



Faculty Profile


Name		Dr. ROHINI NAGAPADMA			
Date of Birth		06-11-1960			
Unique ID		NIE			
Educational Qualification		PhD 2010 Digital Image Processing VTU M.Tech 1991 Communication and High Frequency IIT Madras			
Work Experience					
Teaching : 33 years		Research : -		Industry : -	
Others :-	Area of Specialization : Signal Processing			Others :-	Area of Specialization : Signal Processing
Research Guidance (Number of Students)					
No of papers Published in		National: -	International Journals : 11	Conferences :6	
M. Sc (Completed / Ongoing) :		-			
Ph.D (Completed / Ongoing) :		2 completed 3 pursuing			
Projects Carried Out :		-			
Patents (Filed & Granted)		-			
Technology Transfer :		-			
Research Publications :		18			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		-			

Faculty Profile

Name	Dr.K.C.Manjunath		
Date of Birth	06-09-1963		
Unique ID	NIE009		
Education Qualifications	Ph.D(Highway Engg.)		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 31	Research: Nil	Industry: Nil	
Others:	Area of Specialization: Highway Engg.	Courses Taught at UG/PG Level: UG: <ul style="list-style-type: none"> ▪ Transportation Engineering ▪ Elements of Civil Engineering ▪ Environmental Engineering PG: <ul style="list-style-type: none"> ▪ Environmental Management of water resources 	
<ul style="list-style-type: none"> Research Guidance (Number of Students): 3 			
No. of papers Published in	National: Nil	International Journals: 8	Conferences: National: 11 International: 6
M.Sc(Completed/Ongoing):		
Ph.D(Completed/Ongoing):	3 ongoing		
Projects Carried Out:	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer:	Nil		
Research Publications:	25		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

CIVIL ENGINEERING

Faculty Profile

Name	T.H. SADASHIVA MURTHY	
Date of Birth	21.03.1966	
Unique ID	NIE005	
Education Qualifications	B.E (Civil), M.E (Structural Engg)	


• **Work Experience**

Teaching : 34 years	Research : ----	Industry : ----
Others :	Area of Specialization : Structural Engineering	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> • Engineering Mechanics • Mechanics of Deformable Bodies • Fundamentals of Structural Analysis • Analysis of Indeterminate Structures • Alternative Building materials and Technologies • Advanced RCC Structures • Design of Storage Structures (PG)


• **Research Guidance (Number of Students)**

-

No of papers Published in	National: 01	International Journals: 13	Conferences :10
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	-		
Patents (Filed & Granted)	Patent Granted for the invention entitled ' <i>Recycled Brick powder composition for Masonry Block and a Method for Synthesizing the same</i> '.		
Technology Transfer :	-		
Research Publications :	24		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile			
Name	M S GANESH PRASAD		
Date of Birth	12/10/1965		
Unique ID	NIE013		
Education Qualifications	M.E., Ph.D		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 36 years	Research : 16 years	Industry : Nil	
Others : Nil	Area of Specialization : Remote sensing	Courses Taught at UG/PG Level : Surveying, Remote Sensing & GIS	
<ul style="list-style-type: none"> Research Guidance (Number of Students): M.Sc.;1, Ph.D; 1, M.Tech: 12 			
No of papers Published in	National: 2	International Journals :6	Conferences :9
M. Sc (Completed / Ongoing) :	One completed		
Ph.D (Completed / Ongoing) :	One on going		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	17		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	Dr. Y.M. Manjunath			
Date of Birth	16.09.1965			
Unique ID	NIE014			
Education Qualifications	BE., M.Tech. (Structures), Ph.D.(Structural Engineering)			
• Work Experience				
Teaching : 31	Research : 06		Industry : Nil	
Others : Nil	Area of Specialization : Structural Engineering		Courses Taught at UG/PG Level : <ol style="list-style-type: none"> 1. Engineering Mechanics 2. Mechanics of Deformable bodies 3. Building construction 4. Concrete Technology 5. Building Drawing 6. Transportation Engineering 7. Prestressed concrete structures 	
• Research Guidance (Number of Students) : 03				
No of papers Published in	National: 01	International Journals : 15	Conferences : 05	
M. Sc (Completed / Ongoing) :	--			
Ph.D (Completed / Ongoing) :	03 (Ongoing)			
Projects Carried Out :	Concrete subjected to Elevated Temperature			
Patents (Filed & Granted)	Nil			
Technology Transfer :	--			
Research Publications :	<ul style="list-style-type: none"> • N.Suresh, &Y.M.Manjunath, “Concrete subjected to elevated temperature – a review” National seminar on “Futuristics in Concrete and Construction Engineering” (NSFCCE – 2003) December 3-5 2003, at SRM Engineering College, Kattankolathur, Chennai. (NC) • N.Suresh, Y.M.Manjunath & D.S.Prakash, “Influence of Aggregates on Compressive Strength of Concrete Subjected to Elevated Temperature” at 2nd National Conference on Advances in materials & mechanics of Concrete Structures, 12-13 August 2005, IIT, Madras. (NC) • N.Suresh, Y.M.Manjunath & D.S.Prakash, “Studies on the Compressive Strength of Concrete subjected to Sustained elevated 			

temperature” at International Conference on Advances in Concrete Composites & Structures (ICACS-2005), 6-8 Jan 2005, SERC, Chennai. (IC)

- N.Suresh, Y.M.Manjunath & D.S.Prakash, “Studies on Compressive Strength of Concrete subjected to cyclic heating” at International Conference on Recent Advances in Concrete & Construction Technology (INCRAC & CT 2005). 7-9 Dec, 2005, SRM Engg. College, SRM Institute of Science & Technology, Chennai. (IC)
- Y.M.Manjunath, Dr. N.Suresh & D.S.Prakash, “Studies on the effect of W/c ratio on concrete subjected to sustained elevated temperature” in the National Conference on Fire affected concrete structures on 24th Nov’06 at Dept. of Civil Engineering, Gandhi Institute of Technology & Management, Visakapatnam, under TEQIP. (NC)
- N.Suresh, Y.M.Manjunath, & D.S.Prakash, “Studies on behaviour of multiblended cement concrete subjected to elevated temperature” authored by Sri. Y.M. Manjunath and Dr. N. Suresh have been accepted for presentation in the National Conference on Theoretical & Experimental Advances in Civil Engineering (TEACE – 2007) to be held at Dept. of Civil Engineering, SRM Institute of Science & Technology, Kattankolathur, Kancheepuram Dist., Tamilnadu from 8th to 9th February 2007(TEQIP). (NC)
- Y.M.Manjunath, N.Suresh, D.S.Prakash and V.Bindiganavile, “ Influence of coarse aggregate type on the compressive response of concrete subjected to sustained elevated temperature”, Indian Concrete Institute, Journal, India, Jan-March 2014 (NJ)
- Navya P & Y.M.Manjuath, “ Structural Behavior of Industrial Structure subjected to lateral loads”, International Journal of Engineering Research & Technology (IJERT), Vol.4, issue05, May 2015. (IJ)
- Nagesh M.K. & Y.M.Manjuath, “ Study on behaviour of self compacting concrete by replacing sand with GBFS at sustained elevated temperature”, International Journal of Engineering Research & Technology (IJERT), Vol.4, issue06, June 2015. (IJ)
- Nagadorai A and Y.M. Manjuath, “ Behaviour of concrete subjected to elevated temperature by replacing of fine aggregate with GBFS & Quarry dust”, International Journal of Engineering Research & Technology, ISSN: 2278-0181, Vol 4, Issue 06, June -2015 (IJ)
- Shiva Prasad K.B. & Dr. Y.M.Manjunath, “Study on behaviour of concrete subjected to elevated temperature by partially replacing cement with glass powder”, International journal of Engineering Research & Technology (IJERT) vol.5, Issue 06, June 2016. (IJ)
- Dr.Y.M.Manjunth & Dinakar K., “ Behavior of concrete subjected to elevated temperature by partially replacing cement with bagasse ash”, International Journal of Innovative Research in Science, Engineering and Technology, Vol 5, Issue 7, July 2016. (IJ)
- T.Ramanandesh Prasad & Dr. Y.M.Manjunath, “ Flexural Behaviour of concrete beams with M-Sand subjected to elevated temperature”, International Journal of Research in Engineering and Applied Sciences (IJREAS), vol.7, Issue 1, Jan 2017, pp.13-27. (IJ)
- Dr. Y.M.Manjunath, Partha Pratim Nandy & Madivalappa Bani, ”Effect of temperature gradient on continuous PSC bridge for straight and curved profile”, International Journal of Engineering Research & Technology (IJERT) ISSN:2278-0181, Vol.6, Issue 05, May 2017.(IJ)


- Ashwini K.C. & Dr. Y.M.Manjunath, “ Comparative study of pushover analysis on RCC structures”, International Journal of Engineering Research & Technology, ISSN:2278-0181, Vol.6, Issue 06, June -2017 (IJ)
- Dr. Y.M.Manjunath and Girish K.G., “ Outrigger and belt trusses as lateral load resisting system for high rise buildings”, International Journal of Technical Innovation in modern Engineering and Science (IJTIMES), Vol. 4, Issue 5, May 2018.(IJ)
- Prashanth Kumar N and Dr. Y.M.Manjunath,” Seismic analysis of vertically geometric irregular structures”, International Journal of Scientific Development and Research (IJS DR), ISSN :2455-2631, May 2018, Vol. 3, Issue 5. (IJ)
- Chidambar E, & Dr. Y.M.Manjunath, “ Experimental investigation on geopolymer concrete subjected to elevated temperature”, International journal of advance research, ideas and innovations in technology, ISSN 2454-132X, vol. 5, issue 3, 2019. (IJ)
- Savitha T.M., Y.M.Manjunath, Dilip Srinivas, “ Micro-behavioral study of bagasse ash based geopolymer concrete”, International Journal of Innovative and exploring engineering (IJITEE) ISSN : 2278-3075, vol-8, issue -9, July 2019 (IJ)
- Sagar B.M., Dr. Y.M.Manjunath, Dilip Srinivas, “ Review paper on comparison of experimental and analytical study of RC structural element subjected to elevated temperature” International Research Journal of Engineering and Technology (IRJET), Vol.08 issue 04 April 2021. (IJ)
- Janaki Sucheta N., Dr.Y.M.Manjunath, Dilip Srinivas, “ An overview on admixtures in the production of concrete”, International Research Journal of Engineering and Technology (IRJET),, Vol. 08, Issue 04, April 2021. (IJ)

Conference and Seminars attended.,

- International Conference on ‘High Rise Structures’ organised by Buildtech, BAI, Mysore Section, Mysore, from 8th to 10th December 2006.
- Sri. Y. M. Manjunath has attended ‘Blue Print for Success – Shiv Khera’s 3 days programme, held at M.S. Ramaiah Institute of Technology, Bangalore, from 27th to 29th December 2006.
- National workshop on ‘Non-Destructive Testing of Concrete Structures (NWNDT-2007)’ on 9th & 10th March 2007, as a resource person at School of Civil Engg., SASTRA University, Thanjavur, Tamilnadu
- International Conference on ‘Structural Engineers World Congress – SEWC 2007’ at The Grand Ashok Hotel, Bangalore, from 2nd Nov’ 2007 to 7th November 2007 (TEQIP).
- 2 day National Seminar on ‘Urban Planning & Infrastructure – Buildtech 2007’ organised by BAI, Mysore, on 8th and 12th Dec’2007 at B.N. Bahadur Institute of Management Science, Mysore.
- Attended an International Exhibition and Seminar ‘ARCHITECH – Construction Speciality Expo 2008’ from 28th Feb to 29th Feb 2008 at Chennai Trade Centre, Nandambakkam, Chennai.
- Attended two days International Seminar on Affordable Housing at BAI, Mysore on 12th and 13th December 2009.

- REDECON – 2010 a National Seminar & Exhibition on Recent developments in design & construction Technologies held on 28th, 29th and 30th January 2010, at Convention centre, NIMHANS, Bangalore.
- Build Tech -2010 – International Seminar on Fast Track Construction during 11 & 12th December 2010 at Senate Bhavan, Manasagangothri, Mysore.
- Attended three days training programme on “Alternative and cost effective building technologies” on 18th to 20th July 2011 at the University School of Design, Senate Bhavan, Mysore.
- Build Tech -2012 – International Seminar on “Emerging Trends in Construction technology and housing for all held at Mysore on 8th & 9th December 2012.
- STEELCON – National seminar on steel structures held at SJCE , Mysore on 26th & 27th April 2013.
- Attended a workshop on Academic Empowerment of faculty held on 11th May 2013 Under TEQIP-II
- Attended a workshop on Design of Masonry Structures held on 17th August 2013 Under TEQIP-II
- Attended a one day training programe on “Design Safe” was held on 21st August 2013 under TEQIP-II
- Attended a workshop on Finite Element Analysis of Masonry Structures held on 24th August 2013 Under TEQIP-II
- Attended a Fourth International Workshop on Performance, Protection and Strengthening Of Structures under Extreme Loading on 26th & 27th August, 2013
- Attended a National conference on ‘Advances in Engineering and Technology - 2013’ on 7th November 2013 organized by Ekalavya Institute of Technology, Ummathur, Chamarajanagar District.
- Build Tech -2013 – International Seminar on “Sustainable development” held at Mysore on 14th & 15th December 2013
- Attended a workshop on “Water supply systems in fast growing cities (Technology, Management & Policies)” held on 17th Feb 2014 under TEQIP –II
- Attended a workshop on “Waterproofing of concrete structures” held on 26th Feb 2014 under TEQIP –II
- Attended a Workshop on Recent advances in geotechnics for infrastructure (RAGI -2014) on 15th March 2014
- Attended a workshop on “Safety of structures” held on 10th May 2014 under TEQIP –II
- Attended the Training programme on Laboratory Quality Management system and Internal Audit as per IS/ISO/IEC 17025 held during 19-22 May 2014 at Building Fire Research Centre, NIE, Mysore, conducted by National Institute of Training for standardization Bureau of Indian Standards.
- Attended a one day training programe on “Design Safe-2014- Design of Bridges” was held on 15th November 2014 under TEQIP-II
- Attended Two day workshop on Advances in Field Hydrological Research held on Feb 27-28, 2015
- Attended a one day National workshop on Recent Advances in Geotechnics for Infrastructures RAGI-2015 held on 25th April 2015
- Build Tech -2015 – International Seminar on ‘Smart Cities’ held at

	<p>Senate Bhavana, Mysuru on 23rd & 24th September 2015</p> <ul style="list-style-type: none"> • Participated in “Design safe 2015” a one-day training program on Design Safe colloquium on Precast technology for sustainable construction was held on 27th November 2015. • Participated in FDP on “Research areas of structural engineering” sponsored by TEQIP held on 22nd December 2015. • One day National workshop “Recent Advances in Geotechnics for Infrastructure –RAGI 2016” • Attended the One week Faculty Development programme on “Pedagogical Training Technological Enabled Teaching Learning Process from 11th to 16th July 2016 at NIE, Mysuru. • Participated in Two days seminar on “Recent Advances in Civil Engineering” held at Nityotsava, Mysuru on 20th and 21st Jan 2017. • Short term course on Advanced Computing Tools in Civil Engineering from 6th to 10th March 2017 at IIT, Kharagpur • Short term training programme on “Structural Analysis and Design” from 23rd to 25th March 2017 at Chennai (IIT, Madras). • Attended the short term course on “Recent Advances in Transportation Engg” under continuing education programme held from 5th March to 9th March 2018 at IIT, Delhi. • Participated as ‘Delegate’ in National Convention & Exhibition on “Sustainable Urbanisation (Infra CE 2018)” organised by Association of Consulting Civil Engineers (India), Nashik Centre. The two days seminar was conducted on 27th & 28th July 2018 at Hotel The Gateway, Taj, Nashik. • Continuing Education Programme – Short term course on “Recent Advances in Structural Dynamics & Structural Health Monitoring” at Dept. of Civil Engineering, IIT(BHU), Varanasi during March 25-27, 2019. • Participated in the two day National seminar & exhibition on Global trends in concrete – steel composite structures – Design & Construction held during at 10th -11th May 2019 at NIMHANS convention centre, Bengaluru. • Participated in five day online faculty development program on ‘Research opportunities in civil engineering’ organized by Department of Civil Engineering, The National Institute of Engineering, Mysuru from 07th September to 11th September 2020
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>Nil</p>

Faculty Profile			
Name	Gourav K		
Date of Birth	28 th January 1984		
Unique ID	NIE549		
Education Qualifications	<ul style="list-style-type: none"> • Ph.D., Civil Engineering (Structures), Indian Institute of Science, Bangalore, India, 2016 • M.Sc. Engg., Civil Engineering (Structures), Indian Institute of Science, Bangalore, India, 2009 • B.E., Civil Engineering, The National Institute of Engineering, Mysuru, 2006 		
<ul style="list-style-type: none"> • Work Experience 			
Teaching : 9	Research : 8	Industry : NIL	
<p>Others :</p> <ul style="list-style-type: none"> • Visiting Assistant Professor/Post-doctoral fellow, Department of Civil and Environmental Engineering, University of South Carolina, USA (08/2019 – 07/2020) • Visiting Scholar, Department of Civil and Materials Engineering, University of Illinois at Chicago, USA (05/2013 – 08/2013) • Project Associate, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore, India (03/2009 – 08/2009) 	<p>Area of Specialization :</p> <ul style="list-style-type: none"> • Structural Engineering • Structural Masonry • Energy Efficient & Low Carbon Building Technologies • Recycling & Reuse of Solid Wastes for Building Applications 	<p>Courses Taught at UG/PG Level :</p> <p>Undergraduate:</p> <ul style="list-style-type: none"> • Engineering Mechanics • Fundamentals of RC Design • Design of RC Structures • Alternative Building Materials & Structural Masonry • Structural Dynamics and Earthquake Engineering <p>Postgraduate:</p> <ul style="list-style-type: none"> • Design of Storage Structures • Structural Dynamics and Earthquake Engineering • Research Methodology 	
<ul style="list-style-type: none"> • Research Guidance (Number of Students) 			
No of papers Published in	National: 2	International Journals : 6	Conferences :9
M. Sc (Completed / Ongoing) :	NIL		

Ph.D (Completed / Ongoing) :	1 ongoing
Projects Carried Out :	<ul style="list-style-type: none"> • “Developing earth based building products utilising solid wastes,” UK-India Education and Research Initiative 2016. (Start date: 1.04.2017 End date: 31.03.2019) Role: Principal partners (with: Prof. B. V. Venkatarama Reddy, India Lead partner at Indian Institute of Science, Bangalore; Prof. Pete Walker, UK Lead partner at Department of Architecture and Civil Engineering, University of Bath, UK) • “Seismic performance of adobe building – Model study of Bhunga Houses”, Karnataka State Council for Science and Technology (KSCST) Student’s Project 2018 – 19 [42S_BE_2137]. Start date: January 2019 End date: April 2019. Role: Guide.
Patents (Filed & Granted)	NIL
Technology Transfer :	NIL
Research Publications :	<p>Journal Publication:</p> <ol style="list-style-type: none"> 1. K.Gourav, K. S. Nanjunda Rao, and B. V. Venkatarama Reddy. (2020): "Prediction of Out-of-plane Flexural Behaviour of FaL-G Brick Masonry using Simplified Micro-modelling Approach", <i>Masonry International (International Masonry Society)</i>. 33 (1), 1 – 14. 2. David A. Weed, Adam G Tennant, Mohamed Hosein Motamedi, K. Gourav, Craig D Foster, and B. V. Venkatarama Reddy. (2020): “Finite Element Model Application to Flexural Behavior of Cement Stabilized Soil Block Masonry,” <i>Materials and Structures (Springer Nature)</i>. 53 (3), 61. 3. K. Gourav, S. N. Ullas, and B. V. Venkatarama Reddy. (2020): “Studies on properties of Flowable Earth Mix concrete for monolithic load bearing walls,” <i>Construction and Building Materials</i>, 250, 118876. 4. K. Gourav and B. V. Venkatarama Reddy. (2018): “Out-of-plane flexure behaviour of fly ash-lime-gypsum brick masonry walls,” <i>Engineering Structures</i>, 173, 241–250. 5. K. Gourav and B. V. Venkatarama Reddy. (2018): “Bond Development in Burnt Clay and Fly Ash-Lime-Gypsum Brick Masonry,” <i>Journal of Materials in Civil Engineering</i>, 30(9), 04018202. 6. B. V. Venkatarama Reddy, H. Hemanth Kumar, S. N. Ullas, and K. Gourav. (2016): “Non-organic solid wastes - potential resource for construction materials,” <i>Current Science</i>, 111(12), 1968–1976. 7. K. Gourav and B. V. Venkatarama Reddy. (2014): “Characteristics of compacted fly ash bricks and fly ash


brick masonry,” *Journal of Structural Engineering (Madras)*, 41(2), 144 – 157.

8. B. V. Venkatarama Reddy and **K. Gourav**(2011): “Strength of lime–fly ash compacts using different curing techniques and gypsum additive,” *Materials and Structures*, 44(10), 1793–1808.

Conference Proceedings:


1. Disha, J., and **Gourav, K.** A Collateral study on Optimization of Pre-Engineered building with Tubular sectional connection. IOP Conference Series: Earth and Environmental Science, 1130(1), 2023, 012028. <https://doi.org/10.1088/1755-1315/1130/1/012028>
2. Naik, P., and **Gourav, K.** Analysis of Skew Bridge-Slab Under IRC Vehicle Loading. IOP Conference Series: Earth and Environmental Science, 1130(1), 2023, 012034. <https://doi.org/10.1088/1755-1315/1130/1/012034>
3. Aruna K L., Dhruva Kumar M., Pratheepa H D., Sanjay and **Gourav K.** Flexure and Shear Strength of Joints Using Bonding Material, 4th International Conference on Recent Advances in Engineering Sciences (ICRAES 2022), October 13 - 14, 2022 at Ramaiah Institute of Technology, Bangalore.
4. Disha J. and **Gourav K.** Pre-Engineered Construction – A Review, International Virtual Conference on Emerging Research Trends in Structural Engineering (ERTSE 2022), March 24 -25, 2022 at Vellore Institute of Technology, Chennai, INDIA.
5. Shrinivas Hebbar A, Shrinidhi D Kulal, Tajmul Pasha, Prasanta Kumar, **K. Gourav. (2019):** “Numerical and Experimental Investigation of Vibration Isolation of Three-storied Building Structure using Tuned Mass Damper”, International Conference on Advances in Mechanical Engineering & Management (ICAMEM - 2019) at Vidyavardhaka College of Engineering, Mysore, INDIA during March 22 - 23, 2019.
6. **K. Gourav** and S. N. Ullas. (2018): “Characteristics of Flowable Earth Concrete”, International Symposium on Earthen Structures (ISES-2018) at Indian Institute of Science, Bangalore, INDIA during August 22 – 24, 2018.
7. **K. Gourav**, N. C. Balaji, B. V. Venkatarama Reddy and M. Mani. (2017): “Studies into structural and thermal properties of building envelope materials”, CISBAT 2017 International Conference, Future Buildings & Districts Energy Efficiency from Nano to Urban Scale at EPFL, Lausanne, SWITZERLAND during September 6-8, 2017.
8. G. Sarangapani and **K. Gourav.(2017):** “Compressive Strength of Alternative Concrete Block Masonry units,”

	<p>International Conference on Global Civil Engineering Challenges in Sustainable Development and Climate Change - (ICGCSC-17) at Mangalore Institute of Technology & Engineering, Moodabidri, INDIA during March 17-18, 2017.</p> <p>9. K. Gourav and B. V. Venkatarama Reddy. (2009): “Strength development in lime-fly ash compacts using different curing techniques and additives,” International Seminar on Waste to Wealth, Green Building Materials and Construction Technologies using Agricultural and Industrial Wastes at Building Materials & Technology Promotion Council (BMTPC), Govt. of India, New Delhi, INDIA during November 12-13, 2009.</p> <p>Book Chapters:</p> <ol style="list-style-type: none"> 1. K. Gourav and S. N. Ullas. (2019): “Characteristics of Flowable Stabilised Earth Concrete”. Earthen Dwellings and Structures. Springer Transactions in Civil and Environmental Engineering, Edited by B. V. Venkatarama Reddy, M, Mani, and P. Walker P. Springer, Singapore. 2. K. Kavyashree and K. Gourav, “Study on Compression Strength of Masonry Prism Using Cementitious Grouting Material as Mortar,” in Lecture Notes in Civil Engineering, vol 455. Springer, Singapore, 2024, pp. 469–477. doi: 10.1007/978-981-99-9502-8_40 3. H. G. Maniranganath and K. Gourav, “Studies on Flexural and Shear Bond Strength of Masonry Using Cementitious Grouting Materials as Mortar,” in Lecture Notes in Civil Engineering, vol 455. Springer, Singapore., 2024, pp. 479–487. doi: 10.1007/978-981-99-9502-8_41
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>NIL</p>


Faculty Profile		
Name	MADAN KUMAR L	
Date of Birth	21/03/1988	
Unique ID	NIE550	
Education Qualifications	<ul style="list-style-type: none"> • PhD (Perceiving) • M.Tech in Construction Technology, BMSCE, Bengaluru • B.E., Civil Engineering, SJMIT, Chitradurga 	
<ul style="list-style-type: none"> • Work Experience 		
Teaching : 12 years 5 months	Research : -	Industry : 9 months
Others : <ul style="list-style-type: none"> • Managing Committee member for Association of Consulting Civil Engineering, Mysuru Centre (3.5 years) 	Area of Specialization : <ul style="list-style-type: none"> • Concrete & its materials • Highway & its materials • Construction Project Management 	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> • Construction and Project Management • Quantity Surveying and Estimation • Building Materials & Construction • Engineering Economics and Financial Management • Concrete Technology • Engineering Mechanics • Building Planning and Drawing • Highway Engineering • Higher Surveying etc.,

<ul style="list-style-type: none"> Research Guidance (Number of Students) 			
No of papers Published in	National: -	International Journals : 02	Conferences : 03
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	<ul style="list-style-type: none"> "Repair and Restoration of the Historical Wellesley Bridge at SriRangapatna – A Case Study", Karnataka State Council for Science and Technology (KSCST) Student's Project 2020 – 21 [44S_BE_1842]. Start date: February 2021 End date: August 2021. Role: Guide. "An Experimental Investigation on Usage of Expanded Polystyrene as Fine Aggregates in Concrete Paver Blocks", Karnataka State Council for Science and Technology (KSCST) Student's Project 2020 – 21 [44S_BE_0438]. Start date: February 2021 End date: August 2021. Role: Guide. 		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	<p>Journal Publications:</p> <ul style="list-style-type: none"> Madan Kumar L and S. Raghunath (2015): " Studies on Reinforced Hollow Concrete Block Masonry", International Journal of Research in Engineering and Technology, Vol 4, Nov 2015 Madan Kumar L, Vadiraj Rao N R, Chandana Prasad B G and Rajani. A (2019): " Implementaion of Techniques and its Management on Constructional Activities", International Journal of Innovative Technology and Exploring Engineering, Volume-8, Issue- 9S2, July 2019 <p>Conference Proceedings:</p> <ul style="list-style-type: none"> Prashanth. V. P, Madan Kumar L and Mahendra Kumar. H. M (2017): "Study on influence of Alkalis on the consistent and other properties of Sun-Dry Cured Geo Polymer Mortar", International Conference on Composite Materials and Structures - ICCMS 2017 Madan Kumar L, Vadiraj Rao N R, Chandana Prasad B G and Rajani. A (2019): " Implementaion of Techniques and its Management on Constructional Activities", National Conference on Emerging Trends in Science and Engineering, NCETSE - 2019, 25- 		

	<p>27 April, 2019</p> <ul style="list-style-type: none"> • Madan Kumar L, Pruthviraj S R and Ravi Kumar C M (2022): “Expanded Polystyrene as Fine Aggregates in Concrete Paver Blocks – An Experimental Study”, International Conference on Engineering, Management and Technology (ICETEMT-2022), 127-128, June 2022
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>-</p>

Faculty Profile			
Name	Hema H.		
Date of Birth	01-03-1988		
Unique ID	NIE566		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching :8 YEARS	Research :	Industry :	
Others :	Area of Specialization : Structural Engineering	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> Hydrology and Irrigation Engineering Design and Drawing of Irrigation Structures Basic Material Testing Laboratory Geo-Technical Engineering Laboratory Engineering Mechanics Prestressed Design of Concrete Structures Fundamentals of RC Design Transportation Engineering Highway Engineering Design of RC Structures Detailing of RC structures Highway Material Testing Laboratory Sustainable Design Concept for Building Services Highway Construction and Maintenance Special Concretes and Construction Chemicals 	
<ul style="list-style-type: none"> Research Guidance (Number of Students) M.Tech-02 (completed) 			
No of papers Published in	National:	International Journals :4	Conferences :2
M. Sc (Completed / Ongoing) :	-nil-		
Ph.D (Completed / Ongoing) :	-nil-		
Projects Carried Out :	-nil-		
Patents (Filed & Granted)	-nil-		
Technology Transfer :	MOODLE, GOOGLE CLASSROOM		
Research Publications:	4		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	-nil-		

Faculty Profile

Name	Ms. Kanchana M S	
Date of Birth	04-11-1982	
Unique ID	NIE425	
Education Qualifications	BE, Engineering MAsC (McMaster University, Canada)	

• Work Experience


Teaching : 11Yrs	Research : 2 Yrs	Industry : 4 Yrs
Others :	Area of Specialization :Environmental Engineering	Courses Taught at UG/PG Level : UG Engineering Mechanics Introduction to Civil Engineering Introduction to Python Programming Innovation and Design Thinking Water Supply Engineering Waste water Engineering Air Pollution and Control Mechanics of Fluids Applied Hydraulics Engineering Environmental Impact Assessment Environmental Studies CAD Lab Hydraulics Lab Environmental Engineering Lab PG Hydropower Engineering RS and GIS

• Research Guidance (Number of Students)10M.Tech Students

No of papers Published in	National:	International Journals : 1	Conferences :3
M. Sc (Completed / Ongoing) :	----		

Ph.D (Completed / Ongoing) :	----
Projects Carried Out :	Validation of Biosensor to detect pesticides
Patents (Filed & Granted)	----
Technology Transfer :	----
Research Publications :	4
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	----

Faculty Profile

Name	Dr. Punith B Kotagi	
Date of Birth	13/02/1990	
Unique ID	NIE691	
Education Qualifications	Ph.D. in Civil Engineering	


• **Work Experience**

Teaching : 6.5 years	Research : 4 years	Industry : 1.5 years
Others : NA	Area of Specialization : Transportation Engineering	Courses Taught at UG/PG Level : <u>Undergraduate Level:</u> Transportation Engineering Highway Engineering Airport Engineering Building Materials and Construction Traffic Engineering Urban Transportation and Planning Engineering Mechanics Pavement Construction Pavement Evaluation and Management Highway Construction

• **Research Guidance (Number of Students) –**


No of papers Published in	National: NIL	International Journals : 08	Conferences :12
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	03 (Ongoing)		
Projects Carried Out :	01		
Patents (Filed & Granted)	-		
Technology Transfer :	-		

Research Publications :	20
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-

Faculty Profile			
Name	R Vedaprada		
Date of Birth	01.11.1985		
Unique ID	NIE396		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 13 years , 6 months	Research :Nil	Industry :Nil	
Others :Nil	Area of Specialization :Environmental Engineering	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> • Engineering Mechanics • Hydraulic Machinery • Fluid Mechanics • Hydrology and Irrigation Engineering • Water Supply Engineering • Wastewater Engineering • Environment Impact Assessment 	
<ul style="list-style-type: none"> Research Guidance (Number of Students):nil 			
No of papers Published in	National: Nil	International Journals :01	Conferences : Nil
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	Registered		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		

Research Publications :	Nil
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil

Faculty Profile


Name	VADIRAJ RAO N R	
Date of Birth	28/03/1983	
Unique ID	NIE 515	
Education Qualifications	M.Tech (PhD)	

• **Work Experience**

Teaching : 08 Years	Research : -----	Industry : 7.5 Years
<p>Courses Taught at UG/PG Level :</p> <p><u>UG Level :</u></p> <p>Strength of Materials</p> <p>Fundamentals of Structural Analysis</p> <p>Analysis of Indeterminate Structures</p> <p>Design of RC Structures</p> <p>Design of Steel Structures</p> <p>Detailing of RC & Steel Structures</p> <p><u>PG Level :</u></p> <p>Advanced design of RC Structures</p> <p>Advanced Design of Steel Structures</p>	<p>Area of Specialization :</p> <p>Structural Engineering</p>	<p>ORGANIZATION : Potential + SEMAC private ltd, Bangalore</p> <p>DESIGNATION : Design engineer</p> <p>DURATION : 2007 Sept – 2009 Aug</p> <p>ORGANIZATION : Manasa consultants, Malleshwaram, Bangalore</p> <p>DESIGNATION : Senior design engineer</p> <p>DURATION : 2009 Dec – 2010 June</p> <p>ORGANIZATION : L&T Constructions, Metallurgical & Material handling (MMH) division, EDRC Kolkata</p> <p>DESIGNATION : Assistant</p>

		Engineering Manager (Civil) DURATION : 2010 October – 2015 June	
<ul style="list-style-type: none"> Research Guidance (Number of Students): ----- 			
No of papers Published in	National: 04	International Journals : 06	Conferences :03
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	KSCST-04Projects		
Patents (Filed & Granted)	-----		
Technology Transfer :	-----		
Research Publications :	03		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-----		

Faculty Profile

Name	Dr. Abhishek A Pathak	
Date of Birth	13 th August 1991	
Unique ID	NIE830	
Education Qualifications	Ph.D.	

