Conference) organized by Aqua Foundation from October 29-30, 2020, on Water and Climate Change, held at New Delhi, India
38. "Rainfall Pattern Analysis in the Three Major Valley Systems of Bengaluru", Journal of Applied Ecology and Environmental Sciences, 2021, Vol. 9, No. 7, 687-694

SYMPOSIUM/WORKSHOP/CONFERENCE ATTENDED

1. National Seminar on Water Resources development and Management, Feb 10 – 12, 1988, Water Resources Management Center, R.E.C. Rourkela – 769 008
2. Third National Conference on Dock and Harbor Engineering Dec 6 – 9, 1989, K.R.E.C., Surthkal, N.M.P.T., Panambur, Karnataka.
3. Workshop on Computer related Subjects of Civil Engineering Oct 20 – 21, 2000, Civil Engineering Department, M.C.E., Hassan – 573 201.
4. Workshop on MATLAB for Scientist and Engineers, Aug 22 – 24, 2002, Faculty of Engineering – Civil, U.V.C.E., Bangalore University, Bangalore – 560 056.
5. National Seminar on Interlinking of Rivers, 30.04.2003 to 01.05.2003, A.I.C.T.E, V.T.U., B.I.T., Bangalore.
6. Workshop on Human Resource Development, 20th – 21st February, 2004, Bangalore Institute of Technology, Bangalore – 560 004.
7. National seminar on ground water management, 30.09.2004, Dept. of civil engineering, D.S.C.E., Bangalore
8. National Symposium on Natural Resources Management on Sustainable development, December 3-4, 2004, Faculty of Engineering –Civil, Bangalore University.



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9. National Seminar on Advances in Civil Engineering, 11.06.2005, Faculty of Engineering – Civil, Bangalore University.
10. Workshop on Planning, Design, Construction and Maintenance of Small and Minor Bridges, 03.12.2005, Indian Institute of Bridge Engineers, Karnataka centre, Bangalore.
11. International Workshop on Hazardous Materials Management, 6th – 9th February, 2006, Bangalore Institute of Technology, Bangalore – 560 004.
12. National Seminar on Recent Advances in Civil Engineering, 15th - 16th September, 2006, Dayanandsagar College of Engineering, Bangalore.
13. Workshop on Electro plating waste management on 24th march 2007 at Bangalore Institute of Technology, K.R.Road, Bangalore – 560 004.
14. Seminar on Hazardous Waste Management Rules on 18-05-2007 at M/s ABB Ltd., Bangalore in association with ACHMM, India chapter, KSPCB and BIT, Bangalore.
15. Workshop on Spatial Information Technology Applications in Civil Engineering, 27th – 28th, September, 2007, M.S.Ramaiah Institute of Technology, Bangalore – 560 054.
16. Workshop on Diagnostics, Investigation, Repairs & Rehabilitation of Bridges, 1st, December, 2007, Indian Institution of Bridge Engineers, Karnataka State Centre, India.
17. Hazardous Materials and Management on 4-5 february 2008, Bangalore Institute of Technology, Bangalore – 560 004.
18. National Seminar on Restoration and management of Surface Water Bodies, 28th march, 2008, Dayanandsagar College of Engineering, Bangalore.
19. National Seminar on Recent Developments in Design and Construction Technologies (REDECON 2008), 7TH – 9TH August, 2008, ACCE (INDIA), Bangalore centre.
20. Nanoscience and Nanotechnology (NS/NT), on 23-24th October 2008, Bangalore Institute of Technology, Bangalore – 560 004.
21. Workshop on Water Resources Development and Management (WRDM-2009), Bangalore Institute of Technology, Bangalore – 560 004.
22. One day workshop on "Isotope Tracer Techniques for Water Resources Development & Management", CWRDM, DST and BMSCE, 07.12.2011, Bangalore
23. ICI-KBC Concrete Panorama and Deminar 2012, on 9-10 January 2012 at BMS College of Engineering ,Bangalore -560019
24. One day workshop on "Geo-technical Investigation techniques and its interpretation for a viable foundation system", ACCE(I), Bangalore, on 15th September 2012, at, No. 324, Bunts Sangha Auditorium, Bunts Sangha Complex, Chord Road, Vijaya Nagar, Bangalore – 560 040.
25. Land Survey Summit, National Seminar and Exhibition, Association of Engineering and Surveying Consultants (AESC) in association with GIS India and BIT, May 9th and 10th 2013.
26. Two Day National Seminar on "Urban ACE AQUA 2013", ACCE(I), Davangere Centre, on 26th and 27th July 2013, at THRISHUL KALA BHAVANA, P.B. Road, Davangere.
27. Minamata International SympoSium on Environment and Energy Technology, MISSION - 2013, 4 -6 December 2013, Kumamoto, Japan.
28. Two- day International Seminar on "Alternative Fuels and Raw Materials for co-processing in Cement Industries" 14th and 15th February, 2014, ACHMM, Pollution control board, BIT
29. National Seminar On Recent Research And Developments In Civil Engineering, RRDCE 2014 In Dr. Ambedkar Institute Of Technology, Bangalore During 27-28, March 2014.
30. One day workshop on "Utilisation of Solid Waste in Civil Engineering Construction", BMSCE, 05.04.2014, Bangalore.
31. 3rd World Conference on Applied Sciences, Engineering & Technology 27-29 September 2014, Kathmandu, Nepal.
32. National Workshop on Research Methodologies (RM-2015) sponsored by Karnataka Science and Technology Academy (KSTA) and Karnataka State Council for Science and Technology, DST, GoK on 4th March 2015 at Bangalore Institute of Technology, Bangalore – 560 004.
33. International Conference on Water Resources, Coastal and Ocean Engineering, 12th – 14th March 2015, NITK, Surathkal
34. National workshop on "Statistical and Numerical trends in Engineering", Jointly organised by BIT & KSTA on July 29th -30th , 2015, at BIT, Bengaluru – 560 004