• **Work Experience**

Teaching : 5	Research : 5	Industry : -
Others :	Area of Specialization : Water Resources Engineering	Courses Taught at UG/PG Level : <u>UG Courses</u> Engineering Mechanics, Fluid Mechanics, Hydraulics and Hydraulic Machineries, Water Supply Engineering, Research Methodology, Hydrology and Irrigation Engineering, Design and Drawing of Irrigation Structures, Building Materials and Concrete Technology, Fluid Mechanics Laboratory <u>PG Courses</u> Surface Water Hydrology, Hydrological Modeling, Hydraulics and Hydrologic Engineering Laboratory, Research Methodology, Hydro Systems Computational Laboratory

- Research Guidance (Number of Students)- 3 Doctoral students (Ongoing); M.Tech: 11 (completed) 3(ongoing)

No of papers Published in	National:	International Journals : 12	Conferences : 13
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	"Experimental Investigation of Infiltration Response to Soil Moisture and Soil Temperature Conditions in Urban and Suburban Ecosystem ". (Ongoing)		
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	<i>Journal Publications</i>		

1. **Pathak, A.A.**, Mathad, A.R. & Gagnon, A.S. (2024) Integrating socio-economic variables in urban flood damage assessments: a case study of Bengaluru, India. *Nat Hazards* (2024). <https://doi.org/10.1007/s11069-024-07019-9>
2. Rajeev, H., Gururaj, P., & **Pathak, A. A.** (2024). Dynamic Monitoring of Surface Soil Moisture Fluctuations Using Synthetic Aperture Radar and Data-Driven Algorithms. *Applied Geomatics*.
3. Thaggahalli Nagaraju, S.K., **Pathak, A.A.** (2024) Retrieving Surface and Rootzone Soil Moisture Using Microwave Remote Sensing. *J Indian Soc Remote Sens* 52, 1415–1430 (2024). <https://doi.org/10.1007/s12524-024-01881-7>
4. Harshith, Y., & **Pathak, A. A.** (2023). Evaluation of Infiltration Models in an Agricultural Catchment Using Guelph Permeameter in Mysore District. In *Surface and Groundwater Resources Development and Management in Semi-arid Region: Strategies and Solutions for Sustainable Water Management* (pp. 57-78). Cham: Springer International Publishing.
5. **Pathak, A.A.**, Dodamani, B.M. (2021). “Connection between Meteorological and Groundwater Drought with Copula-Based Bivariate Frequency Analysis”. *Journal of Hydrologic Engineering (ASCE)*. 26 (7). [https://doi.org/10.1061/\(ASCE\)HE.1943-5584.0002089](https://doi.org/10.1061/(ASCE)HE.1943-5584.0002089).
6. **Pathak, A.A.**, Dodamani, B.M., (2020). "Trend Analysis of Rainfall, Rainy-days and Drought: A Case Study for Ghataprabha River Basin, India". *Modeling*

Earth Systems and Environment. 6, (1357–1372). DOI: 10.1007/s40808-020-00798-7.

7. **Pathak, A.A.**, Dodamani, B.M., (2019). “Comparison of Meteorological Drought Indices for Different Climatic Regions of an Indian River Basin”. Asia-Pacific Journal of the Atmospheric Sciences. DOI: 10.1007/s13143-019-00162-5.
8. **Pathak, A.A.**, Dodamani, B.M., (2019). “Application of remotely sensed NDVI and soil moisture to monitor long-term agricultural drought”. Earth Resources and Environmental Remote Sensing/GIS Applications. 111 56. doi.org/10.1117/12.2532852.
9. **Pathak, A.A.**, Dodamani, B.M., (2018). “Trend Analysis of Groundwater Levels and Assessment of Regional Groundwater Drought: Ghataprabha River Basin, India”. Natural Resources Research. 28-3 (631–643) doi.org/10.1007/s11053-018-9417-0.
10. **Pathak, A.A.**, Dodamani, B.M., (2018). “Assessment of Agricultural Drought by Remote Sensing Technique”. Remote Sensing for Agriculture, Ecosystems, and Hydrology. 10783, (1-13). doi.org/10.1117/12.2325494.
11. **Pathak, A.A.**, Nizar, S., Dodamani, B.M., (2018) “Trends in Agro-Meteorological Parameters as Groundwater Exploitation Indicators”. Earth and Environmental Science., 167(1-9). doi :10.1088/1755-1315/167/1/012004.
12. **Pathak, A.A.**, Channaveerappa, Dodamani, B.M., (2016). “Comparison of Two Hydrological Drought Indices”. Perspectives in Science 8 (1–4).

International Conference


1. Kumar, T.N.S., **Pathak, A.A.** (2024). Evaluation of Surface Soil Moisture Using Remote Sensing and Field Studies. In: Mesapam, S., Ohri, A., Sridhar, V., Tripathi, N.K. (eds) Developments and Applications of Geomatics. DEVA 2022. Lecture Notes in Civil Engineering, vol 450. Springer, Singapore. https://doi.org/10.1007/978-981-99-8568-5_16
2. B. S. Pavithra, G. Punithraj and **A. A. Pathak**, (2023) "Flood Hazard Mapping Using GIS-Enhanced Multi-Criteria Decision Analysis In Kushalnagara Taluk, India," 2023 IEEE India Geoscience and Remote Sensing Symposium (InGARSS), Bangalore, India, 2023, pp. 1-4, doi: 10.1109/InGARSS59135.2023.10490352.
3. Hrushikesh. R, **A. A. Pathak** and G. Punithraj, (2023) "Quantifying Surface Soil Moisture Variability Through Synergistic Applications of SAR and Machine Learning Techniques," 2023 IEEE India Geoscience and Remote Sensing Symposium (InGARSS), Bangalore, India, pp. 1-4, doi: 10.1109/InGARSS59135.2023.10490387.
4. R., P. Gururaj and **A. A. Pathak**, (2023) "Flood Frequency Analysis and Assessment of Submergence Level for the Mathikere Catchment - A Flood Resilient Region in Bengaluru," 2023 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), Bangalore, India, pp. 1-6, doi: 10.1109/CONECCT57959.2023.10234747.
5. Shekar, N.C.S., **Abhishek, P.A.** (2022). Evaluation of ArcSWAT Model for Streamflow Simulation in the Humid Tropical Netravathi Catchment. In: Bhattacharjya, R.K., Talukdar, B., Katsifarakis, K.L. (eds) Sustainable Water Resources Management. Advances in Sustainability Science and Technology. Springer, Singapore. https://doi.org/10.1007/978-981-16-7535-5_8
6. Datta R., **Pathak A.A**, Dodamani B.M. (2019) "Assessment of Meteorological Drought Return Periods Over A Temporal Rainfall Change" International conference on "Civil Engineering Trends and Challenges for Sustainability" (CTCS-2019). Held

from 23-24 May 2019 at NMAM Institute of Technology, Nitte, Karkala, India.


7. **Pathak A.A**, Dodamani, B.M. (2019) “Enhancement in the Characterization of Historical and Future Droughts with a Copula Based Integrated Drought Index" AGU General Assembly 2019, held at San-Francisco, CA, USA from 9-13 December 2019.
8. **Pathak A.A**, Dodamani, B.M. (2019) “Analysis of Agricultural Drought and Investigation of Bivariate Return Periods using Copula” EGU General Assembly 2019, 7–12 April 2019, Vienna, Austria.
9. **Pathak A.A.**, Dodamani B.M. (2018) “Assessment of Agricultural Drought by Remote Sensing Technique” SPIE Remote Sensing 2018. 10-13 September 2018, Berlin, Germany.
10. **Pathak A.A.**, Dodamani B.M. (2017) “Drought assessment for Ghataprabha River basin - a multi probability approach” 3rd World’s Large River Conference on the “Status and Future of the World’s Large Rivers”. April 18 - 21, 2017. New Delhi, India
11. P., Inayathulla M., Chalapathi K., **Pathak A.A.** (2016) “Hydrologic Analysis Of Suryanagar watersheds Using IDF Curves And Runoff Models” International Conference & Exhibition on Best Practices in Sustainable Water, Wastewater & Energy Management-SWWEM-2016. 16-19th August, 2016, IISC Bangalore, India.
12. **Pathak A.A.**, Dodamani B.M. (2016) “A Review on Agricultural Drought Indices”, HYDRO 2016 - 21st International Conference on Hydraulics, Water Resources and Coastal Engineering, 8-10 December 2016. ISH-Pune, India.
13. **Pathak A.A**, Inayathulla M. Dodamani B.M. (2015) “Generation Of Unit Hydrographs For Flood Studies For An Ungauged Catchment Area” HYDRO 2015 – 20th International Conference on Hydraulics, Water Resources and River Engineering, 17-19 December, 2015, IIT Roorkee, India.


No. of Books published with details :
(Name of Book, Publisher with ISBN,
Year of publication, Etc)


Faculty Profile


Name	Dr. SriRashmi S		
Date of Birth	16.04.1987		
Unique ID	NIE533		
Education Qualifications	B. E (Environmental Engineering) MTech (Environmental Engineering) Ph.D. Faculty of Civil Engineering Science		
Work Experience			
Teaching: 12	Research: 9	Industry: NA	
Others: -Institute-level Co-Ordinator for Centre for Workplace Safety and Health (CWSH) NIE South Campus, Mysuru. -Department Time Table Co-Ordinator and -Department Level Coordinator for AICTE Activity -NBA Criteria 5 Coordinator of NBA and NAAC Criteria Files	Area of Specialization: Environmental Engineering	Courses Taught at UG/PG Level: Occupational Safety & Health Monitoring Occupational Safety and Health for Civil Engineers Sustainable Rural Development Solid Waste Management Hydraulic Structures Engineering Mechanics Water Supply Engineering Hydrology & Irrigation Engineering Design & Drawing of Irrigation Structures Building Planning & Drawing Environmental Engineering Lab Hydraulics Laboratory	
Research Guidance (Number of Students): NA			
No of papers Published in	National: 1	International Journals: 2	Conferences :2
M. Sc (Completed / Ongoing):	NA		
Ph.D. (Completed / Ongoing) :	Completed		
Projects Carried Out:	Project Guidance: UG Project - Student Project sponsored for KSCST 46 th Series for the academic year 2022-2023 for the Working Model		


	<p>development of Sequential Batch Reactor for Jwalamala Flour Mill Wash-Water Treatability Technique (Approved for IPR).</p> <p>Project Guidance: UG Project -Student Project sponsored by Indian Water Works Association (IWWA) for the academic year 2023-2024</p>
Patents (Filed & Granted)	<p>Filed.</p> <p>Working Model development of Sequential Batch Reactor for Flour Mill WashWater Treatability Technique</p>
Technology Transfer:	<p>Guiding 2 batches of the UG Project students associated with UOM, who work on phytoremediation using hydroponics as a technique.</p>
Research Publications:	<ol style="list-style-type: none"> 1. SriRashmi S., Varshini R., D. Istalingamurthy & K.S. Lokesh (2020), "Study on Impact of Ecological Sanitation on Water and Possible Health Implications at Mosarahalla Village – Karnataka", Vol. LII No. 3 July-September 2020. 2. Adithya. R., Manvitha A. Urs., Kavya K.N., Abhishek V. Gowda., Sri Rashmi. S., Balaji N. C. (2021),"Experimental study on Compressive Strength and Healing Behaviour of Bio-Concrete", National Conference on Innovations & Recent Trends in Civil Engineering (NCIRCE-2021) 9th and 10th June 2021, Sri Venkateshwara College of Engineering, Bengaluru, India. 3. Srirashmi S., Varshini R., Istalingamurthy D., Lokesh K.S. (2022) Possible Risk on Human Health and Agricultural Land Associated with Application of Humanure, Sustainability Trends and Challenges in Civil Engineering, Civil Engineering Trends and Challenges for Sustainability (CTCS 2020) during 22nd and 23rd December 2020, by the department of civil engineering NMAM Institute of Technology NITTE
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, etc.)	<ol style="list-style-type: none"> 1. Srirashmi S., Varshini R., Istalingamurthy D., Lokesh K.S. (2022) Possible Risk on Human Health and Agricultural Land Associated with Application of Humanure, Sustainability Trends and Challenges in Civil Engineering. Lecture Notes in Civil Engineering, vol 162. Springer, Singapore. https://doi.org/10.1007/978-981-16-2826-9_40


Faculty Profile			
Name	Shruthi A N		
Date of Birth	19-06-1992		
Unique ID	NIE735		
Education Qualifications	BE(Civil Engineering) ME(Construction Engineering & Management)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 7.5 YEARS	Research :03	Industry :00	
Others :00	Area of Specialization : Engineering Management Research Area: Geotechnical Engg.	Courses Taught at UG/PG Level : 1. Engineering Mechanics 2. Engineering Economics and Financial Management 3. Engineering Management 4. Introduction to Engineering Design 5. Analysis and Design of Substructures.	
<ul style="list-style-type: none"> Research Guidance (Number of Students):00 			
No of papers Published in	National: 00	International Journals :0	Conferences :03
M. Sc (Completed / Ongoing) :	Construction Engineering & Management		
Ph.D (Completed / Ongoing) :	ONGOING		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile			
Name	Dr. Sanjith S. Anchan		
Date of Birth	22.08.1991		
Unique ID	NIE976		
Education Qualifications	Ph.D (NITK Surathkal), M.Tech. (MIT, Manipal) B.E. (VTU)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 5	Research : 5	Industry : 0.5	
Others : ---	Area of Specialization : Environmental Engineering	Courses Taught at UG/PG Level : @NIE, Mysuru Air Pollution & Control (1) Built Environment & Ergonomics (2) Research Methodology (1) Engg. Survey Practice (LAB)(2) Water Supply & Wastewater Engineering (1) Biology for Engineers (1) Environmental Studies (5) Python Lab (2)	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals : 14	Conferences : 10
M. Sc (Completed / Ongoing) :	Completed M.Tech. (MIT, Manipal)		
Ph.D (Completed / Ongoing) :	Completed Ph.D (NITK Surathkal)		
Projects Carried Out :	08		
Patents (Filed & Granted)	NA		
Technology Transfer :	NA		
Research Publications :	14		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA		


Faculty Profile			
Name	Dr. Unnam Anil		
Date of Birth	16 th December, 1993		
Unique ID	NIE1054		
Education Qualifications	Ph.D., in Geotechnical Engineering, M.Tech. in Soil Mechanics and Foundation Engineering, & B.Tech. in Civil Engineering		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 3 months	Research: 5 years	Industry : ---	
Others : ---	Area of Specialization: Geotechnical Engineering	Courses Taught at UG/PG Level: Geotechnical Engineering, Highway Construction and Maintenance, Environmental Studies, Engineering Drawing Laboratory, Concrete Technology Laboratory, Highway Engineering Laboratory, Survey Engineering Laboratory,	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals: 03	Conferences: 04
M. Sc (Completed / Ongoing):			
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out:			
Patents (Filed & Granted)	One patent filed		
Technology Transfer:			
Research Publications:	08		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)			

Faculty Profile			
Name	Dr. Vasanth Keshav		
Date of Birth	20/01/1991		
Unique ID	NIE931		
Education Qualifications	PhD		
• Work Experience			
Teaching : 03 year	Research : 05 years	Industry : Nil	
Others : NA	Area of Specialization : Structural Engineering	Courses Taught at UG/PG Level :	
• Research Guidance (Number of Students)			
No of papers Published in	National: 01	International Journals : 10	Conferences : 18 Proceedings
M. E (Completed / Ongoing) :	7 Completed		
Ph.D (Completed / Ongoing) :	Nil		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	5 Filed		
Technology Transfer :	Nil		
Research Publications :	6 Journal Articles, 5 Book Chapters and 18 Conference Proceedings.		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		


Faculty Profile			
Name	Ms. Syeda Shabista Parveen		
Date of Birth	11/07/94		
Unique ID	NIE910		
Education Qualifications	M. Tech (Hydraulics)		
<ul style="list-style-type: none"> Work Experience 			
Teaching:4 years	Research: Nil	Industry : Nil	
Others : Nil	Area of Specialization : Hydraulics	Courses Taught at UG/PG Level:Fluid Mechanics, Hydrology & Irrigation, Applied Hydraulics,Free Surface Flow, Real fluid flow, Surface water hydrology, water resource management	
<ul style="list-style-type: none"> Research Guidance (Number of Students) 			
No of papers Published in	National: 0	International Journals: 0	Conferences: 0
M. Sc (Completed / Ongoing) :	M. Tech Completed		
Ph.D (Completed / Ongoing) :	VTU- ETR registered		
Projects Carried Out :	Time series analysis of groundwater levels Groundwater prediction using ANN Crop water optimization for the crop pattern Smart urban water management for combined sewer overflow mitigation		
Patents (Filed & Granted)	Nil		
Technology Transfer :	-		
Research Publications :	Nil		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile			
Name	Sachin V		
Date of Birth	14-12-1990		
Unique ID	NIE852		
Education Qualifications	B.E.(Civil), M.Tech(Structures), (PhD)		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 6	Research:2	Industry:1	
Others:3	Area of Specialization : Structures	Courses Taught at UG/PG Level : 6	
<ul style="list-style-type: none"> Research Guidance (Number of Students): 0 			
No of papers Published in	National: 0	International Journals: 2	Conferences: 5
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	A Software tool to conduct Fire Safety Audit and to quantify the fire safety index. (Completed)		
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	<ul style="list-style-type: none"> National Conference –Suresh, G. S.; Sachin, V. (2015). Seismic performance evaluation and retrofitting of RC members and joints. In International conference on biotechnology, civil, and chemical engineering (ICBCCE) (pp. 23-36), Goa: Technical Research Organization India. International Conference – <ol style="list-style-type: none"> Dr. N Suresh, Mr. Sachin V and Mr. Avinash A patil (2019). “Comparative analysis of residual strength of RC elements exposed to elevated temperature”. PROTECT 2019, Whistler, BC Canada. Manoj Kumar C V, SachinV, N Suresh, &NaveenB O (2023). ”The Collapse Mechanism of Composite Steel Framed Structure Exposed to Parametric Design Fire and Travelling Fire Scenarios. Sustainable Materials and Practices for Built Environment (SMPBE-2023). Manipal University, Jaipur; Material Today Proceedings. Amar C R, Sachin V, & N Suresh (2022). Analytical 		

	<p>studies on the fire resistance of reinforced concrete beams exposed to parametric time-temperature curve. In 4th International Conference on Trends and Recent Advances in Civil Engineering (TRACE-2022) Amity University, Noida; Springer Nature Proceedings.</p> <p>4. Jafar, K. M., & Sachin, V. Performance Evaluation of Fire Exposed RC Structure Using Pushover Analysis. <i>Civil Engineering for Multi-Hazard Risk Reduction</i>, 455.</p> <p>• International Journal Articles:</p> <ol style="list-style-type: none"> 1. V, Sachin. and Suresh, N. (2021), "Residual properties of normal-strength concrete subjected to fire and sustained elevated temperatures: A comparative study", Journal of Structural Fire Engineering, Vol. 12 No. 1, pp. 1-16. 2. Vijaya Kumar, S. and Suresh, N. (2022), "Study on the residual performance of RC beams exposed to processed temperatures and fire", Journal of Structural Fire Engineering, Vol. 13 No. 3, pp. 269-292. https://doi.org/10.1108/JSFE-08-2021-0051
<p>No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>0</p>

Faculty Profile			
Name	Jayanth K	Photo Size 2inch x 2inch 	
Date of Birth	23-10-1986		
Unique ID	NIE853		
Education Qualifications	Ph.D., M.Tech, B.E.		
• Work Experience			
Teaching: 11	Research: 03	Industry: 01	
Others: NA	Area of Specialization: Structural Engineering	Courses Taught at UG/PG Level: Engineering Mechanics, Strength of Materials, Analysis of Determinate Structures, Analysis of Indeterminate Structures, Design of RC Structural Elements, Design of Steel Structures, Design and Drawing of RC Structures, Design and Drawing of Steel Structures, Advanced Foundation Design, Surveying, Transportation Engineering, Computational Structural Dynamics, Seismic Resistant Design of Structures, Action and Response of Structural Systems, Finite Element Analysis	
• Research Guidance (Number of Students): NIL			
No of papers Published in	National: 1	International Journals: 04	Conferences: 05
M. Sc (Completed / Ongoing):	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out:	NIL		

Patents (Filed & Granted)	NIL
Technology Transfer:	NIL
Research Publications:	10
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc.)	NIL


Faculty Profile			
Name	Dr. YUSUF JAVEED		Photo
Date of Birth	6 MARCH 1965		
Unique ID	NIE010		
Education Qualifications	M.E. (Engg. Mngt., UOM), M.Tech. (Env. Engg., IIT-Bom), M.E. (Groundwater, The Netherlands), Ph.D (Water Resources, IISc, Bang.)		
<ul style="list-style-type: none"> • Work Experience 			
Teaching: 35 YEARS	Research: 21 YEARS	Industry: NIL	
Others:	Area of Specialization: Engineering Management, Environmental Engineering, Ground Water Management, Water Resources Management.	Courses Taught at UG/PG Level: <ul style="list-style-type: none"> • FLUID MECHANICS • APPLIED HYDRAULIC ENGINEERING • IRRIGATION ENGINEERING • GROUNDWATER ENGINEERING • PIPE NETWORK ANALYSIS AND DESIGN • ENVIRONMENTAL ENGINEERING • ENGINEERING MANAGEMENT • WATER RESOURCES MNGT 	
<ul style="list-style-type: none"> • Research Guidance (Number of Students) FOUR 			
No of papers Published in	National: 0	International Journals: 5	Conferences: 12
M. Sc (Completed / Ongoing):	NIL		
Ph.D (Completed /Ongoing) :	FOUR (ONGOING)		


Projects Carried Out:	<ul style="list-style-type: none"> • CONSULTANT TO BHABHA ATOMIC RESEARCH CENTRE (BARC) IN WATER RESOURCES. • MOES ONGOING PROJECT: IMPACT OF LULC AND CATCHMENT CHARACTERISTICS ON RUNOFF AND GROUNDWATER DYNAMICS OF WESTERN GHATS, KARNATAKA (FUND: 33 LAKHS FOR 3 YEARS 2018-2022) • RPS-NDF ONGOING PROJECT: HYDROLOGICAL STUDIES IN CATCHMENTS OF WESTERN GHATS WITH IMPETUS ON GROUNDWATER SYSTEM (FUND: 6.40 LAKHS FOR THREE YEARS 2019-2023)
Patents (Filed & Granted)	NIL
Technology Transfer:	NIL
Research Publications:	<ol style="list-style-type: none"> 1. Sajid.S.A., Javeed, Y., Nagaraju, D. (2003). Conservation, Artificial Recharge of Groundwater to overcome Groundwater Depletion- Case Study around Chamarajnagar Area (Karnataka). Proceedings of ISWRPM-2003, 11-12 October, 2003, BITS, Pilani. (NC) 2. Sekar.M.,Rasmi S.N., Javeed Y., Gowrisankar D., and Ruiz L., (2006) Advances Modeling the ground water dynamics in a semi-arid hard rock aquifer influenced by boundary fluxes, spatial and temporal variability in pumping /recharge. Advances in Geosciences, Hydrological Sciences (ed) Park, N, Vol.4, P.173-181. (IJ) 3. Satkumar, JaveedY., Sekar M., An alternative approach for estimation of ground water recharge and discharge in a hard rock aquifer. Proceedings of CGWB workshop, New Delhi, 23-24 Feb 2009, pp234-245. (NC) 4. Sekhar, M., Javeed, Y., Bandyopadhyay S. and Mazzega, P. Analysis of groundwater dynamics due to climatic variability and land use effects: A case study in the Kabiniriver basin of South of India. Proceedings of workshopon Ground water scenario, water quantity and enhancement of water use efficiency in Karnataka and Goa, Bangalore 25-26

Feb 2009, pp. 58-65. (NC)

5. Y. Javeed, M. Sekhar, S. Bandyopadhyay, EOF and SSA analyses of hydrological time series to assess climatic variability and land use effects: A case study in the Kabini River basin of South India. Trends and Sustainability of Ground water in Highly stressed Aquifers (Proc. Of Symposium JS.2 at the Joint IAHS & IAH convention, Hyderabad, India, Hyderabad, India, September 2009) (IC)
6. Sekar M., Javeed Y. & Mangiarotti S., Climatic variability and anthropogenic effects on ground behavior in the upper Cauvery river basin (south India) International Ground water conference on Ground water Dynamics and Global change March 19-22, University of Rajasthan, Jaipur (NC)
7. M.Sekar, Y.Javeed, B.S.Soumya, S. Bandyopadhyay and P.Mazzega Time series and water balance models to asses the climatic variability and land use effects in Kabini river basin, South India. Goldschmidt Conference June 21-26, 2009 in Davos, Switzerland. (IC)
8. Sekar M., 1,4 Javeed Y., 1,4 Bandyopadhyay S., 2 Mangiarotti, S. 3 and Mazzega, P.3,4 Groundwater management practices and emerging challenges: Lessons from a case study in the Karnataka State of South India. Monograph on Groundwater management practices, Ground water Hydraulics and Management committee of the International Association for Hydro-Environment Engineering and Research (IAHR) (IJ)
9. Dr. Yusuf Javeed, Bharath C., Ashwini R. Bharadwaj, Manjunath B, Naveen Kumar N. Sagar "Rainfall-runoff model for a sub-basin of Cauvery river at Kushalnagar" National Conference on Recent Developments in Civil Engineering, Vidya Vikas Institute of Engineering & Technology at Mysore, Karnataka on 8th and 9th of April 2011 (NC)
10. S. Mangiarotti, M. Sekhar, L. Berthon, Y. Javeed, P. Mazzega "Causality analysis of groundwater dynamics based on a Vector Autoregressive model in the semi-arid basin of Gundal (South India), Journal of Applied Geophysics, 83 (2012) 1-10 (IJ)
11. Vidya V.K., K.C. Manjunath, Yadupathi Putty & Yusuf Javeed, " Dried up lakes around Mysore city- A case study of Moogiahana Hundi lake ", National Conference on Advances in Engineering and Technology-2013 (NCAET-2013), Nov. 2013, Ekalavya institute of technology. Ummatthur, Chamarajanagar. (NC)