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35. Workshop on "process safety and security", organised by Civil Dept., BIT on August 28 2015.
36. Conference on "employability of civil engineers" on 14th September 2015 by Civil Department, BIT, Bengaluru
39. 8th KSTA Annual Conference on Science and Technology for GenNext Urban Space, at BIT in association with KSTA, Government of Karnataka, 5th and 6th, November, 2015
40. Three day workshop on "MATLAB & SIMULINK for science and engineering applications", organised by BIT, KSCST and VTU on 27th -29th July 2016.
37. AHMP Annual Conference in Washington, D.C., USA, August 28 - August 31, 2016 Omni Shoreham Hotel.
38. Indo US Workshop on "future trends in environmental management", in association with ACHMM in BIT on 23rd -24th September 2016.
39. A five day workshop on " Remote sensing, GIS and GPS application in Engineering", in association with National Institute of Technical Teachers Training and Research at BIT on 3rd to 7th October 2016.
41. One day national workshop and exhibition on "Skill Development for young engineers to reform the core sector : vision 2025", on Engineer's Day celebrations organized by BIT Civil Sense & Civil Engineering Association BIT on 4th October 2016.
40. Rotary District 3190, 40th conference on 4th and 5th February 2017 at Elaan Convention centre, Bengaluru.
41. Workshop on "Choose to lead the Change – Proud to Serve", on 27.02.2017 in association with Lions Club, Padmanabhanagar, Bengaluru, Kuvempu Kalakshetra.
42. One day workshop on "advanced steel structures", organized by Civil Engineering Dept., BIT on 4th April 2017.
43. Workshop on "BRIDGE'17" Future of Work, Industry-Institute Interaction Event of India on 20th September 2017 by ICT Academy at Hotel LE MERIDIAN, Bengaluru
44. International conference on "Principles, Practice and Hazards of Bio-Medical Waste Management" held on 1st and 2nd December, 2017 at Kuvempu Kalakshetra, BIT auditorium, Bangalore in association with ACHMM and ISWWM.
45. Two days Indo-US workshop on "Revisiting Industrial Chemical Disaster Mangement and Mitigation – New challenges, Opportunities, Strategies and Surveillance" held on 4th and 5th December, 2017 at NIAS auditorium, IISc campus in association with ACHMM and ICC.
46. Three day Indo-US workshop and Training on "Principles, Practice and Regulations of Hazardous Materials Management" held on 8th to 10th December, 2017 at MIT, Deptment of Biotechnology, Chemical and Civil Engineering, Manipal in association with ACHMM, IEHMM and KSPCB.
47. Two days workshop on "A-VIEW: Virtual Interactive e-Learning Tool" on 19.02.2018 at BIT Bangalore in association with Visveswaraya Technological University, Belagavi.
48. One-day Seminar on 'CONCRETE MIX DESIGN' on 7th March 2018, Wednesday, by ICI – KBC at Bangalore Institute of Technology, K. R. Road, Bengaluru-560 004.
49. Workshop on AICTE Model Curriculum at BIT, Bangalore in association with VTU, Belagavi on 7th and 8th May 2018.
50. Workshop on "New AICTE Model Curriculum PG Courses", 06.08.2018 at BNMIT, Bangalore, in association with VTU Belagavi.
51. Three day International Conference on Innovations in Concrete IWC-2018 to meet Housing and Infrastructure Challenges organized by Indian Concrete Institute at NIHMANS auditorium, Bengaluru from 20th to 22nd September 2018.
52. One day Indo-US workshop on "E-waste management" conducted in association with ACHMM India chapter on 17th November 2018 at BIT, Bengaluru 560004
53. 18th Annual conference of Indian Society of Hospital Waste Management, 1st & 2nd December 2018, Atal Bihari Vajpayee Scientific Convention Center, University of Environment Department, KGMU, Lucknow, India.