	<p>12. Nagarathna H.R & Yusuf Javeed, “Assessment of ground water draft and recharge using census datasets”, International symposium on Integrated water Resources Management (IWRM-2014) Feb 19-21, 2014, CWRDM, Kozhikode, Kerala, India. (IC)</p> <p>13. Yusuf Javeed & Aproova K.V, “ Flow Regionalization under limited data availability – application of IHACRES in the Western Ghats” International Conference / Journal on Water Resources, Coastal & Ocean Engineering (ICWRCOE 2015) on March 2015 (IC)</p> <p>14. Apoorva K.V. and Yusuf Javeed. Rainfall – Runoff Simulation Using Hec-Hms Tool (A Case Study of Nethravathi River Basin). International Conference on Emerging Trends in Engineering (ICETE -2014) @ NITTE 15th – 17th May, 2014</p> <p>15. PriyankaJamwal, M. N. Naveen, and Yusuf Javeed- Estimating fast and slow reacting components in surface water and groundwater using a two-reactant model. Drinking Water Eng. Sci., 9, 19–25, 2016 (IJ)</p> <p>16. M. R. Y. Putty, Y. Javeed, G. B. Shishir Kumar, and K. Ashwini , Development of Intensity-Duration-Depth Relationships for Western Ghats in Karnataka, South India: Pragmatic Approach for Utilizing Short Records. Journal of Hydrologic Engineering: (2021), 10.1061/(ASCE)HE.1943-5584.0002092 (IJ)</p> <p>17. M. R. Y. Putty, R. Darshan, Nalina Kumar, K. Resmy, Y. Javeed and N. Pandu, Soil Properties Influencing the Hydrology of Western Ghats: A Case Study in Karnataka. J. Inst. Eng. India Ser. A (2021), https://doi.org/10.1007/s40030-021-00574-5 (IJ)</p>
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>NIL</p>

Faculty Profile			
Name	Shashank T		
Date of Birth	18-02-1996		
Unique ID	NIE977		
Education Qualifications	B.E., M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 5	Research : 1	Industry :	
Others : -	Area of Specialization : Hydraulics	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> Fluid Mechanics and Hydraulics Applied Hydraulics Engineering Ideal Fluid Flow Pipe Network Analysis Design of Hydraulic Structures Groundwater Engineering 	
<ul style="list-style-type: none"> Research Guidance (Number of Students) - 9 (8 UG + 1 PG) 			
No of papers Published in	National: 0	International Journals : 0	Conferences : 0
M. Sc (Completed / Ongoing) :	-		
PhD (Completed / Ongoing) :	About to register		
Projects Carried Out :	<ol style="list-style-type: none"> Modeling and Assessing the Hydraulic Characteristics of Flow over an Ogee Spillway using CFD at Harangi Reservoir, India. Modeling of Flow Patterns over a Submerged Weir using SimFlow. Modelling of Storm Water Drainage System in Chamarajanagar Town using EPA-SWMM – A Case Study. 		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile			
Name	Dr. N. C. Balaji		
Date of Birth	10 th November 1981		
Unique ID	NIE 614		
Education Qualifications	D.C.E, B.E.(Civil)., M.Sc. (Engg), Ph.D. (IISc)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 8yrs	Research : 15 yrs	Industry : 5 yrs	
Others : <ul style="list-style-type: none"> Principal Member in Bureau of Indian Standards (BIS) in CED 45 - Safety in Construction Sectional Committee & EED 07 - Sustainability in Building Construction Sectional Committee Editorial Member in Springer Nature 	Area of Specialization : Structures & Building Science	Courses Taught at UG/PG Level : Theory of Elasticity; Masonry Structures; Design and Drawing of Bridges, Fire Resistance of Structures; Sustainable Technologies and Green Building Concepts; Repair Rehabilitation & Maintenance of Structures	
<ul style="list-style-type: none"> Research Guidance (Number of Students) – 2 no. 			
No of papers Published in	National: 8	International Journals : 8	Conferences : 35
M. Sc (Completed / Ongoing) :	-NIL-		
Ph.D (Completed / Ongoing) :	1 Completed / 1 Ongoing		
Projects Carried Out :	<ul style="list-style-type: none"> BRNS Sponsored Research Project titled “<u>Software tool for Fire Safety Audit to Quantify the Fire Safety Index (FSI) of any Building</u>”, Project duration 2yrs (2018-2020), DAE-BRNS-Board of Research in Nuclear Sciences. 		
Patents (Filed & Granted)	<ul style="list-style-type: none"> Granted: Indian Patent No.363524 “<u>Double Guarded Hot Box</u>” Published: Indian Patent Application No. 202341028533 A “<u>Method of Producing Masonry Units Using Sugarcane Bagasse Ash as a Value-Added Material</u>” 		


Technology Transfer :	-NIL-
Research Publications :	51 Nos.
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-NIL-


MECHANICAL ENGINEERING

Faculty Profile		
Name	Dr.Prakash.K.R.	
Date of Birth	01/11/191968	
Unique ID College/AICTE	NIENG000226/ 1-1478788705	
Education Qualifications	Ph.D	
		
<ul style="list-style-type: none"> Work Experience 		
Teaching : 18	Research :13	Industry : ---8
Others : NIL	Area of Specialization : Design stream	Courses Taught at UG/PG Level : Mechatronics, Sensors Application in Manufacturing, Drives and Controls, Hydraulics & Pneumatics, Computer Aided Engineering Drawing
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 1 		
No of papers Published in	National: 14	International Journals : 48
	Conferences : 15	
M. Sc (Completed / Ongoing) :	Not Applicable	
Ph.D (Completed / Ongoing) :	4 Completed 8 Ongoing	
Projects Carried Out :	2	
Patents (Filed & Granted)	3	
Technology Transfer :	1	
Research Publications :	86	
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Book Chapters -2	


ELECTRICAL & ELECTRONICS ENGINEERING

Faculty Profile

Name	Dr.Gurumurthy S R		
Date of Birth	01-05-1961		
Unique ID			
Education Qualifications	B.E in Electronics& communication Engineering Master of Science in Power Electronics,PhD in Flywheel Energy Storage Systems		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 05	Research :35	Industry :35	
Others : nil	Area of Specialization: PowerElectronics	Courses Taught at UG/PG Level:10	
<ul style="list-style-type: none"> Research Guidance (Number of Students) -Nil 			
No of papers Published in	National: Nil	International Journals :03	Conferences:04
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	V.Agarwal and S.R.Gurumurthy, “ Apparatus and Method for Enhancement of Energy Harvested from a Flywheel Energy Storage System, " Indian Patent, May 2015, 1811/RQ/MUM/2015		
Technology Transfer :	Delivered lectures as a Resource person in many FDP and SDP's on Design of various power converter topologies such as AC/DC, DC/DC, DC/AC for power conversion with wide range of output power rating		
Research Publications :	07		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile			
Name	Dr.Pradeepa H		
Date of Birth	01-09-1980		
Unique ID	NIE073		
Education Qualifications	B.E in Electrical and Electronics Engineering M.Tech ,Phd		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 20	Research : 12	Industry :nil	
Others : nil	Area of Specialization :Power systems	Courses Taught at UG/PG Level : 15	
<ul style="list-style-type: none"> Research Guidance (Number of Students) -Completed (02), Ongoing (04) 			
No of papers Published in	National: nil	International Journals : 15	Conferences : 14
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	1. Digital Protection Algorithms for Renewable Integrated Grid, VGST-KFIST (L1), Government of Karnataka, Rs. 20 Lakhs, 2018 - 2020		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	15international journals and 14 conference papers published		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	DR. ARCHANA N V	
Date of Birth	24/10/1976	
Unique ID	1-784792994	
Education Qualifications	B.E., MTech, Ph.D.	


• Work Experience

Teaching : 26 years	Research :	Industry : ---
Others : ---	Area of Specialization : Power Electronics	<ol style="list-style-type: none"> 1. Courses Taught at UG/PG Level :Electric Circuit Analysis 2. Control Systems 3. Power Electronics 4. Transmission and Distribution 5. Computer Techniques in Power System 6. High voltage engineering 7. Renewable energy technologies 8. Smart City 9. Electrical Measurements and instrumentation 10. Smart grid 11. Microgrid Electric vehicle


• Research Guidance (Number of Students) --- 07

No of papers Published in	National: ---	International Journals: 15	Conferences : 18
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	01(published)Patent Published: Application number- 202341045212, Journal Number – 35/2023, Journal Date – 01/09/2023		
Technology Transfer :	Resource person for IEEE gurukul series , Talk on NEP		
Research Publications :	33		
No. of Books published with details :	NIL		


Faculty Profile

Name	Dr.Likith Kumar M V		
Date of Birth	31/05/1987		
Unique ID			
Education Qualifications	B. E, M.Tech(Power Systems), Ph.D		
• Work Experience			
Teaching: 15 years	Research: Nil	Industry: Nil	
Others: Nil	Area of Specialization: Power Systems	Courses Taught at UG/PG Level: Analog Electronics, Signals & Systems, Digital Signal Processing, Data Analytics & IoT, Electrical Power Quality	
• Research Guidance (Number of Students): 06(Ongoing)			
No of papers Published in	National:	International Journals: 11	Conferences: 08
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out:	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer:	-		
Research Publications:	19		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile

Name	Sonaxi Bhagawan Raikar		
Date of Birth	08/04/1994		
Unique ID	NIE695		
Education Qualifications	M.Tech		
• Work Experience			
Teaching: 6	Research: ----	Industry: ---	
Others: ---	Area of Specialization: Power Systems	Courses Taught at UG/PG Level : Control Systems, Electric Vehicles, Power System Analysis, Python Programming and Electrical Machines, Machine Learning	
• Research Guidance (Number of Students) ---			
No of papers Published in	National:	International Journals : 1	Conferences : 3
M. Sc (Completed / Ongoing) :	----		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	----		
Patents (Filed & Granted)	----		
Technology Transfer :	----		
Research Publications :	04		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	----		

Faculty Profile

Name	Dr. Jayasankar V N	
Date of Birth	25-12-1987	
Unique ID	NIE746	
Education Qualifications	Ph.D.	


• Work Experience

Teaching: 6	Research: 4	Industry: 1.5
Others : ---	Area of Specialization: Power Systems and Power Electronics	Courses Taught at UG/PG Level: <ul style="list-style-type: none"> • Power Electronics • Power System Analysis • Induction Machines and Synchronous Machines • Electric Vehicles • Battery Management Systems • Smart Grid Technology and Applications • Flexible AC Transmission Systems • Power System Analysis and Stability

• Research Guidance (Number of Students): 3

No of papers Published in	National: Nil	International Journals: 9	Conferences: 13
M. Sc (Completed / Ongoing) :	Nil		
Ph.D. (Completed / Ongoing):	3		
Projects Carried Out :	4		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	22		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	2 Book Chapters <ol style="list-style-type: none"> 1. Jayasankar, V.N., Vinatha, U. (2021). FPGA-Based Implementation of Backstepping Controller for Three-Phase Shunt Active Power Filter Interfacing Solar Photovoltaic System to Distribution Grid. In: Kumar, J., Jena, P. (eds) Recent Advances in Power Electronics and Drives. Lecture Notes in Electrical Engineering, vol 707. Springer, Singapore. https://doi.org/10.1007/978-981-15-8586-9_39 2. Ganavi, P., Jayasankar, V.N. (2024). Model Predictive Controller Based Virtual Inertia Controller for Enhancing the Frequency Stability of Microgrid. In: Suresh, S., Lal, S., Kiran, M.S. (eds) Intelligent Control, Robotics, and Industrial Automation. RCAAI 2023. Lecture Notes in Electrical Engineering, vol 1220. Springer, Singapore. https://doi.org/10.1007/978-981-97-4650-7_14 		

Faculty Profile

Name	Neeli Mallikarjuna	
Date of Birth	04-06-1991	
Unique ID	NIE801	
Education Qualifications	B.Tech, M.Tech	

• **Work Experience**

Teaching : 8.1	Research : Nil	Industry : Nil
Others : ---	Area of Specialization : Industrial Electronics	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> 1. Network Analysis 2. Field Theory 3. Power Electronics 4. Control systems 5. Analog Electronics 6. VLSI Circuits 7. Electrical and Electronics Measurements 8. DC machines and Transformers 9. Basic Electrical Engineering


• **Research Guidance (Number of Students) ---**

No of papers Published in	National: ---	International Journals : 02	Conferences : 01
M. Sc (Completed / Ongoing) :	--		
Ph.D (Completed / Ongoing) :	--		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	03		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile			
Name	Rohit K Mathew		
Date of Birth	31/07/1987		
Unique ID	NIE823		
Education Qualifications	Ph.D (National Institute of Technology Calicut) M.Tech in Power Systems (UCE, Rajasthan Technical University) B.Tech in Electrical & Electronics Engineering(Government Engineering College Thrissur)		
• Work Experience			
Teaching : 9 Y	Research : 5 Y	Industry : --- Nil	
Others : ---Nil	Area of Specialization : Power Systems, Renewable Energy, Power Electronics Applications to Power Systems, Smart Grid	Courses Taught at UG/PG Level : UG Courses <ul style="list-style-type: none"> • Basic Electrical Engineering • Electric Power Generation, Transmission and Distribution • Electrical Network Analysis • Switchgear and Protection • Smart Grid • Introduction to Engineering design • Engineering Management and Entrepreneurship • Energy Auditing and Management • Smart Grid • Non-Conventional Energy Sources • Power Systems • Biomedical Instrumentation PG Courses <ul style="list-style-type: none"> • Electrical Power Distribution Automation and Control • Distributed Generation and Microgrid • Research Methodology • Smart Grid-Technology and Applications • IoT in Smart Grid 	
• Research Guidance (Number of Students) --- M.Tech -06			
No of papers Published in	National: 0	International Journals : 4	Conferences : 12
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	Nil		

Projects Carried Out :	01
Patents (Filed & Granted)	00
Technology Transfer:	00
Research Publications:	16
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	0

Faculty Profile

Name	Mrs. SHRUTHI B	
Date of Birth	04-01-1988	
Unique ID	NIE878	
Education Qualifications	B.Tech, M.Tech	


• Work Experience

Teaching : 11	Research : Nil	Industry : Nil
Others : ---	Area of Specialization : VLSI Design and Embedded Systems	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> 1. Microcontrollers 2. Basic Electrical Engineering 3. Power System Analysis & Stability 4. Signals & Systems 5. VLSI Circuits and Design 6. Operational Amplifiers and Linear IC's 7. Control Systems 8. Embedded Systems 9. Computer Aided Electrical Drawing 10. Field Theory 11. Power Electronics 12. Electric vehicles


• Research Guidance (Number of Students) ---

No of papers Published in	National: --	International Journals : 04	Conferences : --
M. Sc (Completed / Ongoing) :	--		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	04		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile

Name	Mrs. Jayashree M		
Date of Birth	14-06-1989		
Unique ID	NIE934		
Education Qualifications	B.Tech, M.Tech		
• Work Experience			
Teaching : 10	Research : Nil	Industry : Nil	
Others : ---	Area of Specialization : Industrial Electronics	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> 1. Computer Techniques in Power System (PSA-2) 2. Digital System Design 3. Power System Operation & Control 4. Electrical Design, Estimation & Costing 5. Power Electronics 6. Transmission & Distribution 7. Electrical Measurements 8. Energy Audit & Demand-side Management 9. HighVoltage Engineering 10. Power System Planning 11. Management & Entrepreneurship 12. Computer Aided Electrical Drawing 13. VLSI Circuits and Design 14. Control Systems 15. Computer Aided Electrical Drawing 	
• Research Guidance (Number of Students) ---			
No of papers Published in	National: ---	International Journals : 03	Conferences : --
M. Sc (Completed / Ongoing) :	--		
Ph.D (Completed / Ongoing) :	--		
Projects Carried Out:	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer:	Nil		
Research Publications:	03		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile

Name	A Shifa Sultana	
Date of Birth	24-06-1996	
Unique ID	NIE905	
Education Qualifications	B.E, M.Tech	

• **Work Experience**


Teaching : 2 years 4 months	Research : ---	Industry : ---
Others : ---	Area of Specialization : Biomedical signal processing and instrumentation	Courses Taught at UG/PG Level : UG: 1. Biomedical Instrumentation 2. Management & Entrepreneurship 3. Digital electronics 4. Introduction to Python programming 5. Engineering Economics 6. Object oriented programming with C++ 7. Biology for Engineers 8. Data analytics and IoT 9. Introduction to C programming 10. Introduction to Machine learning

• **Research Guidance (Number of Students) ---**

No of papers Published in	National: ---	International Journals : ---	Conferences : ---
M. Sc (Completed / Ongoing) :	---		
Ph.D (Completed / Ongoing) :	---		
Projects Carried Out :	1. IoT based smart wireless sensor network for monitoring and controlling environment. 2. Voice disorder identification using machine learning techniques.		
Patents (Filed & Granted)	--		

Technology Transfer :	--
Research Publications :	--
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	--

Faculty Profile

Name	Mrs. Reshma P	
Date of Birth	12/05/1992	
Unique ID	NIE856	
Education Qualifications	B.E, M.Tech	


• Work Experience

Teaching : 6 years	Research : 4 years	Industry : ---
Others : ---	Area of Specialization : Power Electronics	<p>Courses Taught at UG/PG Level : UG: Industrial Automation Microcontrollers and related lab Basic Electrical Engineering and related lab Energy Management System (EMS) & SCADA Biomedical Instrumentation Sensors and Transducers Renewable Energy Sources Testing and Commissioning of Power System Apparatus</p> <p>PG: PLC and HMI</p>

• Research Guidance (Number of Students) ---

No of papers Published in	National: ---	International Journals : 3	Conferences : 1
M. Sc (Completed / Ongoing) :	---		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	High voltage gain for grid-tied applications using interfaced buck-boost-derived fly back converter approach with single switch.		
Patents (Filed & Granted)			
Technology Transfer :	Nil		
Research Publications :	04		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile

Name	Ashwini G	
Date of Birth	21-03-1996	
Unique ID	NIE906	
Education Qualifications	B. E, M.tech	


• **Work Experience**

Teaching: 2.4 years	Research:	Industry: Nil
Others:	Area of Specialization: Power Systems	Courses Taught at UG/PG Level: UG: <ol style="list-style-type: none"> 1. High voltage engineering 2. Electrical measurements and instrumentation 3. Introduction to electric vehicle technology 4. Agriculture engineering 5. Basic Electrical Engineering 6. Renewable energy , etc., PG: <ol style="list-style-type: none"> 1. Power system protection 2. Power quality and custom power devices, etc.,


• **Research Guidance (Number of Students) ---**

No of papers Published in	National: Nil	International Journals: Nil	Conferences: Nil
M. Sc (Completed / Ongoing) :	–		
Ph.D (Completed / Ongoing) :	–		
Projects Carried Out:	–		
Patents (Filed & Granted)	Nil		
Technology Transfer:	Nil		
Research Publications:	Nil		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		


Faculty Profile

Name	Ms. Jahnavi B P		
Date of Birth	07/08/1998		
Unique ID	NIE1017		
Education Qualifications	B.E, M.Tech		
• Work Experience			
Teaching : 1 year	Research : ---	Industry : ---	
Others : ---	Area of Specialization : Power systems	Courses Taught at UG/PG Level : UG: <ul style="list-style-type: none"> • Electric Vehicle Technology • Battery Management System • Management and Entrepreneurship • Agriculture Engineering PG: <ul style="list-style-type: none"> • Special Electrical Machines 	
• Research Guidance (Number of Students) ---			
No of papers Published in	National: ---	International Journals : - --	Conferences : 2
M. Sc (Completed / Ongoing) :	---		
Ph.D (Completed / Ongoing) :	---		
Projects Carried Out :	Techno-economic assessment of Solar Photovoltaic systems.		
Patents (Filed & Granted)	---		
Technology Transfer :	---		
Research Publications :	02		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		


Faculty Profile

Name	PREETHI S		
Date of Birth	18-10-1996		
Unique ID	NIE917		
Education Qualifications	B. E, M.tech		
• Work Experience			
Teaching: 2years	Research:	Industry: Nil	
Others: ---	Area of Specialization: Power electronics and drives	Courses Taught at UG/PG Level: UG: 1. Basic Electrical Engineering 2. Renewable Energy Technology PG: 1. Electric Vehicles 2. Control Systems	
• Research Guidance (Number of Students) ---			
No of papers Published in	National: Nil	International Journals: Nil	Conferences: 03
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	-		
Patents (Filed & Granted)	Nil		
Technology Transfer :	-		
Research Publications :	Conference Papers (3)		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-Nil-		


Faculty Profile

Name	Dr. Raju Yerolla		
Date of Birth	01-01-1991		
Unique ID	NIE1061		
Education Qualifications	PhD		
• Work Experience			
Teaching: 3 Months	Research: 5 Years	Industry: NIL	
Others: ---	Area of Specialization: Process Control	Courses Taught at UG/PG Level: UG <ol style="list-style-type: none"> 1. Introduction to Electrical Engineering 2. Industrial Automation 	
• Research Guidance (Number of Students) --- NIL			
No of papers Published in	National: ---	International Journals: 4	Conferences: 5
M. Sc (Completed / Ongoing):	-		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out:	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer:	NIL		
Research Publications:	16		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

PG – POWER SYSTEMS


Faculty Profile			
Name	Dr.R.Chidanandappa		
Date of Birth	12-04-1975		
Unique ID	NIE074		
Education Qualifications	B.E in Electrical and Electronics Engineering M.Tech in Electrical Energy Systems Phd in Electrical Engineering		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 20	Research : 12	Industry :nil	
Others : nil	Area of Specialization :Power systems	Courses Taught at UG/PG Level : 15	
<ul style="list-style-type: none"> Research Guidance (Number of Students) - 01 			
No of papers Published in	National: nil	International Journals : 16	Conferences : 12
M. Sc (Completed / Ongoing) :	nil		
Ph.D (Completed / Ongoing) :	Completed :M.Naveenkumar, 4NI19MEE02 AICTE-NDF scheme		
Projects Carried Out :	<p>On going projects :</p> <ol style="list-style-type: none"> 2. VGST KFIST- L1 sanctioned Research project <i>titled "Establishment of Real time monitoring system R&D Facility for efficient operation of Campus power distribution network"</i> with research fund Rs.20 Lakhs 3. Centre of Excellence in <i>"Renewable Energy Sources, Battery Management Systems and Internet of Things"</i> with research fund of 96 lakhs by The Department of Science & Technology (DST)-FIST, Government of India. 		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	16 international journals and 12 conference papers published		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

PG – CAID


Faculty Profile			
Name	Dr.B.R.Ananthapadmanabha		
Date of Birth	05-05-1970		
Unique ID	NIE742		
Education Qualifications	Ph.D		
• Work Experience			
Teaching :	Research :	Industry : ---	
Others : ---	Area of Specialization : Power Electronics and Drives	Courses Taught at UG/PG Level : UG courses taught <ol style="list-style-type: none"> 1. Electric Drives 2. Electric Machine Design 3. Control System 4. Basic-Electrical Engineering 5. Semiconductor Devices 6. Power Electronics, 7. Advanced Power Electronics PG courses taught <ol style="list-style-type: none"> 1. Power-Electronic Applications to Drives 2. Power Electronic Devices and Circuits 3. High-Frequency Switching Power supplies 	
• Research Guidance (Number of Students) ---NIL			
No of papers Published in	National: ---	International Journals : 6	Conferences :
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :			
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	06		
No. of Books published with details :	Nil		

ELECTRONICS & COMMUNICATION ENGINEERING


Faculty Profile

Name		Dr. S Parameshwara		
Date of Birth		25-07-1971		
Unique ID		NIE080		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 20 Years		Research: 10 Years		Industry: 2 Years
Others:	Area of Specialisation	Nano Electronics, Robotics	Courses Taught at UG / PG Level	UG Courses
Research Guidance (Number of Students)				
No. of Papers Published in	National Journal:	International Journal: 4	Conferences: 7	
M. Sc (Completed / Ongoing):	Nil			
Ph. D (Completed / Ongoing):	Completed: - , Ongoing: -			
Projects Carried Out:				
Patents (Filed & Granted)	Nil			
Technology Transfer:				
Research Publications:	10 most recent			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-			


Faculty Profile

Name		Dr. Narasimha Kaulgud		
Date of Birth		16-01-1964		
Unique ID		NIE498		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 27 Years		Research: 22 Years		Industry: 10 Years
Others:	Area of Specialisation	Image Processing, Parallel Processing Etc.	Courses Taught at UG / PG Level	Both UG & PG Courses
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal: - (last 3 years)	International Journal: 3	Conferences: 6
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: 3, Ongoing: 1		
Projects Carried Out:				
Patents (Filed & Granted)		Nil		
Technology Transfer:				
Research Publications:		9 (Most Recent)		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		Narasimha Kaulgud and U. B. Desai, Image Zooming: Use of Wavelets , in the book “Super-resolution imaging”, Edited by S. Chaudhury, Kluwer-Academic. Oct 2001		


Faculty Profile

Name		Mr. Anand Srivatsa		
Date of Birth		15-05-1970		
Unique ID		NIE510		
Educational Qualification		M. S (Ph. D)		
Work Experience				
Teaching: 9Years		Research: 5Years		Industry: 19 Years
Others:	Area of Specialisation	Software Engineering	Courses Taught at UG / PG Level	Both UG & PG Courses
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal:	International Journal:3	Conferences: 2
M. Sc (Completed / Ongoing):		Completed		
Ph. D (Completed / Ongoing):		Ongoing: -Thesis Submitted		
Projects Carried Out:		Nil		
Patents (Filed & Granted)		Nil		
Technology Transfer:		None		
Research Publications:		5		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		2 Book Chapters (IIP Series) chapter 1 and Chapter 2		


Faculty Profile

Faculty Profile				
Name		Dr. C. Anjanappa		
Date of Birth		22-07-1972		
Unique ID		NIE081		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 21 Years		Research: 10 Years		Industry: -
Others:	Area of Specialisation	Medical Image Processing	Courses Taught at UG / PG Level	UG Courses
Research Guidance (Number of Students)				
No. of Papers Published in	National Journal: 1	International Journal: 15	Conferences: 1	
M. Sc (Completed / Ongoing):	Nil			
Ph. D (Completed / Ongoing):	Completed: 0, Ongoing: - 3			
Projects Carried Out:				
Patents (Filed & Granted)	Nil			
Technology Transfer:				
Research Publications:	15			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-			


Faculty Profile

Name		Mr. M.K. Vishwanath		
Date of Birth		01-03-1979		
Unique ID		NIE082		
Educational Qualification		M. Tech		
Work Experience				
Teaching:20 Years		Research: 3 Years		Industry: -
Others:	Area of Specialisation	Bio-Medical Instrumentation	Courses Taught at UG / PG Level	Both UG & PG Courses
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal: -	International Journal:6	Conferences: -
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: - , Ongoing: -		
Projects Carried Out:		-		
Patents (Filed & Granted)		Nil		
Technology Transfer:		-		
Research Publications:		6		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		-		

Faculty Profile


Name		Dr. Nagaraju C		
Date of Birth		01-11-1978		
Unique ID		NIE567		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 22Years		Research: 12Years		Industry: Nil
Others:	Area of Specialisation	Image Processing	Courses Taught at UG / PG Level	Both UG & PG Courses
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal: 2	International Journal:25	Conferences: 14
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: 1, Ongoing: 4		
Projects Carried Out:		"Self-Stabilizing medical devices for Parkinson's disorder" funded by KSCST.		
Patents (Filed & Granted)		01		
Technology Transfer:				
Research Publications:		41		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		Nil		

Faculty Profile


Name		Dr. Kavitha S S		
Date of Birth		25-05-1987		
Unique ID		NIE363		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 12Years		Research: 5Years		Industry: IBM Quantum
Others:	Area of Specialisation	VLSI Design and Embedded Systems, Quantum computing and Quantum Machine Learning	Courses Taught at UG / PG Level	UG Courses: Basic Electronics, Introduction to Electronics and Communication, Digital VLSI design, Introduction to Python Programming, Data structures using C++, Electronic Instrumentation, Verilog HDL, Artificial Intelligence, Social connectivity and responsibility, Low power VLSI design, C Programming.
Research Guidance (Number of Students): NIL				
No. of Papers Published in		National Journal:05	International Journal:05	Conferences: 05
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed		
Projects Carried Out:		Quantum circuit design and Quantum Machine learning.		
Patents (Filed & Granted)		Nil		
Technology Transfer:		More than 5 Technical talks on quantum computing and its applications.		


Research Publications:	05
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	01 Lecture Notes on Data Engineering and Communications Technologies (LNDECT,volume 53), Springer, Singapore ,978-981-15-5257-1, 01 August 2020 https://doi.org/10.1007/978-981-15-5258-8_17

Faculty Profile

Name		Mr. Puneeth S		
Date of Birth		10-07-1989		
Unique ID		NIE414		
Educational Qualification		M. Tech (Ph. D)		
Work Experience				
Teaching: 10 Years		Research: 4 Years		Industry: -
Others:	Area of Specialisation	VLSI Design and Embedded systems	Courses Taught at UG / PG Level	UG Courses
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal:	International Journal: 7	Conferences: 3
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: - , Ongoing: -		
Projects Carried Out:				
Patents (Filed & Granted)		Nil		
Technology Transfer:				
Research Publications:		10		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		-		

Faculty Profile

Name		Mr. Lokesha H R		
Date of Birth		28-07-1985		
Unique ID		NIE630		
Educational Qualification		M. Tech		
Work Experience				
Teaching: 7 Years		Research: -		Industry: -
Others:	Area of Specialisation	Digital Communication & Networking	Courses Taught at UG / PG Level	UG Courses :Network Analysis, Optical fiber communication, Signals and systems, Analog communication , Digital communication, communication systems-1, PG courses: Network Protocol Design
Research Guidance (Number of Students) NIL				
No. of Papers Published in		National Journal: -	International Journal: 3	Conferences: -
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: - , Ongoing: -		
Projects Carried Out:		NIL		
Patents (Filed & Granted)		Nil		
Technology Transfer:				
Research Publications:		3		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		-		

Faculty Profile			
Name	Dr. Remya Jayachandran		
Date of Birth	01-08-1986		
Unique ID	1-7350722547		
Education Qualifications	Ph.D in Electronics and Communication Specialization: VLSI		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 7.5 years	Research : 5 years	Industry : 6 months	
Others : ---	Area of Specialization : VLSI	Courses Taught at UG/PG Level : UG: Basics Electronics, Analog CMOS IC 1, Nanoelectronics, Engineering Management, EMI, LIC, Power electronics, Audio & Video Engineering, Artificial Intelligence PG: Network Protocol Design, Analog CMOS	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- nil 			
No of papers Published in	National: 2	International Journals : 5	Conferences : 14
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	Low power DAC for hearing Aid (KSCST SPP-47 Best project), CMOS Memristor Emulator for Memcomputing, Smart NICU , Waste Management system		
Patents (Filed & Granted)	1		
Technology Transfer :	nil		
Research Publications :	<p>Journal Publications</p> <p>2023</p> <p>1. Remya Jayachandran, Lekhana G, Bhuvana R S, M Rohini, "A novel tunable frequencysinusoidal OTA –LC Oscillator circuit for High frequency applications", Special Issue in Journal of Active and Passive Electronic Devices (JAPED), vol. 17(2), pp. 123-133, October 2023. (Web of Science Core Collection ESCI), Published by Old City Publishing, USA</p>		

(<https://www.oldcitypublishing.com/journals/japed-home/japed-issue-contents/japedvolume-17-number-2-2023/japed-17-2-p-123-133/>).

2022

2. Remya Jayachandran, Dhanaraj K J, P C Subramaniam, “Planar CMOS and multigate transistors based wide-band OTA buffer amplifiers for heavy resistance load”, FACTA

UNIVERSITATIS Series Electronics and Energetics, Vol.35(1), March 2022.

<https://doi.org/10.2298/FUEE2201013J>

3. Remya Jayachandran, Rama S Komaragiri, P C Subramaniam, Ranjith R, “High performance Reconfigurable FET for a Simple variable gain buffer amplifier design,” International Journal

of Electronics, Vol. 109, 1, pp-100-118, Jan. 2022 ,

<https://doi.org/10.1080/00207217.2021.1908618>

2013-2021

1. Remya Jayachandran, P C Subramaniam, Dhanaraj K J, “A novel tunable gain CMOS buffer amplifier for large resistive loads,”

Integration, The VLSI Journal, (Elsevier), vol. 77, pp. 1-

12, Mar. 2021, <https://doi.org/10.1016/j.vlsi.2020.10.00>

2. Ranjith R, Remya Jayachandran, K. J. Suja, Rama S Komaragiri, “Two dimensional analytical model for a reconfigurable field effect transistor,” Superlattices and Microstructures, vol.114, pp. 62-74,

February 2018, <https://doi.org/10.1016/j.spmi.2017.12.006>

3. Helna Aboobacker, Aarathi R Krishna, Remya Jayachandran,

“Design, Implementation and Comparison of 8 bit 100MHz Current Steering DACs,” International Journal of Engineering Research and Applications, Vol. 3, No. 4, pp. 877-880, August 2013.

4. Aarathi R Krishna, Helna Aboobacker, Remya Jayachandran, “Design and Implementation of 7 bit 100MHz Flash ADC,”

International Journal of Engineering Research and Applications, Vol. 3, No. 4, pp. 881-886, August 2013.

International Conferences

2024

1. Nayak, Pundlik Anant, Sangeetha A. Shayana, A. R. Raksha, Suhas Shastry HS, and Remya Jayachandran. "A Compact and Low Power Memristor Based 8-Bit Digital to Analog Converter for Hearing Aid Devices." In 2024 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), pp. 1-6. IEEE, 2024.
2. Remya Jayachandran, Rupesh S, Shaen Kalathil, "Intelligent Solid Waste Sorting System using IoT and Image processing ", IEEE 2024 4th Asian Conference on Innovation in Technology (ASIANCON), Pune , Maharashtra ,India
3. Remya Jayachandran, Edet Bijoy Kumaradhas, Arun S, "Design of second order lowpass filter using inverter-based CMOS operational transconductance amplifier(OTA) through gm/ID Methodology", 3rd International IEEE Conference EDKCON2024 (accepted) 2023
4. Likith Kumar M, Sanjay Kumar M, Manoj M, Akash Kulkarni, Bhargava Dantapur, Gurusatwik Bhatta N, Remya Jayachandran, "WARM WOMB: A Wireless Real-time Monitoring System for Neonatal Care in Resource-Limited Settings", [International Conference on Recent Advances in Science and Engineering Technology – ICRASET November 2023](#) .
5. Annangi Saikiran Babu, K P Yashika, K S Nishaan Kushalappa, Aniruddh Adiga, Shreya B Raj, Mrudula N, Meghana S, Chandhana K B, Remya Jayachandran , "NeuroPredict: A Comprehensive Approach for Alzheimer's Disease Prediction and Development of a Medical Assisting Kit ", [International Conference on Recent Advances in Science and Engineering Technology – ICRASET November 2023](#).
6. Darshan Babu K S, G. Adarsh, Karan K, Shylesh Kumar P B, Rupesh S, Remya Jayachandran, "A Novel scheme for IoT based Real Time

Monitoring of Biodiesel Quality ", 2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC), February 2023. [10.1109/ICRTEC56977.2023.10111864](https://doi.org/10.1109/ICRTEC56977.2023.10111864)

7. Fida Fareesha, Chandanashree Y K, Gowthami V, Remya Jayachandran, Shaheen Kalathil, "Real-Time Artificial Mood-tracking and Health-monitoring System (RAMAHS) for people with mental illness and their Caregivers ", 2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC), February 2023. <https://doi.org/10.1109/ICRTEC56977.2023.10111897>

8. Amith N Bharadwaj, Ananya M Kasyap, Gurusatwik Bhatta N, Remya Jayachandran, Rajalekshmi Kishore "A Survey on Terahertz Devices-A cutting edge Technology", 2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC), February 2023. <https://doi.org/10.1109/ICRTEC56977.2023.10111851>

2022

9. Bhuvana R S, Lekhana G, M. Rohini, Remya Jayachandran, "Tunable frequency CMOS OTA-C sinusoidal oscillators for high frequency applications", 2022 IEEE International Conference of Electron Devices Society Kolkata Chapter (EDKCON), Kolkata, India, 2022, pp. 430-433, Doi: <https://ieeexplore.ieee.org/document/10032920>

10. Sanjith V K, Nirmitha S, Remya Jayachandran, Vijayadurga P, Yashaswini G Y, "Parametric analysis of piezoelectric-sensor array in foot step power generation system", Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT) 26th December 2022 (<https://doi.org/10.1109/ICERECT56837.2022.10059799>).

2018-2021

11. Remya Jayachandran, K J Dhanaraj, P C Subramaniam, "Hardware realization and testing of multistage OTA buffer amplifier for heavy resistive load," In 3rd IEEE International Conference on Devices for Integrated Circuits (DevIC 2021), May 2021 held at Kalyani Government Engineering College, Kolkata.

	<p>10.1109/DevIC50843.2021.9455806</p> <p>12. Remya Jayachandran, Rama S Komaragiri, P C Subramaniam, "Reconfigurable circuits based on single gate reconfigurable field effect transistors," In 6th IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), July 2020 held at GITAM University, Bangalore.</p> <p>10.1109/CONECCT50063.2020.9198322</p> <p>13. Remya Jayachandran, Rama S Komaragiri, P C Subramaniam, "Study of circuits based on SOI-vertical Gate-All-Around FET," In 15th IEEE India Council International Conference, INDICON, December 2018 held at Amrita Vishwa Vidyapeetham Coimbatore. 10.1109/INDICON45594.2018.8987021</p> <p>Patent</p> <p>1. P C Subramaniam, Remya Jayachandran, "N-stage OTA buffer amplifiers with unity gain and high input dynamic range and tunable gain for driving large resistive load", Patent Application No. 201741035499 filed on 06.10.2017; Granted Patent No. 445941 dated 06.10.2017, Granted on 23/08/2023</p>
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>Book chapters:</p> <p>1. Remya Jayachandran, Rama S Komaragiri, Dhanaraj K, J, "Simulation of Reconfigurable FET circuits using Sentaurus TCAD tool", Book Chapter in Sub-micron Semiconductor Devices: Design and Applications, CRC Press, Taylor & Francis, 2022, 10.1201/9781003126393-11</p> <p>2. Rupesh, S., S. L. Aravind, B. R. Kavya, and Remya Jayachandran. "Recent advances and new concepts in methane storage and transportation." Advances and Technology</p>


Development in Greenhouse Gases: Emission, Capture and Conversion (2024): 323-354.

3. Remya Jayachandran, Bhargava Dantapur, Aneeta S Antony, Rohini Nagapadma,
"Transforming Healthcare through Smart Health Systems: Harnessing Technology for Enhanced Patient Care", Book chapter in "Transforming Healthcare Sector Through Artificial Intelligence and Environmental Sustainability", Springer 2025
<https://link.springer.com/book/9789819795543> (Production stage)


4. Remya Jayachandran, Salila Hegde, "DESIGN OF ADVANCED MOSFET ARCHITECTURES",
Book titled "Micro and Nano Semiconductor Devices for Digital, Analog & Sensor Design" Scivener- Wiley (Accepted)

5. Remya Jayachandran , Annangi Saikiran Babu , Aniruddh Adiga , Vinay K Gowda , PushapPranay "EXPLORING THE SYNERGY OF ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS (AIOT) IN SMART HEALTHCARE AND SMART CITIES FOR ENHANCED CONNECTIVITY AND EFFICIENCY", in Book titled "Cloud-Enabled Artificial Intelligence of Things (AIoT)", CRCpress. (Accepted)

Faculty Profile

Name		Dr. Sharmila B S		
Date of Birth		24-04-1989		
Unique ID		NIE526		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 10Years		Research: 6Years	Industry: 1 Year 6 Months	
Others:	Area of Specialisation	VLSI Design and Embedded systems	Courses Taught at UG / PG Level	UG Courses: <ol style="list-style-type: none"> 1. Data Structures using C++ 2. Internet of Things 3. Embedded Systems 4. Basic Electronics PG Courses: <ol style="list-style-type: none"> 1. Information and Network Security 2. Ethical hacking and penetration testing
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal: -	International Journal:5	Conferences: 2
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: - , Ongoing: -		
Projects Carried Out:		2		
Patents (Filed & Granted)		Nil		
Technology Transfer:				
Research Publications:		Journal Publication: <ol style="list-style-type: none"> 1. B S Sharmila, Rohini Nagapadma. "P-DNN: Parallel DNN based IDS frameworkfor the detection of IoT vulnerabilities." Security and Privacy, Wiley: 		


	<p>e330.https://onlinelibrary.wiley.com/doi/abs/10.1002/spy2.330[Web of Science- ESCI].</p> <ol style="list-style-type: none"> 2. B S Sharmila, Rohini Nagapadma. "Quantized Autoencoder (QAE) IntrusionDetection System for anomaly detection in resource constrained IoT devices usingRT-IoT2022 dataset.", Cybersecurity, Springer,https://cybersecurity.springeropen.com/articles/10.1186/s42400-023-00178-5[Web of Science-ESCI, Scopus Q1 journal] 3. B S Sharmila, Rohini Nagapadma. "QAE-IDS: DDoS anomaly detection in IoTdevices using Post-Quantization Training", Smart Science, 1-16. (2023).https://doi.org/10.1080/23080477.2023.2260023[Web of Science-ESCI, Scopus-Q3journal] 4. B S Sharmila , Santhosh, H. S., Parameshwara, S., Swamy, M. S., Baig, W. H., &Nanditha, S. V. (2023). Optimizing Deep Learning Networks for Edge Devices withan Instance of Skin Cancer and Corn Leaf Disease Dataset. SN Computer Science,4(6), 793.https://doi.org/10.1007/s42979-023-02239-5[Scopus-Q2journal]. 5. B S Sharmila., et al. "Performance Evaluation of Parametric and Non-Parametric Machine Learning Models using Statistical Analysis for RT-IoT2022, Journal of Scientific & Industrial Research (JSIR) 83.8 (2024): 864-872. [SCIE, Scopus Journal] <p>Conference Proceedings:</p> <ol style="list-style-type: none"> 1. B S Sharmila, Rohini Nagapadma "Intrusion Detection System using Naive Bayes Algorithm", WIECON-2019. https://ieeexplore.ieee.org/document/9019921 [Scopus]. 2. B S Sharmila,Rohini Nagapadma "KNN classication using Multi-core Architecturefor Intrusion Detection System", International Conference on CommunicationandComputing Systems (ICCCS - 2018), https://www.taylorfrancis.com/chapters/edit/10.1201/9780429444272-7/[Scopus]
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>-</p>

Faculty Profile			
Name	Deepthi M S		
Date of Birth	13 th April 1991		
Unique ID	NIE737		
Education Qualifications	B.E, Mtech		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 07	Research: 04	Industry : 1.5	
Others : ---	Area of Specialization: Neuromorphic Computing	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> Control systems Analog CMOS IC 1 Linear Integrated Circuits Microprocessors & Microcontrollers Operating systems Principles of VLSI Engineering Electromagnetics VLSI layout design 	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- Nil 			
No of papers Published in	National: 01	International Journals: 01	Conferences: 03
M. Sc (Completed / Ongoing):			
Ph.D (Completed / Ongoing):	Ongoing		
Projects Carried Out:	<ul style="list-style-type: none"> Title of the project: Design & Development of Smart Stethoscope using Active Acoustic Filtering Techniques. Funding agency: NIE-CRD Sanctioned amount: Rs. 18,100/- Duration (From & To dates): March 2020 to June 2021 Title of the project: Development & Control of Home Automation System through MyRio Funding agency: NIE-CRD Sanctioned amount: Rs. 75,000/- Duration (From & To dates): March 2019 to June 2020 		
Patents (Filed & Granted)	Nil		
Technology Transfer:	Nil		
Research Publications :	<ul style="list-style-type: none"> Deepthi, M. S., Shashidhara, H. R., Raghu, J., & Rudraswamy, S. B. (2024). Simulation-based effective comparative analysis of neuron circuits for neuromorphic computation systems. <i>Neurocomputing</i>, 128758. Sanjana, N., Deepthi, M. S., Shashidhara, H. R., & Kaliyath, 		

	<p>Y. (2022, October). Comparison of Memristor Mathematical Models. In <i>2022 International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)</i> (pp. 61-65). IEEE.</p> <ul style="list-style-type: none"> • Deepthi, M. S., Shashidhara, H. R., & Shruthi, R. (2022). A Systematic Review of Stability Analysis for Memristor Neural Networks. In <i>Proceedings of the International Conference on Paradigms of Communication, Computing and Data Sciences: PCCDS 2021</i> (pp. 779-793). Springer Singapore. • Shruthi, R., Shashidhara, H. R., & Deepthi, M. S. (2022). Comprehensive survey on wireless network on chips. In <i>Proceedings of the International Conference on Paradigms of Communication, Computing and Data Sciences: PCCDS 2021</i> (pp. 203-218). Springer Singapore.
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>Nil</p>


Faculty Profile

Name		Dr. Vijay B T		
Date of Birth		20-03-1989		
Unique ID		NIE734		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 7 Years		Research: 5+Years		Industry: -
Others:	Area of Specialisation	Wireless Networks	Courses Taught at UG / PG Level	Wireless Networks, Wireless Communication, Communication System, Computer Networks, Ad-hoc and Sensor Networks, Basic Electronics, Optical Fiber Communications, Information Storage Networks, Control System, OBM optical Network
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal: -	International Journal: 7	Conferences: 7
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: - , Ongoing: -		
Projects Carried Out:		-		
Patents (Filed & Granted)		Nil		
Technology Transfer:				
Research Publications:		14		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		-		


Faculty Profile			
Name	Dr.Rajalekshmi Kishore		
Date of Birth	06-10-1981		
Unique ID	1-9311053323		
Education Qualifications	M.Tech, PhD		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 12	Research :06	Industry : ---	
Others : ---	Area of Specialization : Communication Systems	Courses Taught at UG/PG Level : Communication Systems, Coding Theory, Wireless Communication Com	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 03 			
No of papers Published in	National: 01	International Journals : 8	Conferences : 17
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	<ol style="list-style-type: none"> Chanakya Fellowship of 25 lakhs sanctioned by IIT Bombay and implemented by the Department of Science and Technology (DST), Government of India, for the project proposal (Proposal No. CFP/2024/1/266) titled "RescueWatch: UAV-Enabled IoT Sensor Network with Intelligent Reflecting Surfaces for Disaster Response" DST funded Project under TARE scheme "Energy Efficiency Optimization using Machine Learning in Intelligent Reflecting Surface (IRS) aided Unmanned Aerial Vehicle (UAV) for 6G Wireless Communication Networks. DST - SERB TARE 3 years (2022-25) 18 Lakhs Approved NIECRD funded project on Investigator Analysis of Age of Information in Cognitive Radio based IoT Systems. NIECRD Faculty Innovation , 1 year (2020-21) Rs.50,000/- Completed 		
	4.Mentor (Student Project) Ambient back scatter communication to counteract jamming attacks on wireless networks NIE CRD UG/ECE 001 ,1 year (2021-21) Rs.25000/- Completed		
Patents (Filed & Granted)	NIL		

Technology Transfer :	
Research Publications :	26
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil


Faculty Profile


Name		Dr. RAGHU J.		
Date of Birth		22-04-1990		
Unique ID		NIE813		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 7Years		Research: 4Years		Industry: - Nil
Others:	Area of Specialisation	Radar Target Tracking/Radr Signal processing	Courses Taught at UG / PG Level	Both UG & PG Courses
Research Guidance (Number of Students): Ongoing --2				
No. of Papers Published in		National Journal: -	International Journal: 12	Conferences: -11
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: 0; Ongoing: - 02.		
Projects Carried Out:		--		
Patents (Filed & Granted)		Granted-2, Filed -1		
Technology Transfer:		---		
Research Publications:		20		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		---		

Faculty Profile


Name		Dr. Yajunath Kaliyath		
Date of Birth		12-08-1988		
Unique ID		NIE818		
Educational Qualification		Ph. D		
Work Experience				
Teaching: 4Years		Research: 6 Years		Industry: -
Others:	Area of Specialisation	Analog VLSI Design	Courses Taught at UG / PG Level	UG Courses: <ol style="list-style-type: none"> 1. Electronics Fundamentals 2. Analog CMOS IC – 2 3. Analog CMOS IC – 2 Lab 4. Mixed Signal Design 5. Mixed-Mode VLSI Design Lab 6. CMOS VLSI Design 7. Mixed-Mode VLSI Design Lab 8. Basic Electronics 9. Network Analysis PG Courses: <ol style="list-style-type: none"> 8. Research Methodology
Research Guidance (Number of Students) : Nil				
No. of Papers Published in		National Journal: -	International Journal:2	Conferences: 5
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Nil		
Projects Carried Out:		-		

Patents (Filed & Granted)	1 published
Technology Transfer:	-
Research Publications:	7
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-

Faculty Profile			
Name	Lavanya M S		
Date of Birth	22-11-1993		
Unique ID	302996180327		
Education Qualifications	M.Tech (Ph.D)		
• Work Experience			
Teaching : 5.1	Research : 2	Industry : ---0.8	
Others : ----	Area of Specialization : Industrial Electronics	Courses Taught at UG/PG Level : UG Basic Electronics and communication Satellite Communication Optical fiber communication Multimedia communication Microwave and antenna PG Optical and DWDM networks	
• Research Guidance (Number of Students) ---			
No of papers Published in	National conference:1	International Journals : 2	Conferences : 1
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	Ongoing Project on Rescue Watch: UAV assisted 5G Communication System for disaster response Funded by : IIT, Bombay, TiH-IoT Foundation		
Patents (Filed & Granted)			
Technology Transfer :	Involved in intra-internship, vocational training and other courses as resource person		
Research Publications :			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			


Faculty Profile			
Name	NITESH K A		
Date of Birth	22-07-1991		
Unique ID	NIE-904		
Education Qualifications	B.E (ECE), M.Tech (DECS), (Ph.D)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 7 years 6months	Research : Ongoing	Industry : 6 months	
Others :	Area of Specialization: Digital Electronics and Communication Systems	Courses Taught at UG/PG Level: <ol style="list-style-type: none"> Principles of Communication systems Information Theory and Coding Digital Communication Satellite Communication Wireless Communication Multimedia Communication Optic Fiber Communication Introduction to Electronics Communication Introduction to IoT Vehicular Electronics Communication Systems 	
<ul style="list-style-type: none"> Research Guidance (Number of Students) - NA 			
No of papers Published in	National: 1	International Journals :5	Conferences :3
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Ongoing		

Projects Carried Out :	<ol style="list-style-type: none"> 1. "Design and Implementation of Data centric battery management system model for E-vehicles". 2. "Design and Development of Intelligent Li-Ion Battery Controller to Integrate High Energy and High Power Cells for Electric Vehicle's (EV's)". 3. "A study on battery controller design for the estimation of State of charge (SoC) in battery management system for Electric Vehicle (EV)/ Hybrid EV (HEV)". 4. "A Bicycle to E-Bicylce Phase-1" project successfully completed from July 2020 to November 2020 at Innovmon Technologies Pvt. Ltd. Bengaluru. 5. "A Bicycle to E-Bicylce Phase-2" project successfully completed from December 2020 June 2021 at Innovmon Technologies Pvt. Ltd. Bengaluru.
Patents (Filed & Granted)	1 Indian Patent (published), 1 European Patent (filed)
Technology Transfer :	NA
Research Publications :	4
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA


Faculty Profile			
Name	Sobia Naz		
Date of Birth	24-11-1986		
Unique ID	NIE883		
Education Qualifications	M.Tech(Ph.D)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 7+	Research :3+	Industry : NIL	
Others : ---	Area of Specialization : Medical Image Processing	Courses Taught at UG/PG Level : Basic Electronics, Biomedical Signal Processing, Digital image processing, Electromagnetic Field Theory,Engineering Management,Engineering Economics,Electronics Fundamentals, Introduction to Electronics Communication. Research Methodology and IPR.	
<ul style="list-style-type: none"> Research Guidance (Number of Students) ---NIL 			
No of papers Published in	National: ---	International Journals: 03	Conferences: 01
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	<ol style="list-style-type: none"> 1. “Glaucoma Detection: An approach using hybrid texture descriptors”, TEST Engineering and Management.Vol.83,ISSN: 0193-4120.July-August 2020. 2. “EFPT-ODIS: Evaluation Framework for a Pre-processing Techniques of Optho-Imaging Diagnosis and Detection System”, International Journal of Advanced Computer Science and Applications Vol.12,ISSN: 2156-5570 .November 2021. 3. “Segmentation of optic disc in retinal images for glaucoma diagnosis by saliency level set with enhanced active contour mode”, International Journal of Electrical and Computer Engineering (IJECE)Vol. 13, No. 3, June 2023, pp. 2801~2811. 4. “Tri-Strategy based Equilibrium Optimizer Algorithm and 		

	Grid Search Support Vector Machine for Glaucoma Detection” Submitted to SCI Journal.
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA

PG - NETWORKING & INTERNET ENGG.


Faculty Profile				
Name		Dr. Shashidhara H R		
Date of Birth		26-03-1978		
Unique ID				
Educational Qualification		Ph. D		
Work Experience				
Teaching: 22 Years		Research: 9 Years	Industry:	
Others:	Area of Specialisation	VLSI Design	Courses Taught at UG / PG Level	Both UG & PG Courses
Research Guidance (Number of Students)				
No. of Papers Published in		National Journal: -	International Journal: 21	Conferences: 20
M. Sc (Completed / Ongoing):		Nil		
Ph. D (Completed / Ongoing):		Completed: 0 , Ongoing: 6 (1 completed Open Seminar-1, 3 Completed Pre-comprehensive Viva-voce)		
Projects Carried Out:		1 DST (ongoing), 1 Completed (NIE-CRD)		
Patents (Filed & Granted)		4 Granted, 1 Published		
Technology Transfer:		NIL		
Research Publications:		35		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)		a. "VLSI and Embedded System - "Introduction to System on Chip" , Interline Publisher copyright ©, 2016 b. "Principles of Soft computing: Concepts and Practice" , International Scientific Publisher, @2023 c. "Comprehensive survey on wireless network on chips." <i>Proceedings of the International Conference on Paradigms of Communication, Computing and Data Sciences: PCCDS 2021.</i> Springer Singapore, 2022. d. "A Systematic Review of Stability Analysis for Memristor Neural Networks." <i>Proceedings of the International Conference on Paradigms of Communication, Computing and Data Sciences: PCCDS 2021.</i> Springer Singapore, 2022.		


	<ul style="list-style-type: none"> e. “Design and Implementation of Argo NI-NoC Micro-architecture for MPSoC Using GALS Architecture”, Emerging Trends in Electrical, Communications, and Information Technologies, Springer, Singapore, Year :2020, pp.:451-463 f. “Verification of Multimodal Biometric- IRIS, Finger and Palm using different algorithms”, Intelligent Multidimensional Data and Image Processing, IGI global, Chapter No.:7, Year : 2018, pp.:147-193 g. “Deadlock Recovery for NOC Using Modified Encoding Scheme”, Recent Findings in Intelligent Computing Techniques, Springer, Singapore, Chapter 35, DoI:978-981-10-8632-8, 456779_1_En (35), Year :2018, pp.:351-359.
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Faculty Profile			
Name	Shruthi R		
Date of Birth	09-07-1990		
Unique ID	NIE649		
Education Qualifications	M.Tech, (PhD)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 9	Research : 3	Industry : ---	
Others : ---	Area of Specialization : Digital Electronics , Network on Chip	Courses Taught at UG/PG Level : UG Courses: <ol style="list-style-type: none"> 1. Communication Networks 2. System Verilog 3. Digital Design using Verilog HDL 4. Digital Electronic Circuits 5. Electronic Fundamentals 6. Introduction to IoT 7. Engineering Management 8. Next Generation Wireless Systems PG Courses: <ol style="list-style-type: none"> 7. Ethernet Technology 	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals :	Conferences : 3
M. Sc (Completed / Ongoing) :	---		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :			
Patents (Filed & Granted)	-----		
Technology Transfer :	-----		
Research Publications :	3		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	----		

INDUSTRIAL PRODUCTION ENGINEERING

Faculty Profile

Name	Dr. H N DIVAKAR			
Date of Birth	26/07/1967			
Unique ID	1-457602307			
Education Qualifications	B.E. in Industrial and Production Engineering (University of Mysuru) M.Tech. in Maintenance Engineering (University of Mysuru) Ph.D in Industrial coatings (Jadavpur University)			
<ul style="list-style-type: none"> Work Experience 				
Teaching : 28	Research : 20	Industry :		
Others :	Area of Specialization : Thin Film coating, Lean Manufacturing, CAD/CAM/CIM	Courses Taught at UG/PG Level : UG: CIM, Lean Manufacturing, PG: Automated Manufacturing System, JIT & Lean Manufacturing		
<ul style="list-style-type: none"> Research Guidance (Number of Students) 				
No of papers Published in	National: 06	International Journals : 04	Conferences :15	
M. Sc (Completed / Ongoing) :	Completed 01			
Ph.D (Completed / Ongoing) :	Ongoing 04			
Projects Carried Out :	Nil			
Patents (Filed & Granted)	Nil			
Technology Transfer :	Nil			
Research Publications :	25			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil			

Faculty Profile			
Name	Mr. SANTOSH KUMAR		
Date of Birth	09-01-1981		
Unique ID	1-3186498972		
Education Qualifications	B.E, in Industrial and Production Engineering (VTU) M.Tech, in Machine Design (Kuvempu University) Ph.D – Pursuing (VTU)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 13	Research :07	Industry :	
Others :	Area of Specialization : Characterization of Biodegradable polymer composites	Courses Taught at UG/PG Level : UG: Mechanics of materials, Machine Drawing, Composite Materials, Kinematics of machines, Design of machine elements-I, Mechanical Engineering Science, Finite element method , Introduction to engineering design PG: Research Methodology, Finite element analysis	
<ul style="list-style-type: none"> Research Guidance (Number of Students) 			
No of papers Published in	National: 1	International Journals :07	Conferences :07
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	12		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile



Name	Mrs. RASHMI S N
Date of Birth	20 – 07 - 1987
Unique ID	1-3566820648
Education Qualifications	B.E- Industrial and Production Engineering (NIE, Mysuru, VTU). M.Tech in Production Engineering and System Technology (NIE, Mysuru, VTU).

• Work Experience


Teaching : 10 Years	Research : -	Industry : -
Others : -	Area of Specialization : Additive Manufacturing	Courses Taught at UG/PG Level : UG: Fluid Power Systems, Control Engineering, Product Design and Development, Total Quality Management, Concurrent Engineering Mechanics of Materials, Manufacturing Process III, Project Management, Digital Manufacturing. PG: Industrial Robotics, Advanced Joining of Materials, Advanced Material Processing.