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54. XIV World Aqua Congress (International Conference) organized by Aqua Foundation from October 29-30, 2020, on Water and Climate Change, held at New Delhi, India

SHORT TERM COURSE/TRAINING PROGRAM ATTENDED.

1. Engineering College Teachers Training Program on Software Engineering, Feb 12 – 23, 2001, iiiiT – B and Digital India, Board of I.T education Standards, Karnataka
2. A.I.C.T.E – I.S.T.E short term course on Computer Applications to Civil Engineering Problems Using C++ and VC++, Sept 03 -16, 2001, Civil Engineering Department, M.C.E., Hassan – 573 201.
3. Short term training Programme on Remote Sensing and Geographical Information System for Resources Management, 03 – 15, Feb, 2003, Department of Applied Mechanics and Hydraulics, N.I.T.K., Surathkal – 575 025, Karnataka.
4. Summer School on Statistical Process Control and Allied Topics, 11 – 30, August, 2003, SQC & OR Division, Indian Statistical Institute, 8th Mile, Mysore Road, Bangalore – 560 059.
5. Short term training course on Structural Dynamics – Applications to Earth quake Engineering, July 12-23, 2004, Department of Civil Engg., I.I.T., Bombay and NPEEE, Mumbai – 400 076.
6. Short term training course on Recent Advances in Computing Techniques, Aug 2-14, 2004, Dept. of Civil Engg., B.M.S.C.E., Bangalore – 560 004
7. Remote Sensing, GIS & GPS Application for Modern Surveying & Earth Environmental Studies, 20th to 24th March 2006, Dept. of Civil Engineering, Adiyamaan College of Engineering, Hosur.
8. Introduction to ArcGIS I, 28th – 29th, April 2006 at ESRI, New Delhi.
9. GIS and Spatial Data Mining, 8th – 9th September, 2006, Department of Civil Engineering, BMS College of Engineering, Bangalore – 560 019.
10. AICTE sponsored QIP short term course on GREEN INFRASTRUCTURE, 26.12.2010 – 02.01.2011, IIT, Kharagpur.
11. Indo-Norwegian training programme on Seismic Design of Multi-Storey Buildings IS 1893 Vs. Euro-code 8, May 31st to 2nd June 2015, organized by CSIR Centre for Mathematical Modelling and Computer Simulation (C-MMACS), Dept. of Civil Engg. BIT and Dept. of Civil Engg. BMSCE, at BIT Bangalore.
12. Short term course on "Remote Sensing GIS & GPS Application in Engineering through ICT", 03.10.2016 to 07.10.2016 (One Week), in association with National Institute of Technical Teachers Training and Research, Chandigarh and Civil Engineering Department, BIT, Bangalore – 560 004.
13. One Week Faculty Development Program on "Modern Approach for Structural Design and Construction (MASDAC-2021)" in BIT from 26-04-2021 to 01-05-2021
14. 3 Day FDP Program on "Sustainable Pavements – Materials, Design & Maintenance" in BIT from 12-07-2020 to 14-07-2020
15. Five days workshop on Inculcating universal human values in technical education organized by AICTE from 19-10-2020 to 23-10-2020
16. 5 Day ATAL FDP on Artificial intelligence and conceptualization of Algorithms using PYTHON, by AICTE, BIT from 12-07-2021 to 16-07-2021
17. 5 Day FDP on Intelligent Transport System by AICTE, Hindustan Institute of Technology and Science from 05-07-2021 to 09-07-2021
18. 5 Day ATAL FDP on Animation Film Design by AICTE, JAIN Deemed to be University from 27-07-2021 to 31-07-2021