• Research Guidance (Number of Students)

No of papers Published in	National: 01	International Journals : 02	Conferences : 02
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	03		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		


Faculty Profile			
Name	Dr. B M LATHA		
Date of Birth	26.01.1977		
Unique ID	1-4564509884		
Education Qualifications	BE in Industrial & Production Engineering M.Tech in engineering management Ph.D		
• Work Experience			
Teaching : 22	Research : 07	Industry : -	
Others :	Area of Specialization : Engineering Management	Courses Taught at UG/PG Level : UG: MP-II, material Science and Metallurgy. Facility Planning and Design, organizational behavior PG:Engineering Management	
• Research Guidance (Number of Students) -			
No of papers Published in	National: -	International Journals :04	Conferences :03
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	On going		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	04		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile

Name	Mrs. NANDINI T S			
Date of Birth	07/10/1978			
Unique ID	1-457905527			
Education Qualifications	<p>BE in Industrial Engineering and Management</p> <p>M. Sc Engineering by Research "Lean Manufacturing System and its Application for the Production Industry with the help of Value Stream Mapping"</p> <p>Ph.D (Pursuing): "Integration of Lean principles and Agile Manufacturing for efficient supply chain management"</p>			
<ul style="list-style-type: none"> Work Experience 				
Teaching : 15	Research : 06	Industry : 05		
Others :	Area of Specialization : Supply Chain and Lean Manufacturing	Courses Taught at UG/PG Level :		
		<p>Metrology and Measurement</p> <p>Supply Chain and Logistics Management</p> <p>Database Management System</p> <p>Statistical Quality Control</p> <p>Lean Manufacturing System</p> <p>Work Study and Ergonomics</p> <p>Industrial Design and Ergonomics</p> <p>Mechanics of Materials</p>		
<ul style="list-style-type: none"> Research Guidance (Number of Students) 				
No of papers Published in	National: -	International Journals : -	Conferences :01	
M. Sc (Completed / Ongoing) :	-Nil-			
Ph.D (Completed / Ongoing) :	-Nil-			
Projects Carried Out :	-Nil-			
Patents (Filed & Granted)	-Nil-			
Technology Transfer :	-Nil-			
Research Publications :	04			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-Nil-			

COMPUTER SCIENCE ENGINEERING

Faculty Profile

Name	Dr VidyaRaj C	
Date of Birth	15 May 1967	
Unique ID	1-318781839	
Education Qualifications	B.E., M.Tech, Ph.D.	

• Work Experience


Teaching: 34 years	Research:21years	Industry:---
Others:---	<p>Area of Specialization:</p> <p>B.E.:Computer Science & Engineering</p> <p>M.Tech:Software Engineering</p> <p>Ph.D:Quantum Computing</p>	<p>Courses Taught at UG/PG Level:</p> <p>Software Engineering, Object Oriented Modeling and Design, Distributed Systems, Distributed Operating Systems, Computer Networks,Computer Organization, LogicDesign, WirelessCommunication Networks, WirelessSensorNetworks, Information and Storage Networks</p>

• ResearchGuidance(NumberofStudents)-PhD.: 09M.Tech:138

No ofpapers Published in	National:05	InternationalJournals: 51	Conferences:26
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	04/05		
ProjectsCarriedOut:	-		
Patents(Filed&Granted)	01		
TechnologyTransfer :	-		
ResearchPublications:	82Researchpublications;08Book chaptersand01 monograph		

No.ofBooks published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<ol style="list-style-type: none"> 1. Software Engineering for BSc(IT), KSOU, 2003 2. Computer Organization and PC maintenance BSc(IT), KSOU, 2003 3. HTML and Basics of Internet BSc(IT), KSOU, 2003 4. Javascript BSc(IT), KSOU, 2004 5. Software Engineering for BSc(IT), Kuvempu University, 2005 6. Advanced Software Engineering MSc(IT), Kuvempu University, 2005
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Faculty Profile

Name	Dr. Annapurna V.K	
Date of Birth	4/1/1974	
Unique ID	1-456938611	
Education Qualifications	B.E., M.Tech, Ph.D.	


• Work Experience 26

Teaching: 26	Research: 5	Industry: nil
Others: nil	Area of Specialization: High Speed Networks	Courses Taught at UG/PG Level: Data communication and networking, Computer network, Analysis and design of algorithms, Python, Web technologies and applications, Cryptography, distributed systems, Distributed operating system, Artificial intelligence, Introduction to Blockchain technology, Game theory, Advanced computer networks, protocol engineering and C programming

• Research Guidance (Number of Students): 2

No. of papers Published in	National: 1	International Journals: 20	Conferences: 7
M.Sc (Completed/ Ongoing):	-		
Ph.D (Completed/ Ongoing):	completed		
Projects Carried Out:	-		
Patents (Filed & Granted)	-		
Technology Transfer:	Resource person for workshop		
Research Publications:	6		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	VC++ book for KSOU 2006		

Faculty Profile

Name	Dr. Shabana Sultana	
Date of Birth	22-08-1974	
Unique ID	1-456938615	
Education Qualifications	B.E., M.Tech, Ph.D.	


• Work Experience

Teaching: 25 Years	Research: 5 Years	Industry: --- Nil
Others: --- Nil	Area of Specialization: Computer Science and Engineering	Courses Taught at UG/PG Level: <ol style="list-style-type: none"> 1. Computer Networks 2. Operating System 3. Ad-hoc Networks 4. Electronic Devices and Circuits 5. Unix and Shell Programming 6. Design and Analysis of Algorithms 7. Object Oriented Analysis and Design 8. Computer Organization 9. Electronics Circuits 10. Introduction to Unix 11. Computer Architecture 12. Basic Electronics 13. Programming in C

• Research Guidance (Number of Students) --- 05

No of papers Published in	National: --01-	International Journals: 34	Conferences: 12
M.Sc (Completed/ Ongoing) :	N/A		
Ph.D (Completed/Ongoing):	Completed		
Projects Carried Out:	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer:	Networking and hands on Cisco Packet Tracer, Multisim, Analog to Digital Converters		
Research Publications:	https://orcid.org/0000-0001-9768-213X		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		
Additional Information:			
Educational YOUTUBE Channel on Computer Science subjects	http://www.youtube.com/@engineeringwing7469		

Faculty Profile


Name	DR.AnithaR	
Date of Birth	09-10-1973	
Unique ID	1-456938603	
Education Qualifications	B.E., M.Tech, Ph.D.	

• **Work Experience**


Teaching: 23	Research: Nil	Industry: Nil
Others: Nil	Area of Specialization: Computer Science, Networking, Cloud Computing	Courses Taught at UG/PG Level: UG: Computer Networks, C Programming, Data Structures, Operating System, Unix Shell Programming, F Automata Formal Languages, distributed Operating Systems, Digital Electronics, Computer Organization and Architecture, Micro Processor, Compiler Design, Python Programming PG: Cyber Security

• **Research Guidance (Number of Students)-**

No of papers Published in	National: Nil	International Journals: 13	Conferences: 7
M.Sc (Completed/Ongoing):	NIL		
Ph.D (Completed/Ongoing):	COMPLETED		
Projects Carried Out:	UG/PG PROJECTS		
Patents (Filed & Granted)	NIL		
Technology Transfer:	-		
Research Publications:	6		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Name	Dr.Jayasri B.S		
Date of Birth	02/04/1976		
Unique ID	1-3738015452		
Education Qualifications	B.E,M.Tech.,Ph.D		
• Work Experience	26 years		
Teaching: 26	Research: -10 years	Industry: -	
Others: ---			
• Research Guidance (Number of Students)	--4+1, one completed four pursuing		
No of papers Published in	National:	International Journals: 27	Conferences: 25
M.Sc (Completed/Ongoing):	M.Tech		
Ph.D (Completed/Ongoing):	Completed		
Projects Carried Out:	-		
Patents (Filed & Granted)	3 filed and 2 completed		
Technology Transfer:	-		
Research Publications:	52		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<p>1. FRDF: Framework for reliable data fusion to leverage communication performance in sensor network. Publisher: Advances in Intelligent Systems and Computing, Springer publications Year of Publication - 2017</p> <p>2. RaESS: Reliable and efficient Statistical spreading data fusion mechanism in Wireless Sensor Networks. Advances in Intelligent Systems and Computing, Springer publications Year of Publication - 2017</p> <p>3. Permissioned blockchain based public procurement system Publisher: Journal of Physics: Conference Series IOP Publications Year of Publication - Aug 2020</p> <p>4. Real-time object detection and face recognition system to assist the visually impaired Publisher: Journal of Physics: Conference Series IOP Publications Year of Publication Aug 2020</p> <p>5. Citizen Feedback Management Using Sentimental Analysis Publisher : Advances in Intelligent Systems (AISC) 1415 Springer Publication Year of Publication: March 2022</p> <p>6. Multi-Facial Recognition using Multitask Cascaded Convolutional Neural Networks Publisher: Springer Lecture Notes Year of Publication 16th July 2024</p> <p>7. NEFT Marketplace for Exchange of Digital Artifacts using Smart Contracts Publisher: Springer Lecture Notes 7th Year of Publication July 2024</p>		

Faculty Profile

Name	Dr.LOKESHHS	
Date of Birth	29/09/1969	
Unique ID	1-456938599	
Education Qualifications	M.Tech., PhD	


Work Experience

Teaching: 28	Research: 09	Industry: -NIL-
Others: ---	Area of Specialization : Wireless Sensor Networks	Courses Taught at UG/PG Level : Digital Design, Computer Organisation, System software, Computer Forensics, Computer networks, C Programming, 5G Technology.

Research Guidance (Number of Students) - Under Process

No. of papers Published in	National: 05	International Journals : 06	Conferences:
M.Sc (Completed / Ongoing):	NA		
Ph.D (Completed / Ongoing):	Completed		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer:	NIL		
Research Publications:	03		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	Dr.Rekha.K.S	
Date of Birth	19-08-1975	
Unique ID	1-456938647	
Education Qualifications	Ph.D, Mtech, BE	

• Work Experience

Teaching :17	Research:10years	Industry: ---5.5years
Others:---	Area of Specialization : WSN, Machine Learning & IoT	<p>Courses Taught at UG/PG Level: Artificial Intelligence, Operating System, Microcontrollers, Microprocessors, Big Data Analytics, Software Project Management, Object Oriented Modeling and Design, Embedded Systems, Distributed Operating Systems, Software Engineering, Software Architecture, Cyber Security PG Level Wireless Sensor Networks Cyber Security, Web Services Big Data Analytics for Industrial Automation and Robotics</p>

• Research Guidance (Number of Students) --- 5

No of papers Published in	National:2	International Journals :17	Conferences:9
M. Sc (Completed /Ongoing):	NIL		
Ph.D (Completed /Ongoing):	1- Completed , 4-ongoing		
Projects Carried Out :	Successfully completed the Project funded by ART PARK, IISC, Bengaluru		
Patents (Filed & Granted)	01 patent Filed and Published		
Technology Transfer:	Contributed as Keynote speaker, Reviewer, Session Chair, Technical Chairperson, Reviewer of Book Chapters, International Journal		

Research Publications :

1. Dr. Rekha. K. S., Mr. Tej. C. Hiremath, "Energy Efficient Data Migration Concerning Interoperability Using Optimized Deep Learning in Container-Based Heterogeneous Cloud Computing" *Advances in Engineering Software*, ELSEVIER Publication, an SCI Journal, Indexed in Web of Science and Scopus ,Quartile *Q1* Journal,2023
2. Dr. Rekha. K. S., Mr. Tej. C. Hiremath,"Optimization enabled deep learning method in container-based architecture of hybrid cloud for portability and interoperability-based application migration",*Journal of Experimental & Theoretical Artificial Intelligence*, Taylor & Francis ,Quartile *Q1* Journal 2022

ScopusIndexed papers:

1. Lakshmi, B.S., Rekha, K.S. ,"Blockchain Technology and Supply Chain Management in a Charity Donation System: A Literature Review" . ICRTEC - Proceedings: IEEE International Conference on Recent Trends in Electronics and Communication:Upcoming Technologies for Smart Systems,2023
2. Pooja, G.S., Rekha, K.S. ,"Automatic Attendance System Using Artificial Intelligence". IEEE 3rd Global Conference for Advancement in Technology, GCAT, Show abstract Related documents Conference Paper,2022
3. ChitralaBadrinat ,Dr. Rekha K.S., Dr. H.D. Phaneendra, Shri Gandha B.C., Rohan.H,Sai NiranjanBN, "DiseaseDetectioninTomatoPlantsUsingCNN",2022IEEE3rdGlobal Conference for Advancement in Technology (GCAT) Bangalore, India. Oct 7-9, 2022
4. Pranav. B , Dharithri. M , Venu. D ,Mrinal. S. Setty , Dr. Rekha K.S. , Dr. H.D. Phaneendra,"SoundShare:P2PFile-SharingSystem",2022 IEEE3rdGlobalConference for Advancement inTechnology (GCAT) Bangalore, India. Oct 7-9, 2022
5. [Sumana, K.M.,Rekha, K.S.](#),"A Studyof Efficient Management of Nutrients in Fertilizers usingIoT and ML", Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022, 2022, pp. 574–577

<http://agri.ckcest.cn/file1/M00/10/07/Csgk0GKvCP6AEornAAiI01Mb0o208.pdf>

6. [Rekha, K.S.,Shashank, S., Rakshith, M.C., Ranganna, S.S., Sunag, T.P.](#)"A novel framework for monitoring the remotely located patients using an iot based healthcare system", 11th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2020, 2020, pp. 191–195
7. [Rekha, K.S., Kulkarni, A.D.,Phaneendra, H.D., Anantha Padmanabha, T.](#), "Remote monitoring and run-time reconfigurations of an industrial process using wireless sensor networks and IOT", Proceedings - 2018 4th IEEE International Conference on Research in Computational Intelligence and Communication Networks, ICRCICN 2018, 2018, pp. 193–196, 8718719
8. [Rekha, K.S.,Sreenivas, T.H.,Kulkarni, A.D.](#)"RemoteMonitoringand Reconfiguration of Environment and Structural Health Using Wireless Sensor Networks" *Materials Today: Proceedings*,2018,5(1),pp.1169–1175DOI:10.1007/978-3-030-33846-6_30,In book: Inventive Computation Technologies (pp.263-271) andEnergy(PMME)-2016,July2016, 2214-7853 © 2016 Elsevier Ltd, Ongole, Andhra Pradesh, Science Direct, India, <https://www.sciencedirect.com/science/article/pii/S2214785317324628>
9. [Rekha, K.S.,Sreenivas, T.H.](#)," Infrastructure establishment for a reconfigurable network inwirelessensornetworks",2015IEEEInternationalConferenceonComputational Intelligence and Computing Research, ICCIC 2015, 2016, 7435823 <https://ieeexplore.ieee.org/document/7435823>
10. SonaliK.M.,Poojashree M., ShilpashreeA.,Sindhu N., RekhaK.S.,"Automated Fire Detection Surveillance System", CSE, NIE, Mysuru,*InternationalJournalofCurrentTrendsinEngineering&Research (IJCTER)* e-ISSN 2455– 1392 Volume 2 Issue 6, June 2016 pp. 49– 52 <https://www.ijert.org/fire-detection-on-a-surveillance-system-using-image-processing>

No. of Books published with details : (Name of Book, Publisher	
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Faculty Profile

Name	Dr BR Vatsala		
Date of Birth	20-02-1980		
Unique ID	1-456938627		
Education Qualifications	BE(Computer Science & Engineering) Mtech(Computer Network Engineering) PhD (internet of Things)		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 22	Research: 12	Industry: NIL	
Others: NIL	Area of Specialization: Internet of Things	Courses Taught at UG/PG Level : Automata Theory and Computation Microcontrollers Microprocessors Computer Organization Digital design Compiler Design Embedded Systems Analysis and Design of Algorithms (PG)	
<ul style="list-style-type: none"> Research Guidance (Number of Students): NIL 			
No of papers Published in	National: NIL	International Journals: 18	Conferences: 5
M.Sc (Completed/ Ongoing):	-		
Ph.D (Completed/ Ongoing):	Completed		
Projects Carried Out:	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer:	Reviewer for IEEE Internet of Things Journal Reviewer for SNCS Springer journal Resource person for student development programs		
Research Publications:	Journals:		

1. BRVatsalaandDrCVidyaRaj(2022):“Prioritybasedflowcontrol protocol for internet of things built on light fidelity”, International Journal of Electrical and Computer Engineering Vol. No. 12 Issue No.4, pp 4449-4456 , August 2022, ISSN: 2088-8708
DOI:<http://doi.org/10.11591/ijece.v12i4.pp4449-4456>
2. BRVatsalaandDrCVidyaRaj(2021):“PerformanceEvaluationof TCP Variants for IoT Built on Visible Light Communication”, SPRINGER-Lecture Notes in Electrical Engineering, Vol. 783, pp641- 650, November 2021, ISBN: 978-981-16-3690-5
DOI:10.1007/978-981-16-3690-5_58
3. B R Vatsala and Dr C Vidya Raj (2019): “Performance Analysis of InternetofThingsusingVisibleLightCommunication”,International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.9, Issue 2S, pp42-45, December 2019, ISSN: 2278-3075, DOI: 10.35940/ijitee.B1023.1292S19.
4. B R Vatsala and Dr C Vidya Raj (2019):“Priority Based Algorithmic Design of Flow Control Protocol for IoT using LiFi”, International JournalforResearchinEngineeringandManagement(IJREAM), Vol. 5, Issue 1, pp 357-361, April 2019, ISSN: 2454-9150, DOI: 10.18231/2454-9150.2019.0324.
5. B R Vatsala and Dr C Vidya Raj (2019):“Analysis of Smart ApplicationsusingInternetofThings”,InternationalJournalof Advanced Research in Computer and Communication Engineering (IJARCCE), Vol.8, Issue3, pp109-113, March2019, ISSN:2278-1021, DOI: 10.17148/IJARCCE.2019.8321.
6. B R Vatsala and Dr C Vidya Raj (2014): ”Internet of Things: Usage of LiFi and Need for Flow Control Protocol”, International JournalonRecentandInnovationTrendsinComputingandCommunication (IJRITCCE), Vol. 2, Issue 8, pp 2321-8169, August 2014, ISSN: 2321-8169.
DOI: <https://doi.org/10.17762/ijritcc.v2i8.3739>
7. B R Vatsala and Dr C Vidya Raj (2013):“CPULoad Based CountermeasureTechniqueforintelligentDoSattacktargeting Firewalls”,LectureNotesinElectricalEngineering,SPRINGERVol.248,pp139-144,September


	<p>2013, ISSN: 978-81-322-1157-0, DOI:10.1007/978-81-322-1157-0_15'</p> <p>8. BR Vatsala, CVidyaraj, MRRashmi "Prioritizing flows for internet of things built on visible light communication"- International Journal of Information Technology, SPRINGER Vol 16 Issue 8, pp 4821-4832 2024 DOI: https://doi.org/10.1007/s41870-024-02146-9</p> <p>Conference:</p> <ol style="list-style-type: none"> 1. BR Vatsala, Dr CVidyaRaj (2019): "Performance Evaluation of TCP Variants for IoT built on Visible Light Communication", 2 nd International Conference on Data Science, Machine Learning & Applications 2020, Pune, Maharashtra, 05-06 December 2020 2. B R Vatsala, Dr C VidyaRaj (2019): "Performance Analysis of Internet of Things using Visible Light Communication", International Conference on data engineering and communications systems 2019, RNSIT, Bengaluru, 19- 20 December 2019 3. BR Vatsala, Dr CVidyaRaj (2018): "Algorithmic Design of Flow Control Protocol for IoT using LiFi", IEEE International Conference on Current Trends Towards Converging Technologies- 2018, SVSCE, Coimbatore, 1-3 March 2018 4. B R Vatsala, Dr C Vidya Ra j (2017): "Analysis of smart applications using Internet of Things", International symposium on cloud computing and data analytics 2017, TEQIP-CSI, NIE, 17-18 Mar 2017 5. B.R. Vatsala, Dr C Vidya Raj (2012): "CPU Load Based Counter measure Technique for Intelligent DoS Attack Targeting Firewalls", International Conference on Emerging Research in Electronics, Computer Science and Technology 2012, PESCE, Mandya, 21-22 December 2012
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>NIL</p>

FacultyProfile

Name	Dr.NarenderM		
DateofBirth	31-Oct-1990		
UniqueID	1-2291282334		
Education Qualifications	BEinInformationScienceandEngineering MTech in Computer Engineering PhDinFacultyofComputerandInformation Sciences		
• WorkExperience			
Teaching: 10 years	Research:7 years	Industry:NIL	
Others:NIL	AreaofSpecialization:CyberSecurity	CoursesTaughtatUG/PGLevel: UG <ul style="list-style-type: none"> • C-Programming • PythonProgramming • DataStructures and Applications • DatabaseManagementSystems • Cryptography • EngineeringManagement PG <ul style="list-style-type: none"> • Cyber Securityand CyberLaw • Web Services 	
• Research Guidance(NumberofStudents):NIL			
Noof papers Publishedin	National:NIL	International Journals:3	Conferences:1
M. Sc(Completed / Ongoing):	NIL		
Ph.D(Completed/ Ongoing):	NIL		
ProjectsCarried Out:	NIL		
Patents(Filed & Granted)	Filed-1		
Technology Transfer:	NIL		
Research Publications:	<ul style="list-style-type: none"> • Narender M and Yuvaraju B N,"Preemptive Modelling towards Classifying Vulnerability of DDoS Attack in SDN Environment", International Journal of Electrical and Computer Engineering (IJECE), Vol. No. 10, Issue No. 2, Page No. 1599-1611, April 2020. DOI:http://doi.org/10.11591/ijece.v10i2.pp1599-1611 • Narender M and Yuvaraju B N, "Deep Regularization Mechanism for Combating Class Imbalance Problem in Intrusion Detection System for Defending DDoS Attack in SDN", Journal of Computer Science, Vol. 19, Issue No. 3, Page No. 334-344, February 2023. DOI:https://doi.org/10.3844/jcssp.2023.334.344 • K. P. Suhaas, B. G. Deepa, D. Shashank and M. Narender, "Millets Industry Dynamics: Leveraging Sales Projection and Customer Segmentation", SN Computer Science, Vol:5 Issue No.:1063, November 2024.DOI:https://doi.org/10.1007/s42979-024-03437-5 		

<p>No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>Book chapter:</p> <ul style="list-style-type: none">• Yuvaraju B N and Narender M, "To Defeat DDoS Attacks in Cloud Computing Environment using Software Defined Networking (SDN)", in <i>Advances in Intelligent Systems and Computing</i>, Vol. 1224, Springer, Cham, 2020, pp. 73-93. DOI: https://doi.org/10.1007/978-3-030-51965-0_7
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Faculty Profile

Name	Rashmi M R	
Date of Birth	07-07-1985	
Unique ID	1-456938639	
Education Qualifications	M.Tech(Ph.D)	

• Work Experience


Teaching: 18	Research : 6	Industry: ---
Others: ---	Area of Specialization: Internet of Things	Courses Taught at UG/PG Level: <ul style="list-style-type: none"> C, C++, .Net & C#, Java, SQL, Python Digital Electronics, Analysis design of Algorithms, Discrete Mathematics, Database Management System Computer Networks, Database Management Systems, Automata Theory.

• Research Guidance (Number of Students) ---


No of papers Published in	National: ---	International Journals : 10	Conferences: 4
M. Sc (Completed/ Ongoing) :			
Ph.D (Completed/ Ongoing) :	Ongoing		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer:			
Research Publications:	1. Rashmi, M. R., and C. Vidya Raj. "Trust Management for Deep Autoencoder based Anomaly Detection in Social IoT." <i>International Journal of Advanced Computer Science and Applications</i> 14.1 (2023). 2. Rashmi M R and Vidya Raj C "Collaborative Event confidence Trust model for Social Internet of Things", <i>International Conference on Recent Trends in Science & Technology, ATME</i> , 8-9 July 2021 3. Rashmi, M. R., and C. Vidya Raj. "A review on trust models of social Internet of Things." <i>Emerging Research in Electronics, Computer Science and Technology</i> (2019): 203-209. 4. Rashmi, M. R. "Analysis Of Data Aggregation Techniques In Wireless Sensor Networks." <i>International Journal of Applied Engineering Research and Development (IAERD)</i> ISSN (P) 2250: 1584. 5. A research article title "Prioritizing flows for internet of things built on Visible Light		

	<p>Communication”, published in the Journal International Journal of Information Technology with Vol. No. 9 Issue No.2 Page No. 1-12 Impact factor0.7and year of publication 2024 published by Springer Nature with DoI 10.1007/s41870-024-02146-9</p> <p>6. Depression Classification on Social Media Posts using Deep Learning Thimmaiah, K.B., Rashmi, M.R. 14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 2277–2283</p> <p>7. A Revised approach to Receiver Based Multicasting in Adhoc Networks published in IJCTER journal, Volume 02, Issue 03; March-2016, e - ISSN :2455 – 1392.</p> <p>8. “Data Encryption using Cluster Computing”. published in &quot;IJMTER ISSN(Online): 3349-3351</p> <p>9. ”IoT Based Smart Street Light” published in &quot;International Journal of Recent Advances in Multidisciplinary Topic ISSN(Online): 2582-7839</p> <p>10. “Deep Learning Based Cardless ATM using Fingerprint and Face Recognition” published in &quot; IRJETS, ISSN(Online): 2582-5208</p>
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>-</p>


Faculty Profile

Name	Padmini.M.S			
Date of Birth	31/10/1987			
Unique ID	1-456938671			
Education Qualifications	BE, M.Tech (P.hd)			
• Work Experience				
Teaching: 14 Years	Research: 04	Industry: 01		
Others:-	-	-		
• Research Guidance (Number of Students) -- 0				
No of papers Published in	National: 0	International Journals : 05	Conferences: 02	
M.Sc (Completed/Ongoing):	-			
Ph.D (Completed/Ongoing):	Ongoing			
Projects Carried Out:	-			
Patents (Filed & Granted)	-			
Technology Transfer :	-			
Research Publications:	07			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-			

Faculty Profile

Name	SumanaK M		
DateofBirth	30/05/1986		
UniqueID	1-2914489334		
EducationQualifications	BE,M.Tech		
<ul style="list-style-type: none"> WorkExperience 			
Teaching:12	Research :-	Industry:-	
Others:---			
<ul style="list-style-type: none"> Research Guidance(NumberofStudents)-- 			
No ofpapers Published in	National:1	International Journals :	Conferences:1
M.Sc(Completed/Ongoing):	NA		
Ph.D(Completed/Ongoing):	Ongoing		
ProjectsCarriedOut:			
Patents(Filed&Granted)	Filedand published		
TechnologyTransfer :			
ResearchPublications:	1		
No.ofBookspublishedwithdetails : (NameofBook,PublisherwithISBN,Yearof publication, Etc)			

Faculty Profile

Name	PriyankaRV	
Date of Birth	10/03/1993	
Unique ID	1-7332173841	
Education Qualifications	B.E, M.Tech, (PhD)	


• Work Experience

Teaching: 6 years	Research: --	Industry: --
Others: ---	Area of Specialization: Programming, Machine Learning	Courses Taught at UG/PG Level: UG: <ol style="list-style-type: none"> 1. OOP with Java 2. Introduction to Cyber Security 3. Unix and Shell Programming 4. Logic Design 5. OOP with C++ 6. Innovation and Design Thinking 7. Scientific Foundation for Health 8. Cryptography 9. Android Programming 10. C Programming PG: <ol style="list-style-type: none"> 1. Web Services 2. Cloud Computing

• Research Guidance (Number of Students) ---

No of papers Published in	National: ---	International Journals: 1	Conferences:
M.Sc (Completed / Ongoing):	NIL		
Ph.D (Completed/Ongoing):	(Ongoing) Completed Course Work		
Projects Carried Out:	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications:	1		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	BALAJIV	
Date of Birth	24-08-1996	
Unique ID	4NICS0024701	
Education Qualifications	B.E., M.Tech(Data Science)	


• **Work Experience**

Teaching: 1	Research: Nil	Industry: 5 years
Others: Nil	Area of Specialization: Data Science	Courses Taught at UG/PG Level: Operating Systems, Python Programming, Artificial Intelligence, Innovation and Design Thinking


• **Research Guidance (Number of Students) --- Nil**

No. of papers published in	National: 1	International Journals: 1	Conferences: Nil
M.Sc (Completed/Ongoing):	-		
Ph.D (Completed/Ongoing):	-		
Projects Carried Out:	Project lead-ALPHATinkerers Lab (CSR Grant)		
Patents (Filed & Granted)	-		
Technology Transfer:	-		
Research Publications:	2		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

FacultyProfile

Name	SmithaB		
DateofBirth	20/02/1993		
UniqueID	1-10994358132		
EducationQualifications	BE, MTech.		
<ul style="list-style-type: none"> WorkExperience 			
Teaching:3Years	Research:--	Industry:--	
Others:--- -	-	-	
<ul style="list-style-type: none"> Research Guidance(NumberofStudents)-- 			
No ofpapers Published in	National:	International Journals :	Conferences:
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	Ongoing		
ProjectsCarriedOut:	-		
Patents(Filed&Granted)	-		
TechnologyTransfer :	-		
ResearchPublications:	-		
No.ofBooks published with details : (NameofBook,PublisherwithISBN,Yearof publication, Etc)	-		

FacultyProfile

Name	MaheMubeenAkhtar.D	
DateofBirth	02/08/1985	
UniqueID	1-43366199426	
EducationQualifications	B.E,MTech,PursuingPHD	


• WorkExperience

Teaching:7YEARS	Research :0	Industry: ---0
Others:---	AreaofSpecialization: Networking	CoursesTaughtatUG/PGLevel: C,PYTHON,OS,FULL STACK DEVELOPMENT

• Research Guidance(NumberofStudents)---0

No ofpapers Published in	National:---0	International Journals : 0	Conferences:0
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	ONGOING		
ProjectsCarriedOut:	-		
Patents(Filed&Granted)	-		
TechnologyTransfer :	-		
ResearchPublications:	-		
No.ofBookspublishedwith details : (Name of Book, Publisher with ISBN,Yearofpublication,Etc)	-		

FacultyProfile-

Name	USHA KPATIL	
DateofBirth	04/06/1983	
UniqueID	1-44079744830	
EducationQualifications	BE, MTECH.	