TECHNICAL LECTURES/ACTIVITIES CONDUCTED/ATTENDED

1. " The Future of E-commerce in Construction & Design Industry", by Mr. Indrajit Roy, Director: mSupply, Digital Sales & Distribution on Friday, 5th October 2018 at 6.30 PM at The Bangalore City Institute, No.8, Pampa Mahakavi Road, Opp. Makkala Koota, Bengaluru-560004 by ACCE(I).



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2. Technical Presentation on "**RECENT ADVANCEMENT IN ANCHORING SYSTEM**" by **Er. Edward Thomas Oomen**, Regional Technical Manager – South on Friday, 28th September 2018 by 6.30 PM at Sri Nalwadi Krishna Raja Wadiyar Hall, Century Club, No.1, Sheshadri Road, Bangalore – 560 001 by ACCE(I)
3. Technical Lecture programme on "RERA - Real Estate (Regulation and Development) Act, 2016", By C A Vinay G Lal, Partner, Singhvi, Dev & Unni, Bengaluru. Tuesday, 21st August 2018, at 6.00 PM in Bangalore Institute of Technology Seminar Hall, 2nd Floor, K R Road, V V Puram, Bengaluru-560004, Organized By: ICI - Bengaluru Centre
4. RMCMA-RABC Quality Circle Lecture on "CHALLENGES IN PRODUCTION AND USAGE OF READY MIXED CONCRETE" by Dr. R. Nagendra, Senior Director, STEDRANT TECHNOCLINIC Pvt. Ltd. On **Tuesday, 7th August 2018 6.30 PM** at Dr. S. RAMEGOWDA Seminar Hall, 2nd Floor Bangalore Institute of Technology, K R Road, V V Puram, Bengaluru-560004 organized by BIT, ICI and ACCE(I).
5. Technical Evening Lecture On "APPLICATION OF GEOSYNTHETICS IN CIVIL INFRASTRUCTURE PROJECTS" By speaker: Amruth Chand B, Regional Technical Manager, Maccaferri Environmental Solutions Pvt. Ltd – India Venue: BIT, Seminar Hall, 2nd Floor, K R Road, V V Puram, Bangalore-560 004 by ACCE(I) Bangalore Centre in association with: ICI (Bangalore Centre), RMCMA & BIT on 25th April 2018.
6. "GNSS and its Applications", Dr. Animesh, CEO, Accord Software and Systems Pvt. Ltd., Bengaluru, 16.03.2017, BIT Seminar hall, Bengaluru.
7. "Mechanical Engineering as the Soul of Automobile", Sri. Raghavendra Vaidya, Senior Vice-President, Mercedes-Benz R&D India, 13.03.2017, MBA Seminar hall, BIT, Bengaluru.
8. "Landscape of higher education in United States of America", Dr. Abey Kuruvilla, Executive Director for International Affairs and Associate Professor of Buisness at University of Wisconsin Parkside, 21.02.2017, Vijayanagar Club, Bengaluru.
9. "Application of FEA & Simulation for Civil Engineering", Javier Marcelo Mora, M. Sc. Civil Engineer, Research & Development Dept. Ingeciber S.A, Spain, 13.07.2016, BIT, Seminar Hall, Bengaluru – 560004.
10. "Current challenges for professional civil engineers", Avinash D Shirode, Past President ACCE(I), 26.06.2016, BIT, Seminar Hall, Bangalore – 560 004
11. "Development of Low Rpm Low Wind Velocity Domestic Windmill" by Avinash Shirode, Nashik - Past President of ACCE(I), 28.04.2016, Seminar Hall, BIT, Bengaluru.
12. "Attributes Of A High Strength Ductile Reinforcing Steel" by Dr. R. Nagendra, Technical Director, Civil-Aid Technoclinic Private Limited, Bangalore, 12.02.2016, Maharaja Hall, City Institute, Bengaluru.
13. "Concrete Solutions For Modern Construction With Case Study Of Penang Second Bridge Malaysia", by MR. Shivram B Bagade, Manager-Underground construction and Infrastructure- BASF Malaysia, 08.01.2016, BIT, Seminar Hall, K R Road, V V Puram, Bangalore-560004
14. "High Volume Fly Ash Concrete – Canadian experience.", Speaker: Dr. Ramesh C Joshi, Ph.D., P.Eng (Life Member), Professor Emeritus of Civil Engineering, The University of Calgary., Tuesday, 05th January 2016, BIT, Seminar Hall, K R Road, V V Puram, Bangalore-560004
15. "Economization of Concrete Mixes With Enhanced Durability Using GGBS/Slag Cements" Dr. R. Nagendra, Technical Director, Civil-Aid Techno clinic Private Limited, Bangalore, 21.12.2015, Maharaja Hall, City Institute, Bangalore.
16. "Build. Renovate. Do Interiors – Simplified mSupply.com helps provide materials, products, solutions & service providers Reach – 10 lakhs products and 10,000 sellers" by Mr. T G C PRASAD, CEO & MD, mSupply.com, 04.12.2015, Maharaja Hall, City Institute, Bengaluru.
17. "What are Smart Cities?", B.S.C. Rao, Senior Consulting Engineer, Past President ACCE(I), 24.11.2015, BIT, Seminar Hall, Bangalore – 560 004
18. "ZW CAD CLASSIC - A True Cost Effective Drafting & Design Tool", Mr. JACOB, CEO, Hope Technologies Pvt. Ltd., Bangalore, 18.11.2015, BIT, Seminar Hall, Bengaluru.



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19. "Construction Issues in Highrise Structures", Er. T S GURURAJ, Chairman & Managing Director, Innotech Engineering Consult Private Limited, 16.10.2015, Century Club, Bangalore.
20. "Advantages of active water-proofing", Mr. Ramanathan Chandran – Managing Director, Mr. Edward Thomas Oommen – Technical Services Manager, Mr. Sowdri Saravanan – Technical Sales Manager, CETCO India in association with ACCE(I), 24.06.2015, Sri Nalwadi Krishna Raja Wadiyar Hall, Century Club, K R Circle, Bangalore– 560 001
21. "Occupational health hazard for civil engineers & the management", Dr. PRASHANTH. S. ACHARYA, BAMS,MS (Ayu), (Ph.D FICA (USA) FAGE, 04-06-2015, Bangalore Institute of Technology (BIT), Seminar Hall, Bangalore – 560 004
22. "Eco friendly constructions" by Er. Ajit sabnis, CMD at InCiCon AG, Organised by Civil Dept., BIT on 7th May 2015.
23. "Water Conservation and Management", by Shivakumar A R, Senior Fellow, KSCST, IISC, 23 March 2015 on account of orld Water Day celebrations at BIT, Bengaluru 560 004
24. "Indo Norwegian Collaborative Project Towards Urban Earthquake Resilience in Indian Subcontinent - Earthquake Hazard and Risk Reduction", Friday, 10-10-2014, BIT, by Dr. Abdelghani a renowned researcher in earthquake engineering working for NORSAR, (www.norsar.no) Norway.
25. "Advanced Surveying Technologies Using Total Station, DGPS, And Lidar", Topic "Importance of Advanced Surveying Technologies like Total station", S.Hemanth Reddy, CEO of Sir M V Institute of Engineering Skills, (A Madhusiri Group Training & Placement Venture for Civil Engineers), 25.06.2014, BIT, Bangalore
26. "Flood Studies Using Mathematical Models", Dr. Srinivasa V Chakragiri, Professor and Head, Department of Civil Engineering, Global Academy of Technology, Bengaluru, 12.06.2014, Seminar Hall, BIT, Bengaluru.
27. "Concepts Of Lean Construction" by Mr. Sampath Parthasarathy - Secretary General, Institute for Lean Construction Excellence (ILCE), 30.05.2014, BIT
28. "Application Of Lean Construction In India With Case Studies", by Mr. Kalyan Vaidyanathan, CEO, Nadhi Information Technologies, ILCE lecture series, BIT.
29. "Hydro Politics: Conflicts And Co-Opeartion In River Basins", Dr. Dattatri Jade, Professor (Retd.), NITK, Surathkal, 30.04.2014, BIT
30. "Karnataka's Roadmap To Un disputed Global Leadership In Ict By 2020", Shri. Rajagopalan, Project consultant, 22.04.2014, BIT
31. "Sardar Sarovar Narmada Project "Lifeline Of Gujarat", Shri. K S Srinivas, Chief Engineer (Retd.), Irrigation Department, Gujarath, 21.03.2014, BIT
32. "Engineering Sustainability: Engineers as Leaders in Facing Global Change", Dr Jonathan Bridge, Environmental engineering scientist, University of Liverpool, Liverpool, UK, 10.02.2014, BIT
33. 29th January 2011, Technical Lectures: " **Developments in New Construction Materials**" by Dr. V.Ramakrishnan, Professor, Technological University of South Dakota USA, and "**Recent Fibre Reinforced Concrete Constructions**" by Mr. Clifford N McDonald at BIT, Bangalore in association with ACCE (I), ICI-KBC and UltraTech
34. One day seminar on **Environment, safety, security, Health & Industrial Hygiene**- Nov22, 2010.
35. Three days training course on **Hazardous Materials Management** – 23,24 & 25 Nov.2010.
36. 15th September 2010, A Technical lecture "Recent trends in Technical Education", by L.S.Srinath, Former Director, IIT, Chennai, on account of Engineer's day celebration
37. 19th May 2010, A Technical lecture on "**New Generation Codes for Steel Work Design-A move towards Limit State Design**" by Mr. Amitabha Ghoshal, STUP Consultants, Mumbai in association with ACCE(I)
38. 30th April 2010, A Technology Workshop on "**Bridge Software for analysis and design**" by MIDAS India