• WorkExperience

Teaching:14.5 YEARS	Research:NIL	Industry:---
Others:---	AreaofSpecialization: COMPUTER NETWORK	CoursesTaught atUG/PGLevel :

• ResearchGuidance(NumberOfStudents)---

No ofpapers Published in	National:---10	International Journals :	Conferences:
M.Sc(Completed/Ongoing) :	M.TECH Completed		
Ph.D(Completed/Ongoing):	Ph.DOngoing		
ProjectsCarriedOut:			
Patents(Filed&Granted)			
TechnologyTransfer :			
ResearchPublications:			
No.ofBookspublishedwith details : (Name of Book, Publisher with ISBN, Yearofpublication,Etc)			

FacultyProfile

Name	NAVEENSPAGAD	
DateofBirth	08/07/1985	
UniqueID	1-44718827657	
Education Qualifications	BE,M.Tech,(Ph.D)	

• **WorkExperience**


Teaching:14 Years	Research: PartTime (7years)	Industry:---NIL
Others:---	Area of Specialization : Machine Learning,NaturalLanguageProcessing	CoursesTaughtatUG/PGLevel: Machine Learning PythonApplicationProgramming Unix Object Oriented Concepts Data Communication ComputerNetworks UnixSystemProgramming Storage Area NetworksBig Data Analysis Data Structures C Programming for problem solving ObjectOrientedModelingandDesign Operating System Java & J2EE

• **ResearchGuidance(NumberOf Students)--- NA**

Noof papers Publishedin	National:---	International Journals : 5	Conferences:1
M.Sc(Completed / Ongoing):	NA		
Ph.D(Completed/ Ongoing):	Ongoing		
ProjectsCarried Out :			
Patents(Filed&Granted)	Copyright Registered: Integrationofcloudservices,NaturallanguageprocessingandMachine Learning TechniquesforKnowledgeDiscoveryfromClinicalText”,Dairynumber21027/2021- CO/L, dated 21/10/2021.		
Technology Transfer:			
Research Publications:	1. Naveen S. Pagad, Pradeep N, Tulika Chakrabarti, Prasun Chakrabarti, Pugazhenthana Thangaraju, “Clinical XLNet-based End-to-End Knowledge Discovery on Clinical Text Data using Natural Language Processing”, Journal of the Scientific Society ():10.4103/jss.jss_73_23, October 30, 2024. DOI: 10.4103/jss.jss_73_23. 2. Naveen S. Pagad, Pradeep N, “Leveraging Clinical BERT for End to End Knowledge Discovery and Graph Representation in Healthcare: A Comprehensive Approach”, YMER, Volume 23, Issue 10 (Oct) – 2024, 10.37896/YMER23.10/67.		

	<p>3. NaveenSPagad, PradeepN,KhalidK.Almuzaini,ManishMaheshwari,Durgaprasad Gangodkar, Piyush Shukla, Musah Alhassan, "Clinical Text Data Categorization and Feature Extraction Using Medical-Fissure Algorithm and Neg-Seq Algorithm", Computational Intelligence and Neuroscience, vol. 2022, Article ID 5759521, 16 pages, 2022. https://doi.org/10.1155/2022/5759521 (Q1 Journal) (Indexing: SCIE, SCOPUS, Pubmed, DBLP).</p> <p>4. Naveen S. Pagad, Pradeep N, “End-to-End Relation Extraction on Clinical Text Data using Natural Language Processing”, Azerbaijan Journal of High Performance Computing, Vol 4, Issue 2, 2021, pp.232-241.https://doi.org/10.32010/26166127.2021.4.2.232.241.</p>
<p>No. of Books publishedwith details : (NameofBook, Publisher with ISBN, Year of publication,Etc)</p>	<p>NIL</p>

Faculty Profile

Name	G BJanardhanaSwamy	
Date of Birth	12/06/1988	
Unique ID	2GJCS0006039	
Education Qualifications	B.E, MTech(Ph.D.)	


• Work Experience

Teaching: 13	Research : 1	Industry: 1
Others: ---	Area of Specialization: Machine Learning and Software Engineering	Courses Taught at UG/PG Level: C, C++, Data structures, Operating system, Unix system programming, Logic Design, software Engineering. Software Architecture, Machine Learning, Natural Language Processing, Automata Theory and computability, Computer Network, Database management systems, Management entrepreneurship, Universal Human Values, Social Connect and Responsibility, Design and Analysis of algorithms

• Research Guidance (Number of Students) --

No of papers Published in	National: 2	International Journals : 2	Conferences: 3
M. Sc (Completed/ Ongoing) :	-		
Ph.D (Completed/ Ongoing) :	Ongoing		
Projects Carried Out :	1		
Patents (Filed & Granted)	1-filed and published		
Technology Transfer:	-		
Research Publications:	4		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<ol style="list-style-type: none"> Blockchain-Enabled IoT Integrated Autonomous Sewage Management System, EAI/Springer Innovations in Communication and Computing, "Convergence of Internet of Things and Blockchain Technologies" Page No. 41-56, 2021. Internet of Things and Web Services for Handling Pandemic Challenges, Springer, "Sustainability Measures for COVID-19 Pandemic", Pages 1-19, 2021 		

Faculty Profile

Name	POORNIMAN	
Date of Birth	20/02/1976	
Unique ID	1-9461394248	
Education Qualifications	BE, M.Tech, (Ph.D registered)	


• Work Experience

Teaching: 7 years	Research : Registered (ongoing)	Industry: M.Tech Project (10 months)
Others: ---	Area of Specialization: Image processing, Machine Learning	Courses Taught at UG/PG Level: UG: <ul style="list-style-type: none"> • C Programming, • Software project Management and Entrepreneurship • Object oriented programming using C++ • Computer Forensics • UI&UX • Software Engineering PG: <ul style="list-style-type: none"> • Machine Learning and Applications • Cloud Computing


• Research Guidance (Number of Students) NIL

No of papers Published in	National:	International Journals: 3 (student published)	Conferences: 1
M.Sc (Completed / Ongoing):	NIL		
Ph.D (Completed / Ongoing):	Ongoing		
Projects Carried Out:	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications:	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	MaheshaAM		
Date of Birth	14/09/1972		
Unique ID	1-43812351029		
Education Qualifications	M.Tech(Ph.D)		
			
<ul style="list-style-type: none"> Work Experience 			
Teaching: 16	Research : 3	Industry: ---2	
Others: ---	Area of Specialization: information security	Courses Taught at UG/PG Level: ADA, SEPM, USP	
<ul style="list-style-type: none"> Research Guidance (Number of Students) ---0 			
No of papers Published in	National: ---0	International Journals : 4	Conferences: 1
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	ongoing		
Projects Carried Out:	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	5		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	VEENAMOCHAN M	
Date of Birth	21-12-1994	
Unique ID	NICS00021181	
Education Qualifications	M-TECH	

• Work Experience

Teaching: 1 year 3 months	Research: -0	Industry: -0
Others: ---		Courses Taught at UG/PG Level Digital Design & Computer Organization Microcontroller Data Visualization using Python Unix Shell Programming


• Research Guidance (Number of Students) --0

No of papers Published in	National: 0	International Journals : 0	Conferences: 1
M.Sc (Completed /Ongoing)	-		
Ph.D (Completed/Ongoing)	-		
Projects Carried Out:	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	1		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	SoujanyaKV		
Date of Birth	28-01-1998		
Unique ID	1-43812351345		
Education Qualifications	B.E, MTech		
• Work Experience			
Teaching: 2.2 years	Research: nil	Industry: ---nil	
Others: ---	Area of Specialization: Software Engineering	Courses Taught at UG/PG Level: UG–Principle of Programming using C, OOPs with java, Artificial intelligence PG-nil	
• Research Guidance (Number of Students) --- nil			
No. of papers Published in	National: ---0	International Journals : 1	Conferences: 0
M.Sc (Completed / Ongoing):			
Ph.D (Completed / Ongoing):			
Projects Carried Out:			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications:	1		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

Faculty Profile

Name	Gowtham R Naik	
Date of Birth	27-08-1999	
Unique ID	NIE982	
Education Qualifications	B.E, MTech	


• Work Experience

Teaching: 1.2years	Research :nil	Industry:---nil
Others: ---	Area of Specialization : Information Technology	Courses Taught at UG/ PG Level: UG – Introduction to Cyber Security, Discrete Mathematics and Structure, Social connect and responsibilities, UI/UX PG-Cyber Security and Cyber Law

• Research Guidance(Number of Students)---nil

No. of papers Published in	National:---0	InternationalJournals: 1	Conferences:0
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:	-		
Patents(Filed & Granted)	-		
Technology Transfer:	-		
Research Publications:	1		
No.of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	Chaithra M	
Date of Birth	10/09/1985	
Unique ID	1-43814052676	
Education Qualifications	B.E M.Tech	


• Work Experience

Teaching:6.8years	Research:-0	Industry:-0
Others:---		Courses Taught at UG / PG Level: Oops with Java Logic Design Python Programing StorageAreaNetworks Cloud Computing Multi- Core Architecture Computer Organisation Advanced Computer Networks Introduction to C Programing

• Research Guidance(Number of Students)-- 0

No. of papers Published in	National:0	International Journals : 1	Conferences:0
M.Sc(Completed /Ongoing)	NIL		
Ph.D(Completed/Ongoing)	Ongoing		
Projects Carried Out:	NIL		
Patents(Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications:	0		
No.ofBookspublishedwithdetails:(Name of Book,PublisherwithISBN,Yearof publication, Etc)	NIL		

Faculty Profile

Name	Vidya N L	
Date of Birth	02/05/1995	
Unique ID	1-44718828035	
Education Qualifications	B.E, M.Tech	


• Work Experience

Teaching:04	Research:NIL	Industry:---
Others:---	Area of Specialization : Internet of Things, Machine Learning, Engineering Education,	Courses Taught at UG / PG Level: UG: <ul style="list-style-type: none"> • Fundamentalsin Devops • OperatingSystems • UnixProgramming • Big Data andAnalytics PG: <ul style="list-style-type: none"> • Advanced Database ManagementSystem


• Research Guidance(Number of Students)---

No. of papers Published in	National:---	International Journals : 01	Conferences:02
M.Sc(Completed /Ongoing):	NIL		
Ph.D(Completed/Ongoing):	NIL		
Projects Carried Out:	NIL		
Patents(Filed & Granted)	NIL		
Technology Transfer :	---		
Research Publications:	03		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	NITHYA M R		
Date of Birth	24/06/1991		
Unique ID	4NICS0024721		
Education Qualifications	BE, MTech,(PHD)		
• Work Experience			
Teaching:5	Research :0	Industry:0	
Others:---		Courser taught at UG/PG level: Principles of C Programming, DBMS C++ Object oriented java Python Image processing Pattern Recognition Data Structure using C Information Retrieval	
• Research Guidance(Number of Students)--0			
No of papers Published in	National:0	International Journals :0	Conferences:0
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing)	Ongoing		
Projects Carried Out:	-		
Patents(Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	SAVITHA SRIDHARAMURTHY	
Date of Birth	10 th JUNE1979	
Unique ID	1-44718828431	
Education Qualifications	M.Tech	

• Work Experience

Teaching:13years	Research:	Industry: ---2 Years
Others:---	Area of Specialization: Computer Science and Engineering	Courses Taught at UG/PG Level : Programming in C, Discrete Mathematical Structure, Software Engineering, Data Communication, Unix programming, Web programming and its Application, Object oriented modeling and design, Cryptograph and Network security. Advanced Algorithms.


• Research Guidance(Number of Students)---

No of papers Published in	National:---	InternationalJournals:	Conferences:2
M.Sc(Completed/Ongoing):	Nil		
Ph.D(Completed/Ongoing):	Nil		
Projects Carried Out:	Nil		
Patents(Filed & Granted)	Nil		
Technology Transfer :	Nil		


Research Publications:	<p>1. S2R 2 : An enhanced method to improve the performance of CPU scheduling using Sort-Split Round Robin Technique for load balancing. Published in 2nd International Conference on Applied and Theoretical Computing. 978-1-5090- 2399-8/16/\$31.00@2016 IEEE</p> <p>2. Social Distancing and Face Mask Detection From CCTV Camera published International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181IJERTV10IS080142Publishedby: www.ijert.orgVol.10Issue08, August-2022</p>
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No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil
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Faculty Profile

Name	Divyashree R		
Date of Birth	19/11/1999		
Unique ID	1-44719329404		
Education Qualifications	M Tech in data science		
<ul style="list-style-type: none"> Work Experience 			
Teaching:7months	Research :0	Industry: ---0	
Others:---	Area of Specialization:	CoursesTaughtatUG/PG Level:	
<ul style="list-style-type: none"> Research Guidance(Number of Students)---0 			
No of papers Published in	National:---0	InternationalJournals: 0	Conferences:0
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:	-		
Patents(Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	Mrs.Padmavati K	
Date of Birth	24/05/1979	
UniqueID	1-44719329489	
Education Qualifications	M.Tech.	

• **Work Experience**

Teaching:07	Research:NIL	Industry: 06
Others: NIL	Area of Specialization:	Courses Taught at UG/ PG Level: <ul style="list-style-type: none"> • Digital design and computer organization • Internet Of Things • Research Methodology • Python • Web development • Fullstack development • Programming in C • Machine Learning • Artificial Intelligence • Microprocessor • Analog and Digital Communication • Satellite Communication


• **Research Guidance(NumberOfStudents)-NIL**

Noof papers Published in	National:---	InternationalJournals:02	Conferences:1
M.Sc(Completed / Ongoing):	NIL		
Ph.D(Completed / Ongoing):	NIL		
ProjectsCarriedOut:	NIL		
Patents(Filed & Granted)	NIL		

ResearchPublications :	<ul style="list-style-type: none"> • “Soul Sound: Enhancing Musical Therapy through Facial Expression Recognition with Machine Learning”, Padmavati K1, Amruth KumarDK2, Ganavi S M3, Keerthi K C4, Sourabha Y N5, 1 Assistant Professor, Dept. of Computer Science & Engineering, International Research Journal of Engineering and Technology (IRJET) e-ISSN:2395-0056 Volume: 11Issue: 05 May2024 www.irjet.net p-ISSN: 2395-0072
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	<ul style="list-style-type: none"> • INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING RESEARCH & MANAGEMENT ISSN: 2348-4918 Peer Reviewed and Refereed Journal, VOLUME: 11, Special Issue 08, Paperid-IJIERM-XI-VIII, August 2024. “EMPOWERED: A MOBILE APP FOR INFORMED CAREER EXPLORATION IN INDIA”, Padmavati K1, Shashank A2 Department of Computer Science and Engineering
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL

Faculty Profile

Name	Bhagyashree Katti	
Date of Birth	27-03-2000	
Unique ID	1-44722722441	
Education Qualifications	BE, M.Tech	


• Work Experience

Teaching:4 months	Research:-	Industry:-
Others:--- -	Area of Specialization: Information Technology	Courses Taught at UG / PG Level: Research Methodology Introduction to cyber security Operating System

• Research Guidance(Number of Students)--

No. of papers Published in	National:-0	International Journals:-0	Conferences:-0
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:	-		
Patents(Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	Lavanya K B	
Date of Birth	03/08/1990	
Unique ID	1-44722722384	
Education Qualifications	MTech	


• Work Experience

Teaching:4months	Research:-	Industry:----
Others:---	Area of Specialization : Information Technology	Courses Taught at UG/ PG Level: UG: Research Methodolgy, Introduction to cyber Security

• Research Guidance (Number of Students)--- ---

No. of papers Published in 2024	National:---	International Journals :	Conferences:1
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:	-		
Patents(Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	Zaiba Farheen	
Date of Birth	21-03-1998	
Unique ID	1-44722722489	
Education Qualifications	B.E, M.Tech	


• Work Experience

Teaching:4months	Research:-0	Industry:-2.3years
Others:---	Area of Specialization : Machine Learning, Full StackDevelopment,Cyber Security	Courses Taught at UG/PG Level: UG- <ul style="list-style-type: none"> • Operating Systems • DataVisualization using Python • Computer Networks • Full Stack Development

• Research Guidance(Number of Students)--

No of papers Published in	National:-	International Journals :-	Conferences:1
M.Sc(Completed /Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:			
Patents(Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details : (Name of Book,Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	VISHNUKANTH Kulkarni	
Date of Birth	19/02/1998	
Unique ID	1-44722851904	
Education Qualifications	B.E(CS), M.Tech(IS)	


• **Work Experience:-1.5yrs IT experience**

Teaching:0.4yrs	Research:-Nil	Industry:-Nil
Others:---	Area Of Specialization: Information & Technology	Courses Taught at UG & PG Level: UG:-Artificial Intelligence(AI), DataVisualization with python (DVP), Object Oriented Programming with JAVA(OOP)


• **Research Guidance(Number of Students)-- NIL**

No. of papers Published in	National:0	InternationalJournals:0	Conferences:0
M.Sc(Completed /Ongoing):	0		
Ph.D(Completed/Ongoing):	0		
Projects Carried Out:	0		
Patents(Filed & Granted)	0		
Technology Transfer :	0		
Research Publications:	0		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	0		

Faculty Profile

Name	MOHAMMED ADNAN		
Date of Birth	01/06/1999		
Unique ID	1 -44722851921		
Education Qualifications	Bachelor's Of Engineering, Master's of Technology(M.Tech)		
<ul style="list-style-type: none"> Work Experience:- 2 years at DXC Technology Pvt. Ltd. 			
Teaching:0.3Years	Research:-Nil	Industry:-Nil	
Others:---	Area Of Specialization: Information & Technology	Courses Taught at UG/PG Level: UG:-ArtificialIntelligence(AI), Data Visualization with Python (DVP)	
<ul style="list-style-type: none"> Research Guidance(Number of Students)-- Nil 			
No of papers Published in	National:0	International Journals :0	Conferences:0
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:	-		
Patents(Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details :(Name of Book, Publisher with ISBN,Year of publication, Etc)	-		

Faculty Profile

Name	Sushma M K	
Date of Birth	21-06-2000	
Unique ID	1-44722851969	
Education Qualifications	M.Tech	


• Work Experience

Teaching: 2 Months	Research :-	Industry:-
Others: -	-	-


• Research Guidance(Number of Students)--


No of papers Published in	National: -	International Journals :-	Conferences:-
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:	4		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	Harshini C		
Date of Birth	25/05/1994		
Unique ID	1-44722852047		
Education Qualifications	BE, M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching:1YEAR 3MONTHS	Research :0	Industry: ---0	
Others:---0	Area of Specialization:0	Courses Taught at UG / PG Level:0	
<ul style="list-style-type: none"> Research Guidance(Number of Students)--- 			
No of papers Published in	National:---0	International Journals :0	Conferences:0
M.Sc(Completed/Ongoing):	0		
Ph.D(Completed/Ongoing):	0		
Projects Carried Out:	0		
Patents(Filed & Granted)	0		
Technology Transfer :	0		
Research Publications:	0		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	0		


Faculty Profile

Name	Gajendra L		
Date of Birth	14/12/1999		
Unique ID	1-44723071514		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching:6 months	Research :0	Industry: ---1	
Others:---	Area of Specialization:	Courses Taught at UG/PG Level:	
<ul style="list-style-type: none"> Research Guidance(Number of Students)--- 			
No of papers Published in	National:---0	International Journals : 0	Conferences:0
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
Projects Carried Out:	2		
Patents(Filed & Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		


FacultyProfile			
Name	JYOTHISHREE R K		
Date of Birth	31-07-1990		
Unique ID	1-44722852115		
Education Qualifications	M. Tech		
• Work Experience			
Teaching: 5	Research : 0	Industry: 0	
Others:---	Area of Specialization: Database Management System	Courses Taught at UG / PG Level: C, C++, Design and Analysis of Algorithm, Database Management system, Bigdata, OOPs with JAVA	
• Research Guidance (Number of Students)--No			
No of papers Published in	National: 0	International Journals: 0	Conferences: 0
M.Sc(Completed /Ongoing)	-		
Ph.D(Completed/Ongoing)	No		
Projects Carried Out:	-		
Patents(Filed&Granted)	-		
Technology Transfer :	-		
Research Publications:	-		
No. of Books published with details : (Name of Book, Publisher With ISBN, Year of publication, Etc)	-		

INFORMATION SCIENCE ENGINEERING


Faculty Profile

Name	Dr. Girish		
Date of Birth	10/06/1970		
Unique ID	1-453840015		
Education Qualifications	B.E., M.Tech., Ph.D.		
• Work Experience			
Teaching : 31 Years	Research : 17 Years	Industry : NIL	
Others : NIL	Area of Specialization : Cryptography and Network Security	Courses Taught at UG/PG Level : Computer networks, Software Engineering, Operating systems, Software testing.	
• Research Guidance (Number of Students) ---			
No of papers Published in	National: 5	International Journals :5	Conferences : 5
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	15		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	Dr. K Raghuveer		
Date of Birth	02-05-1967		
Unique ID	1-458467571		
Education Qualifications	Ph.D.		
• Work Experience			
Teaching : 30	Research : 10	Industry : -	
Others : ---	Area of Specialization : Data Mining	Courses Taught at UG/PG Level : UG/PG Data Mining ,Software Engineering,Computer networks,Finite Automata and Formal language,Wireless sensor network, Artificial Intelligence, Data communication, Computer organization,Unix and shell programming	
• Research Guidance (Number of Students) ---			
No of papers Published in	National: - --	International Journals : 35	Conferences : 30
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	50		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	20		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile


Name	Dr. P Devaki	
Date of Birth	22-08-1967	
Unique ID	1-458520821	
Education Qualifications	Ph.D.	

• **Work Experience**


Teaching : 34	Research :	Industry : ---0
Others : ---	Area of Specialization :	Courses Taught at UG/PG Level : Computer Networks,Cyber Security,Deep Learning, Software Engineering, Cloud computing, Wireless sensor networks, Social Networks

• **Research Guidance (Number of Students) ---**

No of papers Published in	National: ---	International Journals : 20	Conferences : 20
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	30		
Patents (Filed & Granted)	NIL		
Technology Transfer :	-		
Research Publications :	20		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	KSOU Study Material on Software Engineering		

Faculty Profile			
Name	Mr.C N Chinnaswamy		
Date of Birth	22/07/1979		
Unique ID	1-456938631		
Education Qualifications	M.tech(Ph.D)		
<ul style="list-style-type: none"> Work Experience 			
Teaching :23 Years	Research : 4Years	Industry : 1 Year	
Others : NIL	Area of Specialization : Wireless Sensor Networks	Courses Taught at UG/PG Level : Logic Design, Operating System, Client server computing, System simulation and Modeling, JAVA and J2EE, UNIX and Shell programming, UNIX System Programming, UNIX Network Programming, Algorithms, Computer architecture, C Programming, OOPs with C++, Computer system Design and architecture, Computer Organization, Real Time Systems, Computer Networks, Computer Graphics. Artificial Intelligence, Cryptography and Network security, Wireless adhoc Networks, system software and Compiler Design. Data structures, Graph theory, Discrete mathematical structure.	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- NIL 			
No of papers Published in	National: 15	International Journals :35	Conferences : 10
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	01: (Worked as a Expert Member to install security cameras and established the traffic control room using fiber optics technology during 2014-2015 across Mysuru city by MCC.)		
Patents (Filed & Granted)	NIL		
Technology Transfer :	1. Associated in the Automation DST funded project and gave the technology requirements of WSN. 2. Provided a software solution for the pilot project of APMC, Mysuru to avoid middle men between farmers and the customers, which helps the farmers to sell their products directly to customers.		
Research Publications :	11		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	01 (Introduction to Computers)		

Faculty Profile		
Name	Dr. Bhat Geetalaxmi Jairam	Photo

Date of Birth	17/05/1975	
Unique ID	NIE166	
Education Qualifications	Ph.D	


• **Work Experience**

Teaching :14	Research : NIL	Industry :3
Others : ---NIL	Area of Specialization :Wireless Sensor Network	Courses Taught at UG/PG Level : Software Engineering, Logic Design, Microprocessor, Computer networks, Finite Automata and Formal language, Electronic circuits, Basic electronics, Wireless sensor network, Artificial Intelligence, Graph theory, Data communication, Computer organization, Digital Devices & Computer organization.

• **Research Guidance (Number of Students) --- Two**


No of papers Published in	National: --- NIL	International Journals :6	Conferences :14
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	Energy Efficient data gathering technique in WSN using multiple mobile elements in WSN. (K-FIST -L1-VGST)-20 Lakh Grant-Status- Completed.		
Patents (Filed & Granted)	Filed- Published- IOT and Artificial Intelligence based smart farming system using cloud computing and Wireless sensor Network.		
Technology Transfer :	NIL		
Research Publications :	5 Scopus Indexed research papers		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	Dr.C.K.Vanamala	
Date of Birth	19/12/1974	

Unique ID	NIENG000166		
Education Qualifications	PhD		
● Work Experience			
Teaching : 25yrs	Research : NA		Industry : — NA
Others : — NA	Area of Specialization : Wireless Sensor Networks	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> 1. Machine Learning and Artificial intelligence 2. Decision Support and Business Intelligence 3. Cloud Computing 4. Right to Information Act 5. Gender Sensitisation 6. Software engineering and Project Management 7. Engineering Management and Entrepreneurship 8. Wireless AdHoc Network 9. Management Information Systems 10. Big Data Analytics 	
● Research Guidance (Number of Students) — Guideship Awaited			
No of papers Published in	National: --- 12	International Journals : 5	Conferences : 8
M. Sc (Completed / Ongoing) :	—		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NA		
Technology Transfer :	—		
Research Publications :	Published more than 25 papers in national, international conferences and journals.		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	1 (KSOU)		

Faculty Profile


Name	KIRAN B N	
Date of Birth	10-05-1978	
Unique ID	1-456938623	
Education Qualifications	BE in CS&E, MTech in CNE, (PhD)	


• **Work Experience**


Teaching : 23 Years 3 months	Research : 5 years	Industry : Nil
Others : Nil	Area of Specialization : WSN	Courses Taught at UG/PG Level : 48

• **Research Guidance (Number of Students) Guiding UG and PG projects**

No of papers Published in	National: 08	International Journals : 21	Conferences : 5
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NA		
Technology Transfer :	NA		
Research Publications :	34		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA		


Faculty Profile			
Name	PRATHIBHA B S		
Date of Birth	22-04-1978		
Unique ID	NIE192		
Education Qualifications	M.Tech in CNE, (Ph.D)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 20 yrs	Research : 3 yrs	Industry : ---	
Others : ---	Area of Specialization : Computer Networks	Courses Taught at UG/PG Level : UG: Logic Design Database Management Systems Data Communication Cyber Security Digital Design and CO Storage Area Networks PG: Network Management Advanced SAN	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- - 			
No of papers Published in	National: -	International Journals : 11	Conferences : 08
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		


Faculty Profile			
Name	Ms.Prajakta Madankar		
Date of Birth	27-09-1976		
Unique ID	NIE194		
Education Qualifications	M.Tech.(Computer Network Engineering)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 24years	Research : NIL	Industry : NIL	
Others : NIL	Area of Specialization : NIL	Courses Taught at UG/PG Level : UG Level: Logic Design, Management & entrepreneurship Development, Entrepreneurship Technology and Management , Object Oriented Analysis & Design , Software Engineering , Computer Network, System Simulation & Modeling , Computer organization , Microprocessor , Computer concepts & C Programming, Data Communications , Business Intelligence, Multimedia communication, Client/Server Computing, Natural Language Processing, Cloud Computing, Innovation and Design Thinking. PG Level: Cyber Crime & Digital Forensics, Artificial Intelligence , Social Network	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- NIL 			
No of papers Published in	National: 01	International Journals : 07	Conferences : NIL
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	Dr. Nandini B M		
Date of Birth	28-11-1980		
Unique ID	NIE195		
Education Qualifications	BE, MTech, Ph.D		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 19 yrs	Research : 06	Industry : ---	
Others : ---	Area of Specialization : Digital Image Processing	Courses Taught at UG/PG Level : UG Courses: C, C++, Python, Data Structures, Discrete Mathematical Structures, Graph Theory, Computer Organization, Operating System, File Structures, Analysis and Design of Algorithms, Data Communication, Computer Networks, Wireless and Mobile Communications, Cryptography and Network Security, Cyber Security, Machine Learning, Research Methodology and IPR, Python programming, Social Connect and Responsibility . PG Courses: Information and Network Security.	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: 02	International Journals : 17	Conferences : 05
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	ICSSR project proposal approved and waiting for grants		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	05		
	1. Nandini, B.M, Sharmila, B.S., et. al., “ Performance Evaluation of Parametric and Non-Parametric Machine Learning Models using Statistical Analysis for RT-IoT2022 Dataset ”. In. Journal of Scientific and Industrial Research, 2024, 83(8), pp. 864–872. [ESCI,		

	<p>Scopus – Q3 journal]</p> <ol style="list-style-type: none"> 2. B. M. Nandini and N. Kaulgud. (2024). "Dark Channel Prior in Low Frequency Domain for time-efficient Single Image dehazing". In. International Journal of Image and Data Fusion, DOI:10.1080/19479832.2024.2314503. [ESCI, Scopus - Q2 journal] 3. B. M. Nandini and N. Kaulgud. (2023). "Relative Depth Prediction of Objects in Hazy Images Using Depth-map and Object Detection". In. International Journal of Intelligent Systems and Applications in Engineering, 12(1), 267276. DOI: https://ijisae.org/index.php/IJISAE/article/view/3891. [Scopus - Q3 journal] 4. "Fog Density Estimation and Elimination of Fog in Single Image", <i>International Journal of Innovative Research in Technology(IJIRT)</i> © July 2022, Volume 9 Issue 2 ISSN: 2349-6002. 5. "A Study of Various Approaches for Enhancement of Foggy/Hazy Images", <i>International Journal of Computer Science & Information Security(IJCSIS)</i> , Volume 14, Special Issue, 82-89, October 2016.
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>----</p>


Faculty Profile

Name	Mr. N Rajesh		
Date of Birth	25-04-1975		
Unique ID	NIE197		
Education Qualifications	M.tech		
• Work Experience			
Teaching : 18years	Research :NIL	Industry : 1year	
Others : NIL	Area of Specialization : Cyber Security & Storage Area Network	Courses Taught at UG/PG Level : Data Structures,Programming in C,Operating Systems,Information Storage & Management,Cyber Security,Web Technologies	
• Research Guidance (Number of Students) ---NIL			
No of papers Published in	National: ---	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	Dr. Shashank Dhananjaya		
Date of Birth	13/07/1985		
Unique ID	NIE495		
Education Qualifications	B.E., M.Tech, Ph.D.		
<ul style="list-style-type: none"> Work Experience 			
Teaching :15	Research : 5	Industry :2	
Others : ---	Area of Specialization : Software Engineering, Computer Networking	Courses Taught at UG/PG Level : Introduction to Python Programming, Cloud Computing, Introduction to Cyber Security, Artificial Intelligence, Deep Learning	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals :03	Conferences :03
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	<ul style="list-style-type: none"> Pavithra, H.C., Rajeshwari, J., Sunitha, R., Dhanajaya, S., Kumar, A.P., Chandrika, J. (2024). Identification of Counterfeit Products Using Blockchain in E-Commerce. In: Hassanien, A.E., Anand, S., Jaiswal, A., Kumar, P. (eds) Innovative Computing and Communications. ICICC 2024. Lecture Notes in Networks and Systems, vol 1021. Springer, Singapore. https://doi.org/10.1007/978-981-97-3591-4_36 S. Dhananjaya, N. M and S. R, "End to End Model to Reduce the Inference, Jamming, and to Increase the Trust from the Compromised Secondary Nodes in Cognitive Radio Networks," 2024 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE), Bangalore, India, 2024, pp. 1-10, doi: 10.1109/IITCEE59897.2024.10467580. 		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile			
Name	Pradeep Kumar H S		
Date of Birth	11/02/1985		
Unique ID	NIE540		
Education Qualifications	M.Tech., (PhD)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 12	Research : 04	Industry : -NIL-	
Others : ---	Area of Specialization : Wireless Sensor Networks	Courses Taught at UG/PG Level : Discrete Mathematics, Graph Theory, Machine learning, OOP with Java, Web Technology, Computer Forensics	
<ul style="list-style-type: none"> Research Guidance (Number of Students) NA 			
No of papers Published in	National: 02	International Journals : 02	Conferences : 01
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	Sahas Bharadwaj R (Assistant Professor)		
Date of Birth	08/11/1992		
Unique ID	NIE652		
Education Qualifications	BE, M.Tech, (PhD)		
<ul style="list-style-type: none"> Work Experience 			
Teaching:8 Years	Research: 3 Years	Industry:-	
Others: ---	Area of Specialization: Cyber security & machine Learning	Courses Taught at UG/PG Level: UG: <ol style="list-style-type: none"> 1. Operating Systems 2. Computer Forensics 3. Human computer Interaction systems 4. Semantic web 5. Cognitive Science 6. Principles of Programming using C PG: <ol style="list-style-type: none"> 1. Social Networks 2. Cyber Security 	
<ul style="list-style-type: none"> Research Guidance (Number of Students) : NA 			
No of papers Published in	National:	International Journals:8	Conferences:1
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	2		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	Dr. Suhaas K P	
Date of Birth	31-07-1991	
Unique ID		
Education Qualifications	B.E., M.Tech., Ph.D	

- Work Experience**


Teaching: 8 years	Research: 6 years	Industry: 1 year
Others: ---	Area of Specialization: Ad Hoc Networks, Blockchain Technology, Network Security	Courses Taught at UG/PG Level: OOP with Java, Cryptography, Blockchain Technology, Advanced Computer Architecture.Python Programming, Software Engineering

- Research Guidance (Number of Students):**---


No of papers Published in	National: 01	International Journals: 10	Conferences: 02
M. Sc (Completed / Ongoing):	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out:			
Patents (Filed & Granted)			
Technology Transfer:			


Research Publications:	<p>S. K. Prashanth and S Senthil, “Stochastic-Reinforcement Learning Assisted Dynamic Power Management Model for Zone-Routing Protocol in Mobile Ad Hoc Networks,” Wireless Personal Communications, Springer, vol. 120, no. 1, pp. 203–230, Sep. 2021, doi: 10.1007/s11277-021-08448-6.</p> <p>Suhaas K P and S Senthil, “GC-ZRP: Cross-layer architecture based geographical network condition aware zone routing protocol for MANET,” International Journal of Recent Technology and Engineering, vol. 8, no. 1, pp. 2186–2198, 2019</p> <p>Suhaas K P and S Senthil, “An Adaptive Model for Congestion Resilient and Deadline Sensitive Communication in Zone-Routing Based MANETs using Cross-Layer Architecture,” Test Engineering and Management, vol. 83, pp. 3746–3752, Jun. 2020.</p> <p>Suhaas K P and S Senthil, “A Dynamic Buffer Management Technique with Integrated Cross-Layer Approach for Effective Routing Strategy in Zone Routing Protocol for MANETs,” Test Engineering and Management, vol. 83, pp. 3480–3487, 2020</p> <p>B. Ayshwarya; T Logeswari; Divyashree D; Suhaas K P, “Hybrid Neural Network Method using Aquila optimization algorithm for detection of Lung Cancer in CT Images”, SN Computer Science, Springer Nature. Accepted.</p> <p>Suhaas K.P and S Senthil, “A Robust Routing Strategy for Congestion</p>
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	<p>Resilient Communication through Augmented Network-Aware and Multi-Parameter Assistance for Optimal Routing Decision in Zone Routing Protocol,” in 2020 IEEE International Conference on Technology, Engineering, Management for Societal impact using Marketing, Entrepreneurship and Talent (TEMSMET), Dec. 2020, pp. 1–6. doi: 10.1109/TEMSMET51618.2020.9557378.</p> <p>Suhaas K P and S Senthil, “A Study on Advancements on the Zone Routing Protocol of Hybrid Ad Hoc Networks,” International Journal on Recent and Innovation Trends in Computing and Communication, vol. 5, Mar. 2017, doi: https://doi.org/10.17762/ijritcc.v5i3.256</p> <p>Suhaas K P, S Senthil. Deepa B G, “A Novel Approach to Optimize Power Utilization and Scheduling in Dynamic Networks through Generative Adversarial Networks based Prediction of Network Parameters”, De Gruyter, Generative Adversarial Networks. Springer Nature. Accepted</p> <p>Suhaas K P and S Senthil, “A Robust Communication Strategy for Inter-Cloud Networking Environment through Augmented Network-Aware and Multiparameter Assistance,” in Operationalizing Multi-Cloud Environments. EAI/Springer Innovations in Communication and Computing, R. Nagarajan, P. Raj, and R. Thirunavukarasu, Eds. Springer, 2022, pp. 159–173. doi: 10.1007/978-3-030-74402-1_9.</p> <p>Suhaas, K.P., Deepa, B.G., Shashank, D. et al. Millets Industry Dynamics: Leveraging Sales Projection and Customer Segmentation. SN COMPUT. SCI. 5, 1063 (2024). https://doi.org/10.1007/s42979-024-03437-5</p> <p>Raj, A., Sadhana, K. & Suhaas, K.P. A Novel Multi-Modal Approach that Fuses Dermoscopic Images with Thermal Imaging in Pre-Emptive Identification of Diabetic Foot Ulcers (DFUs). <i>SN COMPUT. SCI.</i> 5, 1055 (2024). https://doi.org/10.1007/s42979-024-03439-3</p>
<p>No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	


Faculty Profile		
Name	S.Kuzhalvaimozhi	
Date of Birth	27-05-1972	
Unique ID		
Education Qualifications	B.E.,M.E.,Ph.D.	
<ul style="list-style-type: none"> Work Experience 		
Teaching :26	Research :	Industry : ---

Others : ---	Area of Specialization :Information Security	Courses Taught at UG/PG Level : Cryptography and Network Security Operating System Distributed System Java Programming Theoryof Computation Data Structures	
<ul style="list-style-type: none"> • Research Guidance (Number of Students): 3 			
No of papers Published in	National: 10	International Journals :14	Conferences :20
M. Sc (Completed / Ongoing) :	----		
Ph.D (Completed / Ongoing) :	On Going:3		
Projects Carried Out :	----		
Patents (Filed & Granted)	----		
Technology Transfer :	----		
Research Publications :	----		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	----		

Faculty Profile			
Name	Mr.Rampur Srinath		
Date of Birth	12/07/1975		
Unique ID	1-453840019		
Education Qualifications	M.tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching :22 Years	Research : 2 Years	Industry : 1 Year	
Others : NIL	Area of Specialization : Cloud Computing, Machine Learning	Courses Taught at UG/PG Level : Introduction to Machine Learning, Client Server Programming, System Software, Cloud Computing, Unix Shell Programming, Data Structures	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- NIL 			
No of papers Published in	National: 5	International Journals :12	Conferences : 9
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	1		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	15		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	1		

Faculty Profile			
Name	Ms. Mayura Tapkire		
Date of Birth	13-01-1986		
Unique ID	NIE369		
Education Qualifications	Persuing PhD, M.E. in Computer Network Engineering		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 10.4 Years	Research : 4 Years	Industry : 2 Years	
Others : NIL	Area of Specialization : AIML	Courses Taught at UG/PG Level : UG Level: C programming, Introduction to Machine learning, Deep Learning, Software Engineering, Unix system programming, Cloud computing, Wireless sensor networks PG Level: Wireless Adhoc Networks, Cloud computing, Social Networks	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- NIL 			
No of papers Published in	National:	International Journals :10	Conferences : 2
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	Granted-1, Filled-1		
Technology Transfer :	NIL		
Research Publications :	3		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile

Name	Nandini P	
Date of Birth	11-06-1986	
Unique ID	NIE338	
Education Qualifications	B.E. (IS&E), M.Tech(Computer Engineering) and (Ph.D) under VTU in the domain Natural Language Processing- (In pursuit - registered in 2020)	

• Work Experience


Teaching : 12+ Years	Research :	Industry :
Others :	Area of Specialization :Natural Language Processing	Courses Taught at UG/PG Level :C Programming, Web Commerce, Multimedia Computing, Introduction to Engineering Design, Information and Network Security, Object Oriented Modeling and Design Patterns, Digital Logic and Computer Organizations, Machine Learning, Research Methodology, Artificial Intelligence.


• Research Guidance (Number of Students)


No of papers Published in	National:	International Journals :2	Conferences :1
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	08		
Patents (Filed & Granted)	-		
Technology Transfer :	-		


Research Publications :	01
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-


Faculty Profile			
Name	PADMA M T		
Date of Birth	2-2-1991		
Unique ID	NIE844		
Education Qualifications	M.TECH		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 3 YEARS 5 MONTHS	Research :0	Industry : ---0	
Others : ---	Area of Specialization :SOFTWARE ENGINEERING,MACHINE LEARNING	Courses Taught at UG/PG Level : PYTHON PROGRAMMING FOR M.Sc BIOINFORMATICS) PERL PROGRAMMING FOR M.Sc(BIOINFORMATICS)	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	Diffuse Lung disease classification using deep neural networks		
Patents (Filed & Granted)	NIL		
Technology Transfer :	MOODLE, GOOGLE CLASSROOM		
Research Publications :	1		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile			
Name	Manasa U		 Photo
Date of Birth	18-06-1991		
Unique ID	NIE1003		
Education Qualifications	B.E , M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 1	Research :NIL	Industry : ---	
Others : ---	Area of Specialization : Computer Network Engineering	Courses Taught at UG/PG Level : DBMS , python, microcontroller	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals :	Conferences : 1
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	MEGHANA NR		
Date of Birth	20-07-1995		
Unique ID	NIE1005		
Education Qualifications	BE, MTECH		
<ul style="list-style-type: none"> Work Experience 			
Teaching :1 YEAR	Research :	Industry :1 YEAR	
Others : ---	Area of Specialization :	Courses Taught at UG/PG Level :	
		<ol style="list-style-type: none"> 1. GRAPH THEORY 2. THEORY OF COMPUTATION 3. HUMAN COMPUTER INTERFACE (HCI) 4. SOCIAL CONNECT AND RESPONSIBILITY 	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :			
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

Faculty Profile			
Name	LIKITHA M P		
Date of Birth	01-09-1999		
Unique ID	NIE1007		
Education Qualifications	BE, MTECH		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 1 YEAR	Research :	Industry : ---4 MONTHS	
Others : ---	Area of Specialization :	Courses Taught at UG/PG Level : Cloud computing Principles of programming using C	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :			
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			


Faculty Profile			
Name	Dr. Rajeshwari D		
Date of Birth	09-04-1978		
Unique ID	NIENG001293		
Education Qualifications	PhD		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 20	Research :02	Industry : ---0	
Others : ---	Area of Specialization: Machine Learning	Courses Taught at UG/PG Level: OOPs, ADA, CO, DSC CN-I, Advanced Java, UNIX & SHELL PGM, PL, AT&C, Compiler design SMS, C# .Net, OOMD, CCP OS, Java & J2EE, ADE Python Programming, USP, File Structure Bigdata Analytics	
<ul style="list-style-type: none"> Research Guidance (Number of Students) 02 			
No of papers Published in	National: 2	International Journals : 14	Conferences : 5
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	2022 September		
Projects Carried Out :			
Patents (Filed & Granted)	1/1		
Technology Transfer :	Nil		
Research Publications :	8		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	--		


Faculty Profile			
Name	SPOORTHI B N		
Date of Birth	27/01/1996		
Unique ID	NIE1042		
Education Qualifications	B.E, M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 06 months	Research : Nil	Industry : ---Nil	
Others : ---Nil	Area of Specialization : Computer Science and Engineering	Courses Taught at UG/PG Level : UG - Advanced Java, Software Engineering, Scientific Foundation for Health	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- Nil 			
No of papers Published in	National: ---0	International Journals : 0	Conferences : 0
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	SHALPARNI P Y		
Date of Birth	11/12/1995		
Unique ID	NIE1044		
Education Qualifications	B.E, M.Tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 06 months	Research : Nil	Industry : ---Nil	
Others : ---Nil	Area of Specialization : Computer Networks	Courses Taught at UG/PG Level : UG – DD&CO, Scientific foundation for Health PG – Distributed Systems	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- Nil 			
No of papers Published in	National: ---0	International Journals : -	Conferences : 0
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		


Faculty Profile			
Name	Lammiya Huda		
Date of Birth	03-06-1999		
Unique ID	NIE1068		
Education Qualifications	B.E,M.tech		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 02months	Research : Nil	Industry : ---Nil	
Others : ---Nil	Area of Specialization :	Courses Taught at UG/PG Level : UG : DDCO	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals : 1(Submitted for review)	Conferences :
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	Automatic detection of Covid-19 using chest X-ray images with CNN, Performance and security assessment of custom HTTP packet sniffing tools with integrated Intrusion detection system		
Patents (Filed & Granted)			
Technology Transfer :	--		
Research Publications :	1		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		


Faculty Profile			
Name	Sandhya N		
Date of Birth	23/07/1997		
Unique ID	NIE942		
Education Qualifications	B.E, M.tech(Software Engineering)		
<ul style="list-style-type: none"> Work Experience 			
Teaching :2 Years	Research :	Industry :1.5 Years	
Others : ---	Area of Specialization :Software Engineering	Courses Taught at UG/PG Level: Computer Organization DBMS Software Testing Research Methodology	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals :5	Conferences :
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :			
Projects Carried Out :	Main Project(MTech) - Music Classification According to User's mood Using CNN. Main Project (B.E) - Main Project: Lung Cancer Identification using Machine Learning Algorithms.		
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			


Faculty Profile			
Name	Ms. Bhavani R		
Date of Birth	11/12/1996		
Unique ID	NIENG0001437		
Education Qualifications	BE in Computer Science M. Tech in Information Technology		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 2 Years	Research : NIL	Industry : ---	
Others: ---	Area of Specialization: Computer Science, Python, Data Science, Machine Learning.	Courses Taught at UG/PG Level: PG Taught: Data Analytics with Python, Web Technology, Machine Learning. UG Taught: Computer Networks.	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals	Conferences :
		:	
M. Sc (Completed / Ongoing):	--		
Ph.D (Completed / Ongoing):	--		
Projects Carried Out:	--		
Patents (Filed & Granted)	--		
Technology Transfer :	--		
Research Publications :	--		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	--		

PHYSICS

Faculty Profile

Name	Dr. S Doreswamy		
Date of Birth	09/10/1968		
Unique ID	NIE104		
Education Qualifications	M.Sc., Ph.D.		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 33	Research : 20	Industry : ---	
Others : ---	Area of Specialization : Solid State Physics, Photonics	Courses Taught at UG/PG Level : Engineering Physics	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals : 13	Conferences :
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NIECRD(Ongoing)		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	13		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile			
Name	Dr. Deepa Urs M V		
Date of Birth	11 – 10 – 1980		
Unique ID	NIE629		
Education Qualifications	M.Sc., Ph.D.		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 15.5 Years	Research : 17 Years	Industry : nil	
Others : ---	Area of Specialization : Material Science	Courses Taught at UG/PG Level : Engineering Physics, Applied Physics for CE, ME, EEE, ECE, Open Elective courses and ETC Course	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 01 registered 			
No of papers Published in	National: ---	International Journals : 27	Conferences : 19
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	01 Ongoing		
Projects Carried Out :	01 Completed		
Patents (Filed & Granted)	Nil		
Technology Transfer :	-		
Research Publications :	27		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	01 “Free volume and Contact Lens Biopolymers” Authors: Dr. C. Ranganathaiah & Dr. Deepa Urs M.V. Publisher: VDM Verlag Dr. Muller eK, 2010		

Faculty Profile			
Name	Dr. PARAMESWARA P		
Date of Birth	24-04-1983		
Unique ID	NIE512		
Education Qualifications	M. Sc., Ph. D		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 18	Research : 15	Industry : Nil	
Others : Nil	Area of Specialization : Solid State Physics, Materials Science, Astrophysics, Polymers and XRD	Courses Taught at UG/PG Level : Engineering Physics, Applied Physics for ME Stream, Applied Physics for CV Stream, Applied Physics for EEE Stream.	
<ul style="list-style-type: none"> Research Guidance (Number of Students): 02 			
No of papers Published in	National: 03	International Journals : 22	Conferences : 10
M. Sc (Completed / Ongoing) :	Completed in 2005		
Ph.D (Completed / Ongoing) :	Completed in 2012		
Projects Carried Out :	NIE-CRD Funding projects		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	25		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		


Faculty Profile

Name	Dr. Neetha S	
Date of Birth	03/02/1982	
Unique ID	NIE -302 , 1-7379172594	



Education Qualifications	M.Sc, Ph.D.		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 20 +	Research :19+	Industry : ---	
Others : ---	Area of Specialization : Solid state Physics, Material Science and Quantum Physics	Courses Taught at UG/PG Level : Engineering Physics Quantum Computation	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals : 14	Conferences : ---
M. Sc (Completed / Ongoing) :	Completed - 2004		
Ph.D (Completed / Ongoing) :	Completed - 2010		
Projects Carried Out :	NIECRD(currently ongoing)		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	14		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	---		

Faculty Profile

Name	Dr. Sankarshan B. M.	
Date of Birth	16/05/1988	
Unique ID	1-7332173228	
Education Qualifications	Ph. D.	

- Work Experience**

Teaching: 8.5	Research: 12.5	Industry : 0
Others: NA	Area of Specialization: Radiation Physics, Nano Science and Technology, Condensed matter Physics	Courses Taught at UG/PG Level: Engineering Physics

- Research Guidance (Number of Students): -- 01**

No of papers Published in	National: --	International Journals : 26	Conferences : 16
M. Sc (Completed / Ongoing) :	--		
Ph.D (Completed / Ongoing) :	01 (Ongoing)		
Projects Carried Out :	2 = 1 (NIE-CRD- 33k) + 1 (VGST- 40 Lakh)		
Patents (Filed & Granted)	0		
Technology Transfer :	0		
Research Publications :	26		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Mathematical Methods of Physics (MPDSC 1.2), Karnataka State Open University (without ISBN), 2022		


Faculty Profile

Name	Dr. CHANDRA		
Date of Birth	10-08-1983		
Unique ID	1-2388405569		
Education Qualifications	M.Sc., Ph.D		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 15	Research : 14	Industry :	
Others :	Area of Specialization : Solid State Physics	Courses Taught at UG/PG Level : UG	
<ul style="list-style-type: none"> Research Guidance (Number of Students): 02 			
No of papers Published in	National:7	International Journals :68	Conferences :01
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	02 (NIE-CRD)		
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	76		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	03 (Without ISBN number) MPDSE 2.4: Optics, Photonics & Lasers” 2nd Semester M.Sc. Physics BPDSC-1: Mechanics:Ist Semester B.Sc. Physics MPDSC-1.3: Atomic and Molecular Physics Publisher: Karnataka State Open University Year: 2022		


Faculty Profile


Name	Dr. Lohith T. N.		
Date of Birth	20/01/1994		
Unique ID	NIE998		
Education Qualifications	Ph.D.		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 5.2 Years	Research : 5 Years	Industry :	
Others :	Area of Specialization : Crystallography	Courses Taught at UG/PG Level : UG	
<ul style="list-style-type: none"> Research Guidance (Number of Students): NA 			
No of papers Published in	National:	International Journals :	Conferences : 01
		36	
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	37		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		



Faculty Profile			
Name	Dr. Vinay Kumar D. C.		
Date of Birth	20/07/1991		
Unique ID	NIENG001439		
Education Qualifications	M.Sc., Ph.D. (Physics)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 6.5 Years	Research : 4 Years	Industry : ---	
Others : ---	Area of Specialization : Crystallography	Courses Taught at UG/PG Level : Applied Physics for CSE Stream	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals : 7	Conferences : Nil
M. Sc (Completed / Ongoing) :	Completed (2014)		
Ph.D (Completed / Ongoing) :	Completed (2024)		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	07		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		


CHEMISTRY

Faculty Profile			
Name	Dr. L Sukanya Ravishankar		Photo 
Date of Birth	08/10/1965		
Unique ID			
Education Qualifications	M. Sc., Ph. D (Chemistry)		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 32 years	Research : 25 years	Industry : --- NIL	
Others : ---	Area of Specialization : General Chemistry	Courses Taught at UG/PG Level : UG: Engineering Chemistry	
<ul style="list-style-type: none"> Research Guidance (Number of Students) ---02 			
No of papers Published in	National: ---	International Journals : -	Conferences : -
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	NIL		
Technology Transfer :	-		
Research Publications :	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Name of Teaching Staff*	Dr. LAKSHMI RANGANATHA V			
Designation	ASSOCIATE PROFESSOR & HEAD			
Department	CHEMISTRY			
Date of Joining the Institution	7 th July 2016			
Qualification with Class / Grade	B.Sc., C.Z.Bt., (Distinction)	M.Sc., in CHEMISTRY (Distinction with First Rank)		PhD in Chemistry
Total Experience in Years	Teaching - 11	Industry – 2 Months		Research - 14
Papers Published	National	-	International	100
Papers Presented in Conferences	National	10	International	15
PhD Guide? Give field and University	Field	Organic Chemistry	University	VTU, Belagavi.
PhDs / Projects Guided	PhDs	-	Projects at Master Level	15
Books Published / IPRs / Patents	Filed a group patent on “A system for stored water quality monitoring, stored water purification and stored water quality data communication”. File No. 201741011886A.			
Professional Memberships	<ol style="list-style-type: none"> 1. Life Member of Nuclear Magnetic Resonance Society, Indian Institute of Science, Bangalore 2. Life Member of Indian Nuclear Society (INS), Mumbai. (LM14112). 3. Life Member of Chemical Research Society of India (CRSI), IISc, Bangalore. (LM 4294) 4. Member of Indian council of Chemists (ICC). Fellowship No. AF/7592/2013. 5. Member of Indian Science Congress Association (ISCA) Membership No. A2451 			
Consultancy	-			


	Activities	
Awards		<ol style="list-style-type: none"> 1. Listed in the World Scientist and University Rankings in 2022 and 2023 consecutively. 2. Cash award received for Best idea presented at “Faculty Conclave – 2023” held at NIE Mysore, on 17th June 2023 3. Received “1970 Alumni Endowment Award for Faculty” - Best Publication for the year 2019-20 (50,000/- Cash prize with citation) on 09-04-2022. 4. Received 2nd Prize for Best Oral Presentation in UGC sponsored two-day National Conference on “Current Trends in Chemical Biology: (CTCB-2015)”, Organized by Department of Chemistry, JSS college, Ooty Road, Mysore, on March 2nd and 3rd 2015. 5. Received Best Poster Presentation Prize in UGC Sponsored National level seminar on “Supramolecules and Nanomaterials” held at St. Philomena’s college, Mysore, during 22nd and 23rd August 2014. 6. Received 2nd Prize for Poster Presentation in UGC sponsored National Conference on “Recent Trends in Chemical Biology: An Overview (RTCB-2013)”, Organized by Department of Chemistry & Biotechnology, Teresian college, Mysore in Association with KSOU on October 25th and 26th 2013. 7. “INSPIRE Fellowship Award” (Senior Research Fellow) A prestigious award given by Department of Science and Technology, Govt. of India, New Delhi. 2013. 8. Received 2nd Prize for Poster Presentation in National level seminar on “Relevance of chemistry in Chemical biology” held at St. Philomena’s college, Mysore, during 21st and 22nd March 2011. 9. “INSPIRE Fellowship Award” (Junior Research Fellow) A prestigious award given by Department of Science and Technology, Govt. of India, New Delhi. 2011. 10. “UGC Major Research Project Fellow Award”, New Delhi. 2011.


		11. <i>"FIRST RANK"</i> with <i>"Distinction"</i> in M.Sc., Chemistry, Yuvaraja's college, University of Mysore, Mysore. 2010.
	Grants fetched	<ol style="list-style-type: none"> 1. Received 5, 00,000=00 from UGC Minor Research Project Grants in 2016. (No.2167-MRP/15-16/KAMY006/UGC-SWRO, Dated 25.04.2016) 2. Research topic entitled "Recent Advances in Energy Harvesting and Sustainable Developments", sponsored by AICTE Training and Learning (ATAL) for conducting Faculty Development Programme (FDP), Grant amount Rs.3.5 Lakhs, Role: Coordinator.
	Interaction with Professional Institutions	<ol style="list-style-type: none"> 1. Molecular Biomedicine Laboratory, Postgraduate Department of Studies and Research in Biotechnology, Sahyadri Science College (Autonomous), Kuvempu University, Shimoga-577203. 2. Materials Research Laboratory, Department of Chemistry, Siddaganga Institute of Technology, Tumakuru-572103, Karnataka, India 3. Yuvaraja's College, University of Mysore, Mysore. 4. Maharani's Science College, Mysore. 5. SBRR Mahajana Post graduate center, Mysore. 6. JSS college of Arts, Commerce and Science, Mysore.