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39. 26th April 2010, A Technical lecture on “Concrete Petrology- its implications and potentials as a Diagnostic Technique”, by Dr.A.K.Chatterjee
40. 20th April 2010, A Technical Lecture on “**Change Management**” by Dr. Gururaj Karajagi, former member of the Syndicate, Senate and Academic council ,Bangalore university in association with ACCE(I)
41. 13th April 2010, Coordinated the Visit of Sterling Group- UK, Member **Dr Sreejith V Nanukuttan**, School of Planning, Architecture and Civil Engineering, Queen's University of Belfast to **BIT** Civil Engineering Department for an interaction with students and faculty on “**Excellence in Engineering Teaching and Research**”
42. 12th April 2010, A Technical Lecture on “**Innovation in Seismic Bracing Design**” by Sri. B.N.Sridhara, Former Director-SEMAC in association with ACCE(I)
43. 9th March 2010, A Technical Lecture on “**Design Aspects of Tall Buildings**” by Shri. S.N.Manohar, Former Chief Civil Engineer, TaTa Consulting Engineers in association with ACCE(I)
44. 6th March 2010, A Technical Discussion on “**Construction Without Disasters**” organized by IEI and IIBE
45. 5-6 March 2010, All India seminar on “**Eco-Architecture and Green Buildings**” organized by The Institution of Engineers India –Karnataka State centre.
46. 11th February 2010, A Technical Lecture on “**Fly-Ash: The Essential Ingredient for Sustainable Concrete Construction**” by **Dr.Moray Newlands**, Concrete Technology Unit, Division of civil Engineering, University of Dundee, Scotland, UK in association with ACCE(I) and RMC Readymix(India) Pvt.Ltd.
47. 6th February 2010, A Technical Lecture on “**Concrete Structures for Storage of Liquids - Code of Practice**” Is 3370 (Part 1 & 2): 2009 by **Shri. L K Jain**, Past President- ACCE(I) & Consulting Structural Engineer, Nagpur in association with ACCE(I)
48. 6th January 2010, A Technical Lecture on “**Lessons from Case Studies: Geotechnical Aspects**” by **Prof. A.Sridharan**, Professor-Emeritus, IISc, **Bangalore in association with ACCE(I)**
49. 24th November 2009, Training Program on “**Special Concretes and Their Applications**” by Indian Concrete Institute Karnataka Bangalore centre Bangalore. The topics covered are:
 - a. *Special Concrete- an overview by **Dr.R.Jagadish**,*
 - b. *Special Products the RMC way by **Mr.Raj Kumar Pillai**,*
 - c. *High Performance concrete with Mix design Considerations by **Mr. Nagendra**,*
 - d. *Self concrete –Presentation and Live demo by **Mr. V.R.Koushika**,*
 - e. *Concluding presentation on special concrete by **Dr.R.V.Ranghanath***
50. 4th November 2009, “**Innovations in Structural Engineering and Ethics in Engineering The Tale of Teetering Tower**” by **Mr.Ravindra Mysore** , President, Bill Lemessurier, USA in association with ACCE(I)
51. 27th August 2009, A Technical Lecture on “**Provisions and Issues in the Revised IS-1786-2008, High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification**” by **Dr.C.S.Viswanatha**, Chairman Civil Aid Techno clinic Pvt.ltd. in association with ACCE(I)
52. 4th August 2009, A technical Lecture on “ **Expansion Control Systems for Buildings**” by **Mr.Mukesh Singh**,Head-ECS Div. BASF in association with ACCE(I)
53. 24th July 2009, Technical lecture on, “**Design of Concrete parking structure from concept to Detail Drawings preparation**” by **Mr.Raj Jalla**, President and CEO, Consulting Engineers, Corp. Reston, VA- USA, Chairman IDES-India in association with ICI-KBC & RMC Readymix(India) Pvt.Ltd.



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54. 11th May 2009, “**Damage assessment in Concrete Structure – Global and Local Methods**” by *Prof Antony Jeyasehar*, Professor & Head, Dept of Civil & Strl. Engineering, Annamalai University in association with ICI-KBC
55. 17th April 2009, A Technical Lecture on “**High Performance and Ultra High Strength Concrete with PCE Technology in Asia Pacific**” by *Mr.Nilotpal Kar*, Regional Manager, BASF. More than 200 consulting Engineers participated, organised with ICI-KBC
56. 23rd March 2009, one day workshop on “**Water Resources Development and Management**”
57. 5th Feb.2009 to 19th Feb. 2009, fifteen days work shop on **Hazardous Materials course Modules preparation.**


BOARD OF EXAMINER

1. Computer Science and Engineering, C.P. lab for I/II Semester
2. Civil Engineering Department, VTU.
3. Architecture Department, Bangalore University
4. Civil Engineering Department, Bangalore University
5. Agriculture Engineering, UAS, Bangalore
6. Civil Engineering Department (Autonomous), RVCE, Bangalore
7. Civil Engineering Department (Autonomous), BMSCE, Bangalore
8. Civil Engineering Department (Autonomous), NIE, Mysore
9. Civil Engineering Department (Autonomous), MCE, Hassan
10. Civil Engineering Department (Autonomous), MSRIT, Bangalore

Member of Board of Studies, VTU, Civil Engineering till 2023. Member board of studies, Civil Engineering, MVJCE and Dr. AIT. Member, board of examiners for Visvesvaraya Technological University, Belgaum and also member of Local Inquiry Committee.

Place: Bangalore

Date:


(H.B.BALAKRISHNA)



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Fire and Safety Certificate

15.10 Hostel Facilities

The institute has separate Boys Hostel, Girls hostel and International Hostel facility. The Boys hostel has 128 Rooms and the Girls hostel has 128 Rooms. The hostel has a capacity of 912. Full- fledged on campus hostel facility provide cozy atmosphere for students with all necessary comforts. Facilities like reading room, television room, internet, gymnasium, parking space are provided. RO purified drinking water, laundry, 24X7 Security, CCTV Surveillance, Anti-Ragging Vigilance, 24X7 ambulance facility, MoU with nearest multispecialty emergency hospital etc are offered



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Library

Library Books	Title	Volumes	No of Journals Published in Abroad	No of Journals Published in India	No of E books Titles	No of E books Volumes
Management	2184	5355	212	11	9843	9843
Eng & Tech	10667	29669	9117	50	16065	16065
Total	12851	35024	9329	61	25908	25908

List of online National/ International Journals subscribed

Sl. No.	E-Databases	No of e-journals	URL
1.	IEEE ASPP & POP ALL	2001	https://ieeexplore.ieee.org
2.	Springer Nature	689	https://link.springer.com
3.	Elsevier Science Direct	327	www.sciencedirect.com
4.	EBSCO	6100	https://search.ebscohost.com
5.	Emerald	212	https://www.emeraldinsight.com
Total		9329	

Library Facilities

The college has a voluminous computerized library, which caters to the needs of the students, research subjects, scholars and faculties. The library has rich collection of 12000+ Titles and 35000+ volumes of print books. The digital library provides online access to e-resources on Management, Science & Technology for students and research scholar. Remote access has been provided to all the e-resources subscribed through Knimbus platform. The library has access to more than 9000+ e journals and 25000+ e books on various



Global Academy of Technology, BENGALURU

Autonomous institute, affiliated to VTU

□ Computing Facilities

• Internet Bandwidth

The institute has internet connection with a bandwidth of **1GBPS**.

• Number and configuration of System

The institute has a total number of **1390** Computers

• Total number of system connected by LAN

All 1144 computers of the institute are connected by LAN.

• Total number of system connected by WAN

All **1390** computers of the institute are connected by WAN

Enrollment of students in the last 3 years

SL.NO	Program	2022-23	2023-24	2024-25
1	Civil Engineering	26	18	32
2	Mechanical Engineering	20	35	33
3	Electrical & Electronics Engineering	63	60	45
4	Electronics & Communications Engineering	189	180	236
5	Computer Science & Engineering	193	180	305
6	Computer Science & Engg. (AI & ML)	63	60	121
7	Information Science & Engineering	190	180	173
8	Aeronautical Engineering	45	55	59
9	Artificial Intelligence and Machine learning	63	60	31
10	Artificial Intelligence and Data Science	63	60	113
11	Master of Business Administration	118	119	193
12	M.Tech. Computer Science & Engineering	0	18	12
13	M.Tech. Structural Engineering	10	18	9