Name of Teaching Staff*	Dr. SANGAMESHA. M. A			
Designation	ASSISTANT PROFESSOR			
Department	CHEMISTRY			
Date of Joining the Institution	30 th JULY 2014			
Qualification with Class / Grade	UG – B.ScCZBt(First class)	PG- M.Sc CHEMISTRY (First class)		Ph.D
Total Experience in Years	Teaching-6	Industry-02		Research-09
Papers Published	National	02	International	55
Papers Presented in Conferences	National	03	International	15
PhD Guide? Give field and University	Field	Material Science	University	VTU
PhDs / Projects Guided	PhDs	02	Projects at Master Level	-
Books Published / IPRs / Patents	<ol style="list-style-type: none"> 1. A device to tap black carbon and other particulate matter from diesel engine vehicles 372428 2. Patent published on “Self-Powered Triboelectric Chemical Sensor Fabricated from Renewable Agro - Waste Materials” - Application Number: 202441098917, Journal Number: 51/2024, Journal Date: 20-12-2024 			
Professional Memberships	Indian Nuclear Society			
Consultancy Activities	-			
Awards	<p>Received best paper award (poster presentation) in International Conference On 'Advances in Materials, Ceramics & Engineering Sciences' (AMCES- 2020) Dayananda Sagar College of Engineering, Bengaluru, India.</p> <p>Best paper award for the paper “Effect of Humidity on the Performance of Polyvinyl Chloride Based Triboelectric Nanogenerator”. International Conference on Recent Advances in Engineering Materials (ICRAEM 2022) held at Alva’s Institute of Engineering & Technology, Moodbidri, Karnataka, India during 03 - 05, March 2022.</p>			
Grants fetched	1. Research topic entitled “ Recent Developments in Energy Harvesting and Sustainable Developments ”, sponsored by AICTE Training and Learning (ATAL) for conducting Faculty			

		<p>Development Programme (FDP), Grant amount Rs.3 Lakhs, Role: Co-PI.</p> <p>2. Research topic entitled e-waste to energy: ‘Low- cost and environment friendly nanogenerators from e-waste for energy harvesting’, sponsored by Vision Group on Science and Technology, Grant for Research Excellence, Government of Karnataka, India, (GRE/GRDNo.1122/2022-23/643 dated 5th Feb 2024) Grant amount Rs.40 Lakhs, Role: Co-PI</p> <p>3. Research topic entitled “Biodegradable plastic mulch films from agriculture waste for sustainable”, sponsored by Vision Group on Science and Technology, Research Grant for Scientists/Faculty-(RGS/F)-2021, Government of Karnataka, India Grant amount 3.0Lakhs (Ref: RGS-F/GRD No.968/40/2020-21/917 dated Nov 18,2021), Role: PI</p> <p>4. Research topic entitled “Synthesis of novel N₂, O₂schiff base zinc (ii) complexes and their effect on germination, seedling growth of plants”, sponsored by Karnataka State Council for Science and Technology (KSCST), Government of Karnataka, India under "Student Project Programme- 45th Series", Role: Co-PI</p> <p>5. Research topic entitled “Biodegradable mulching sheet for sustainable agriculture” sponsored by Karnataka State Council for Science and Technology (KSCST), Government of Karnataka, India, under "Student Project Programme- 44th Series". (Co-PI)</p> <p>6. Research topic entitled “Economic and energetic device to trap black carbon from diesel engine exhaust”- sponsored by Karnataka Biotechnology and Information Technology Services (<i>KBITS</i>) Department of IT, BT, Govt. of Karnataka- 2019. Grant Amount Rs2.8Lakhs, Role: Co-PI.</p>
	Interaction with Professional Institutions	


Faculty Profile			
Name	Mrs. Vidyashree R		Photo 
Date of Birth	07/04/1992		
Unique ID			
Education Qualifications	M. Sc		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 7.5 years	Research : 01 years	Industry : --- NIL	
Others :	Area of Specialization : Organic chemistry	Courses Taught at UG/PG Level : UG: Engineering Chemistry	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 00 			
No of papers Published in	National: ---	International Journals : - 00	Conferences : - --
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	-		
Research Publications :	Nil		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		


Faculty Profile		
Name	Dr. Pavithra G	
Date of Birth	31/07/1987	
Unique ID	NIE1055	
Education Qualifications	M. Sc., Ph. D (Chemistry)	
		
Teaching : 6 years	Research : 14years	Industry : --- NIL
Others : ---	Area of Specialization : General Chemistry	Courses Taught at UG/PG Level : UG: Organic, inorganic and physical chemistry (Theory and practical) PG: Organic chemistry theory, inorganic and physical chemistry (Theory and practical)
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- NIL 		
No of papers Published in	National: --- 21	International Journals : Conferences : 6
M. Sc (Completed / Ongoing) :	Completed	
Ph.D (Completed / Ongoing) :	Completed	
Projects Carried Out :	UGC- Sponsored one Minor Research Project completed.	
Patents (Filed & Granted)	NIL	
Technology Transfer :	NIL	
Research Publications :	21	
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL	


Faculty Profile			
Name	Dr.Nanjundaswamy.G.S		
Date of Birth	18/07/1991		
Unique ID	NIE1057		
Education Qualifications	M.Sc.,B.Ed.,Ph.D		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 7 years 6 months	Research : 10 years	Industry : ---	
Others : Serving as a reviewer for (1) Journal of Applied Polymer Science, (2) Russian Journal of General Chemistry and (3) Aging Medicine Journal	Area of Specialization : General chemistry	Courses Taught at UG/PG Level : Engineering Chemistry, Organic and Inorganic chemistry	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals : 14	Conferences : 14
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	-----		
Patents (Filed & Granted)	-----		
Technology Transfer :	----		
Research Publications :	14		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-----		

MATHEMATICS


Faculty Profile			
Name	Dr. Roopa S V		
Date of Birth	12-03-1974		
Unique ID	NIE102		
Education Qualifications	MSc ,PhD		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 28 years	Research :10 years	Industry : ---	
Others : ---	Area of Specialization : Graph Theory	Courses Taught at UG/PG Level : Engineering Mathematics for I to IV semesters, Maths for M.Tech and MCA courses.	
<ul style="list-style-type: none"> Research Guidance (Number of Students) ---02 			
No of papers Published in	National: 1	International Journals : 6	Conferences : 1
M. Sc (Completed / Ongoing) :	July 1996		
Ph.D (Completed / Ongoing) :	January 2020		
Projects Carried Out :	-----		
Patents (Filed & Granted)	-----		
Technology Transfer :	-----		
Research Publications :	8		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-----		

Faculty Profile			
Name	Dr. ShubhaNagaraj		Photo
Date of Birth	06-02-1979		
Unique ID	NIE702		
Education Qualifications	Ph.D		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 16	Research :10	Industry : ---	
Others : ---	Area of Specialization : Fluid Mechanics	Courses Taught at UG/PG Level : All UG & PG courses	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- Nil 			
No of papers Published in	National: ---	International Journals : 05	Conferences : 05
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	10		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			


Faculty Profile			
Name	Shivarajkumar		
Date of Birth	20/08/1982		
Unique ID	1_7376347907		
Education Qualifications	MSc, PhD		
<ul style="list-style-type: none"> Work Experience 			
Teaching :9 years	Research :8 years	Industry :NIL	
Others : ---	Area of Specialization: Combinatorics, Number Theory	Courses Taught at UG/PG Level :Calculus, Linear Algebra, Probability and Statistics, Number Theory and Cryptography	
<ul style="list-style-type: none"> Research Guidance (Number of Students) O3 			
No of papers Published in	National: NIL	International Journals:7	Conferences :NIL
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	Ongoing: Funding Agency: NBHM Research Grant Title: Combinatorial bounds related to the number of arithmetic progressions of quadratic residues and nonresidues modulo prime p Duration: 3 years Amount Sanctioned: 17 Lakhs		
Patents (Filed & Granted)	NIL		
Technology Transfer :	-----		
Research Publications :	7		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile			
Name	Ms. Krupa N		Photo 
Date of Birth	25-06-1987		
Unique ID	NIE546		
Education Qualifications	M.Sc		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 12	Research :Pursuing	Industry : Nil	
Others : ---	Area of Specialization : Fluid Mechanics	Courses Taught at UG/PG Level : All UG & PG courses	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- Nil 			
No of papers Published in	National: Nil	International Journals : Nil	Conferences : Nil
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

Faculty Profile

Name	Darshan N S		
Date of Birth	24/02/1993		
Unique ID	1-3569988200		
Education Qualifications	M,ScMathematics		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 7 years	Research :1 year	Industry : --- NIL	
Others : --- NIL	Area of Specialization : Graph theory	Courses Taught at UG/PG Level : UG AND PG BOTH	
<ul style="list-style-type: none"> Research Guidance (Number of Students) NIL 			
No of papers Published in	National: NIL	International Journals : NIL	Conferences : NIL
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	VEERANAYAKA T N		
Date of Birth	03/04/1984		
Unique ID	1_8288351623		
Education Qualifications	MSc,M.Phil, B.Ed, PhD		
<ul style="list-style-type: none"> Work Experience 			
Teaching :9 years	Research :6years	Industry :NIL	
Others : ---	Area of Specialization: Number Theory	Courses Taught at UG/PG Level :Calculus, Linear Algebra, Probability and Statistics, Number Theory and Cryptography	
<ul style="list-style-type: none"> Research Guidance (Number of Students) NIL 			
No of papers Published in	National: NIL	International Journals:6	Conferences :NIL
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	-----		
Research Publications :	6		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	TEJAS N S		
Date of Birth	10-OCT-1991		
Unique ID	1-43366198934		
Education Qualifications	M.Sc., PGDMCA		
<ul style="list-style-type: none"> Work Experience 			
Teaching : 8 Years	Research : 2 Years	Industry : ---	
Others : ---	Area of Specialization : Complex Function Theory	Courses Taught at UG/PG Level : Calculus, Linear Algebra, Discrete Mathematics, Statistics and Probability	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No of papers Published in	National: ---	International Journals : 1	Conferences : ---
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	---		
Patents (Filed & Granted)	Filed “Advanced q-Calculus Techniques in Faber Polynomial Analysis for Bi-Close-to-convex Structures”		
Technology Transfer :	---		
Research Publications :	1		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	---		

Faculty Profile


Name	BHUVAN E NALIGE		
Date of Birth	07/01/1989		
Unique ID	NIE 803/NIENG000632		
Education Qualifications	Ph.D.		
• Work Experience			
Teaching :06	Research :03	Industry :01	
Others :	Area of Specialization : Number Theory	Courses Taught at UG/PG Level :Engineering Mathematics for UG and PG.	
• Research Guidance (Number of Students)			
No of papers Published in	National: 01	International Journals :12	Conferences : Nil
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	1		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	13		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

MASTER OF COMPUTER APPLICATIONS

Faculty Profile			
Name	N.ASHA		
Date of Birth	12/02/1976		
Unique ID	1-3566570462		
Education Qualifications	BE(CSE), MTech(CNE), Ph.D.		
<ul style="list-style-type: none"> Work Experience 			
Teaching:28	Research:Nil	Industry:---Nil	
Others:---	Area of Specialization: CS &E	Courses Taught at UG/PG Level: <ul style="list-style-type: none"> System Programming, UNIX system programming, Computer Organization, Introduction to UNIX/LINUX Shell scripting Discrete Mathematical Structures, Logic Design, Digital Electronics, C#&.NET, Topics in Enterprise Architecture I & II Computer Networks, C Programming, Programming & Problem-Solving using C Object Oriented Programming with JAVA, Java /J2EE System Simulation and Modelling, Operation Research, Introduction to Cobol/Fortran/C++etc Artificial Intelligence etc 	
<ul style="list-style-type: none"> Research Guidance(Number of Students)---0 			
No.of papers Published in	National:---0	International Journals:13	Conferences:4
M.Sc(Completed/Ongoing):	Not Applicable		
Ph.D(Completed/Ongoing):	Completed		
Projects Carried Out:	Nil		
Patents(Filed&Granted)	None		
Technology Transfer:	Delivered lectures for students of JSSPPH, Mysore		
Research Publications:	4		
No.of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, etc)	Title of the Chapter/Book	Name of the Publisher	Year of Publication
	VisualC++,	KSOU	2004

Faculty Profile			
Name	Dr. SANJAYKUMAR C K		
Date of Birth	27 TH February1972		
Unique ID	1-453840035		
Education Qualifications	BE in Computer Science & Engineering, M.Tech in Computer Networks Engineering, PhD(VTU, Belagaum)		
<ul style="list-style-type: none"> Work Experience 			
Teaching:20	Research :8	Industry: 8	
Others:	Area of Specialization: Image Processing, Machine Learning, Data Mining	Courses Taught at UG/PG Level : System Programming, Analysis and Design of Algorithms, Software Engineering, Digital Image Processing, Unix & C Programming, Management Information Systems, ObjectOrientedModelingandDesign Patterns, Operating Systems, Introduction to Machine Learning, Data Mining and BusinessIntelligence	
<ul style="list-style-type: none"> Research Guidance (Number of Students) NIL 			
No.of papers Published in	National:00	International Journals:07	Conferences: 02
M. Sc(Completed/Ongoing):	NIL		
Ph.D(Completed/Ongoing):	NIL		
ProjectsCarriedOut:	NIL		
Patents(Filed &Granted)	NIL		
Technology Transfer:	NIL		
Research Publications:	Title	Journal/Conference	Year
	Analysis and Categorization of Brain MRI Images using Kernel Support Vector Machines	IJRIT International Journal of Research in Information Technology, Volume3, Issue5, Pg.285-291	May 2015
	A Survey on MedicalImage Segmentation	2 nd International Conferenceon Science,Technology & Management	October 2017

		(ICSTM), IETE, Hyderabad.	
	ASurveyonMedical Image Segmentation	International Journal of Innovations&Advancement in Computer Science (IJIACS)ISSN2347-8616, Volume6,Issue10.	October 2017
	Brain Tumor Classification with RBF kernel SVM	International Journal of Computer & MathematicalSciencesIJCMSISSN 2347 – 8527 Volume7,Issue3	March 2018
	Classificationof tumors in brain MRI images with hybrid of globalandlocal DWT features using decision tree	International Journal of Innovative Technology and Exploring Engineering (IJITEE)(Scopus Indexed) ISSN:2277-3878,Volume-8 Issue-12	September 2019
	Categorization of Brain Tumors using SVM With HybridizedLocal- Global Features	4 th International Conference on CommunicationsandElectronics Systems (ICCES), PPGIT, Coimbatore. PaperpublishedinIEEEExplore. Part Number:CFP20K25-ART; ISBN:978-1-7281-4889-2	March 2020
	Flight delay arrivalprediction	International Advanced Research Journal in Science, Engineering and Technology(IARJSET), Volumr10, Issue 8, DOI: 10.17148/IARJSET.2023.10850	August 2023
	Liver Cancer Segmentationand Classification	International Journal of Innovative ResearchinScience,Engineeringand Technology (IJIRSET), Volume 12, Issue 9	September 2023
	Temperatureand Humidity prediction using IoT and ML	International Journal of Innovative ResearchinScience,Engineeringand Technology (IJIRSET), Volume 12, Issue 9	September 2023
No. of Books published with details : (Name of Book, PublisherwithISBN,Yearof publication, Etc)	NIL		

Faculty Profile			
Name	Dr. AnanthGS		
Date of Birth	August 14 th , 1984		
Unique ID			
Education Qualifications	B.Sc., MCA, Ph.D in Computer Applications		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 15+ years	Research: 8+ years	Industry: 3 years	
Others: -NA-	Area of Specialization: Computer Applications, Data Mining, Big Data and RecSys	Courses Taught at PG Level: Big Data Analytics, Unix Systems Programming, Machine Learning, Introduction to Unix Programming and many more courses.	
<ul style="list-style-type: none"> Research Guidance (Number of Students) - Not Applicable. Yet together research supervisor. 			
No of papers Published in	National: 02	International Journals: 02	Conferences: 6
M.Sc (Completed/Ongoing):	Not Applicable		
Ph.D (Completed/Ongoing):	Completed		
Projects Carried Out:	No funded projects		
Patents (Filed & Granted)	Nil		
Technology Transfer:	Many		
Research Publications:	Googlescholarlink: https://scholar.google.com/citations?user=0MR6MQUAAAAJ&hl=en		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Book chapters: 02 No books.		

Faculty Profile

Name	KR Sumana
Date of Birth	08/08/2007
Unique ID	NIE213
Education Qualifications	B.E.(CSE),M.Tech.(S.E.),(Ph.D.) (CS)
Email id :	ksumana@nie.ac.in
About me:	<p>With over 22 years of dedicated experience in education, I am a passionate advocate for teaching programming languages, cutting-edge technologies, and essential principles in computer science and engineering. My commitment to excellence was recognized in 2008 when I earned an ISO 9001 certification in "High Impact Teaching Skills" from Dale Carnegie Training. In 2009, I was honored with the "Mission 10X Certificate in Teaching and Learning" by Wipro, further validating my teaching methodologies. Currently, I am leading a research project focused on "A Drowsiness Detection Model Using Biomedical Signals," showcasing my commitment to advancing knowledge in the field. I have actively reviewed numerous international conferences organized by IFERP and participated in a wide range of conferences, seminars, training sessions, and workshops across the country. In addition to my teaching and research endeavours, I play a pivotal role in organizing various Faculty Development Programs (FDPs), Staff Development Programs (SDPs), seminars, and technical symposiums aimed at enriching the educational experience for both staff and students. As a lifelong member of the Global Initiative of Academic Networks (GIAN) under the Government of India's Department of Science and Technology and the Ministry of Human Resource Development, I am dedicated to fostering academic collaboration. Recently, I was proud to receive the "Faculty of the Year -2024" award from my department, a testament to my unwavering dedication to educational excellence.</p>



• **Work Experience**

Teaching: 18 years @ NIE, Mysuru	Research: 9 years	Industry: 0
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Others:4years@VVCE, Mysuru	AreaofSpecialization:ComputerScience		Courses Taught at UG/PG Level: Internet-of-Things,Principles of Programming Languages, Professional Communication and Ethics, ProgrammingConceptswithC,ObjectOriented Programming with C++, File Structures, Topics in Enterprise Architecture – 1 (JAVA & J2EE), Data Structures and Algorithms using C, Operating Systems, Web-Commerce, Database Management System, Data Communications, Computer Graphics & Visualization, Analysis & Design of Algorithms, Computer Networks, Software Engineering, Information Security, Wireless & Mobile Networks, Wireless Sensor Networks,ArtificialIntelligence,Protocol Engineering
<ul style="list-style-type: none"> • ResearchGuidance(NumberofStudents) 			
No.ofpapersPublished in	National:0	InternationalJournals: 51	Conferences:3
	<p>I.Journal papers:</p> <ol style="list-style-type: none"> 1. Akash Naik , K R Sumana, Haptic Feedback & Its Broader Scope, International Journal of Modern Trends in Engineering and Research (IJMTER),Volume 2, Issue2, February 2015,ISSBN 2349-9745, Impact Factor : 1.711 2. Mariya,KRSumana,TheStudyofMethodologiesforIdentifyingtheDrowsinessinSmart Traffic System: A Survey, International Journal for Scientific Research & Development(IJSRD), Volume 3, Issue2, April 2015, ISSN 2321-0613, Impact Factor : 1.711 3. Mariya,KRSumana,DecentralizedAccessControlofCloudData,InternationalJournalfor Scientific Research & Development(IJSRD) ,Volume 3, Issue2, April 2015,ISSBN 2321-0613, Impact Factor : 1.711 4. Sonali Joyce Lobo, Sumana K R, Issues and Attacks – A Security Threat to WSN: An Analogy,InternationalJournalofEmergingEngineeringResearchandTechnology(IJEERT), Volume 4, Issue 1, January 2016, ISSN 2349-4395 5. P Archana, K R Sumana, Situation Based Notifier IOT System for Soil Moisturization, InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume:05Issue: 05, May-2018, Impact Factor value: 6.171, Page 2204-2206 6. Dharshitha R, KRSumana, Ranking and Review Based Classifier for ConsumerProducts, InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume:05Issue: 05, May-2018, Impact Factor value: 6.171, Page 3889-3891 7. Pallavi S N, Sumana K R, Accident Zone Detailed System Using Data Mining Technique, InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume:05Issue: 05, May-2018, Impact Factor value: 6.171, Page 3596-3598 8. Raksha.B,K.R.Sumana,RetinalDisorderDetectionandIdentificationofDiseaseUsing Diabetic Retinopathy, International Research Journal of Engineering and Technology (IRJET), Volume: 05 Issue: 05, May-2018, Impact Factor value: 6.171, Page 2199-2203 9. AbhishekM.S, K.RSumana,IoT BasedAnti-theftVehicleTracking andRegainingSystem, IJSRD - International Journal for Scientific Research & Development Vol. 7, Issue 04, 2019, 1116-1118 		

10. Deekshitha H R, K R Sumana, Dr H D Phaneendra, Smart Automated Modelling using Eclat Algorithm for Traffic Accident Prediction, International Research Journal of Engineering and Technology(IRJET),Volume:06Issue:05,May2019,ImpactFactorvalue:7.211,Page6682-6685
11. KoushikH.D,K.R.Sumana,SunilKumarN,BloodCrossPortal:BloodDeferralDonorusing Machine Learning, International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 05May 2019, Impact Factor value: 7.211, Page 6984-6986
12. Namratha Thange M, K R Sumana, Classification of Assembly (W-Section) using Artificial Intelligence,InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume: 06 Issue: 05May 2019, Impact Factor value: 7.211, Page 4823-Page 4828
13. Nischay. J. Bethur, K. R. Sumana, IoT Based Gas Leakage Detection, IJSRD - International Journal for Scientific Research & Development | Vol. 7, Issue 04, 2019, Page 947-949
14. ChethanK.G,K.RSumana,RajeshVenkatesan,FICOAuthenticationSuiteandFICOIdentity Proofing,InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume:07 Issue: 06, June 2020,Impact Factor value: 7.529, Page 6162-6166
15. Keerthivasan K, K R Sumana, IoT Based Security System for Supporting Parentalship, InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume:07Issue:06, June 2020,Impact Factor value: 7.529, Page 3676-3678
16. Sangeetha S M, K R Sumana, Dr H D Phaneendra, Predicting HRV Accuracy to Measure Drowsy Status for Smart Traffic, International Research Journal of Engineering and Technology(IRJET),Volume:07Issue:06,June2020,ImpactFactorvalue:7.529,Page4633-4635
17. SnehaGN,KRSumana,DrHDPthaneendra,CorrelatingECGtoRateQualityofFatigueness in Drowsy Driving, International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 06, June 2020,Impact Factor value: 7.529, Page 4064-4066
18. K R Sumana, Dr. H D Phaneendra, K S Kalpashree, Machine Learning and Deep Learning Techniques to Prognosticate Heart Attack in Due of Abnormal Sleep Style, International ResearchJournalofEngineeringandTechnology(IRJET),Volume:08Issue:08,August2021, Impact Factor value: 7.529, Page 963-965
19. SubhashP,KRSumana,ComparativeAnalysisofCreditCardFraudDetectionUsingMachine Learning and Deep Learning Techniques, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 08, August 2021, Impact Factor value: 7.529,, Page 1149-1152
20. ShrihariKKulkarni,KRSumana,DetectionofParkinson’sDiseaseUsingMachineLearning andDeepLearningAlgorithms,InternationalResearchJournalofEngineeringandTechnology (IRJET), Volume: 08 Issue: 08, August 2021, Impact Factor value: 7.529, Page 1189-1192
21. NaveenNMugad,KRSumana,EarlyPredictionofCervicalCancerUsingMachineLearning Algorithms,InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume: 08 Issue: 08, August 2021, Impact Factor value: 7.529, Page 1209-1212
22. Amrutha S M, K R Sumana, Autism Spectrum Disorder Detection Using Machine Learning Techniques,InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume: 08 Issue: 08, August 2021, Impact Factor value: 7.529, Page 1252-1254
23. Monica M, K R Sumana, Deep Learning Technique to Detect Face Mask in the COVID-19 Pandemic Period, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 08, August 2021, Impact Factor value: 7.529, Page 1342-1345
24. KRSumana,Dr.HDPthaneendra,BhoomikaCD,AMODELTODETECTDROWSINESS USINGMACHINELEARNINGANDDEEPLARNINGTECHNIQUESFORBIO-

- MEDICAL SIGNALS, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 08, August 2021, Impact Factor value: 7.529, Page 1517-1520
25. Bhoomika M P, K R Sumana, MACHINE LEARNING TECHNIQUES TO IMPROVE BREASTCANCEREARLYDETECTIONONSCREENINGMAMMOGRAPHY, InternationalResearchJournalofEngineeringandTechnology(IRJET),Volume:08Issue:08, August 2021, Impact Factor value: 7.529, Page 1594-1596
 26. Akshatha V, K R Sumana, Analysis of Wildfire Detection using CNN Model, International JournalforResearchinAppliedScience&EngineeringTechnology(IJRASET),ISSN:2321- 9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 10 Issue VIII Aug 2022, SJ Impact Factor 7.538, ISRAJournalImpact Factor 7.894, <https://doi.org/10.22214/ijraset.2022.46157>, Page 241-245
 27. Apoorva Hegde, K R Sumana, Comparative Study of Diabetic Retinopathy Detection Using Machine Learning Techniques, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 10 Issue VIII Aug 2022, SJ Impact Factor 7.538, ISRA Journal Impact Factor 7.894, <https://doi.org/10.22214/ijraset.2022.46157>, Page 113-117
 28. ChaithraB,KRSumana,Dr.H.D.Phaneendra,CorrelationofECGValuetotheBehaviorof Heart Attack Sufferers, International Journal for Research in Applied Science & Engineering Technology(IJRASET),ISSN:2321-9653;ICValue:45.98;SJImpactFactor:7.538,Volume 10 Issue VIII Aug 2022, SJ Impact Factor 7.538, ISRA Journal Impact Factor 7.894, <https://doi.org/10.22214/ijraset.2022.46157>, Page 3980-3983
 29. Manoj A, K R Sumana, Dr. H. D. Phaneendra, Early-Stage Hepatic Tumor Detection SegmentationandPredictionUsingDeepLearningModels,InternationalJournalforResearch inApplied Science & EngineeringTechnology(IJRASET), ISSN: 2321-9653; ICValue: 45.98; SJ Impact Factor: 7.538, Volume 10 Issue VIII Aug 2022, SJ Impact Factor 7.538, ISRA Journal Impact Factor 7.894, <https://doi.org/10.22214/ijraset.2022.46157>, Page 4822-4826
 30. Ramanath Ganapati Naik, K R Sumana, COMPARATIVE STUDY ON EARLY PREDICTION OFDIABETESMELLITUSUSING MACHINELARNINGTECHNIQUES, International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal) Volume:04/Issue:08/August-2022 Impact Factor- 6.752, Page 4155-4159
 31. Stephen Danny Leo Xavier, K R Sumana, Dr. H. D. Phaneendra, Vehicular Safety Model: A Phase-Wise Vehicular Catastrophe Prevention Model, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 10 Issue VIII Aug 2022, SJ Impact Factor 7.538, ISRA Journal Impact Factor 7.894, <https://doi.org/10.22214/ijraset.2022.46157>, Page 3353-3358
 32. HarshaMS,KRSumana,COMPARATIVEANALYSISOFMANGIFERAINDICA LEAFLET ILLNESS USING DEEP LEARNING MODELS, International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, FullyRefereedInternationalJournal)Volume:04/Issue:08/August-2022ImpactFactor-6.752, Page 105-110
 33. MohithGM,KRSumana,PROJECTIONOFCAPITULATEVALUESBYMACHINE LEARNING FOR COFFEE, International Research Journal of Modernization in Engineering TechnologyandScience(Peer-Reviewed,OpenAccess,FullyRefereedInternational Journal)Volume:04/Issue:08/August-2022ImpactFactor-6.752,Page58-62
 34. Vijay BN, K R Sumana, International Research Journal of Modernization in Engineering TechnologyandScience(Peer-Reviewed,OpenAccess,FullyRefereedInternationalJournal) Volume:04/Issue:08/August-2022 Impact Factor- 6.752, Page 170-173

35. Geethalakshmi M N, K R Sumana, IoT Based Patient Biomedical Signal Tracking System, International Research Journal of Engineering and Technology (IRJET), Volume:09 Issue:07, July 2022, Impact Factor value: 7.529, Page 2790-2794
36. Arun PM, K R Sumana, From Pixel to Predictions Handwritten Digit Recognition using Deep Learning Techniques, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 11 Issue IX Sep 2023- Available at www.ijraset.com, <https://doi.org/10.22214/ijraset.2023.55667>
37. Dhanush R, K R Sumana, AI Based Identity Verification using IRIS as a Biometric Modality, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 11 Issue IX Sep 2023- Available at www.ijraset.com, <https://doi.org/10.22214/ijraset.2023.55711>
38. Pawan S, K R Sumana, StyleSage: Your Personalised Hairstyle Recommender Powered By ML, International Advanced Research Journal in Science, Engineering and Technology, ISO 3297:2007 Certified Impact Factor 8.066 Peer-reviewed / Refereed journal Vol. 10, Issue 8, August 2023, ISSN(O) 2393-8021, ISSN(P) 2394-1588, DOI: 10.17148/IARJSET.2023.10845, <https://iarjset.com/wp-content/uploads/2023/09/IARJSET.2023.10845.pdf>
39. Mohammed Shahid, K R Sumana, Development of a Deep Learning Based Automatic Garbage Classification System, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 11 Issue IX Sep 2023- Available at www.ijraset.com, <https://doi.org/10.22214/ijraset.2023.55685>
40. Somanna B M, K R Sumana, Alpha-Numeric Character Recognition for Blinds Using Deep Learning Techniques, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 11 Issue IX Sep 2023- Available at www.ijraset.com, <https://doi.org/10.22214/ijraset.2023.55673>
41. Srigowri S Nagavalli, K R Sumana, Identification and Prediction of Metastatic Tumor in Breast Using Deep Learning Techniques, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 11 Issue IX Sep 2023- Available at www.ijraset.com, <https://doi.org/10.22214/ijraset.2023.55650>
42. K R Sumana, Dr. Rekha K S, Comparative Effectiveness of Deep Learning Approaches for Drowsiness Detection in a Demographically Diverse Cohort, International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, Elsevier, SCI indexed journal, Quartile "Q3", ISSN: 2147-6799 2147-6799, <https://ijisae.org/index.php/IJISAE/article/view/5977>
43. P Bharath, K R Sumana, Geospatial Poverty Forecasting with Satellite Data, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN: 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7, July-2024 | Date of Publication: 2024-07-31.
44. Chandan S P, K R Sumana, Lahari S K, Optimized OCR Data Extraction Using Custom-Trained NLP-NER Models for Enhanced Image Analysis, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN: 2349-5162)

UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7 , July-2024 | Date of Publication: 2024-07-31.

45. Gayatri Baragi, K R Sumana, OPTIMIZING ROAD SAFETY: ADVANCED SOLUTIONS FOR DETECTING AND MITIGATING DRIVER DROWSINESS, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN : 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7 , July-2024 | Date of Publication: 2024-07-31.

46. Jeevan N V, K R Sumana, Enhancing Robustness And Generalization In Vehicle Damage Detection Through Deep Neural Networks, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN : 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7 , July-2024 | Date of Publication: 2024-07-31.

47. Namratha S, K R Sumana, DEEP INSIGHT: UNVEILING DIABETIC RETINOPATHY THROUGH ADVANCED NEURAL NETWORKS, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN : 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7 , July-2024 | Date of Publication: 2024-07-31.

48. Srinidhi S Kashyap, K R Sumana, LAHARI: SK ADVANCED IMAGE PROCESSING FOR ENHANCED READABILITY OF TEXT AND CODES IN BLURRED IMAGES, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN: 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7 , July-2024 | Date of Publication: 2024-07-31.

49. Vinay Kumar L, K R Sumana, Tomato Triage: Tomato Fruit Disease Detection and Pesticide Strategies using Deep Learning, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN: 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7 , July-2024 | Date of Publication: 2024-07-31.

50. Yashaswini R, K R Sumana, Deep Learning Advancements For Alzheimer's Disease Detection, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN : 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7, July-2024 | Date of Publication: 2024-07-31.


51. Shravan M S, K R Sumana, SEEDS OF TOMORROW: UNLEASHING AGRICULTURAL EXCELLENCE THROUGH SMART SENSORS AND NEURAL NETWORK BRILLIANCE, Journal of Emerging Technologies and Innovative Research, UGC Approved Journal, JETIR (www.jetir.org) (ISSN: 2349-5162) UGC Approved (Journal No: 63975) & 7.95 Impact Factor Published in Volume 11 Issue 7, July-2024 | Date of Publication: 2024-07-31.

II. Conference papers:


1. Hybrid formulation of reliable routing mechanism in WSN, National Conference on Emerging trends in VLSI, Embedded Systems, Nanoelectronics and Telecommunication Systems -2015 (NCEVENT-2015), Dayananda Sagar College of Engineering, Bangalore


2.

	<p>3. Hybrid formulation of reliable routing mechanism in WSN, National Conference on Recent Advances in Computing, Informatics, Communication and Applications - 2015 (NCRACICA- 2015, GSSSIT for Women, Mysuru)</p> <p>4. Review Of Flood Attacks In Disruption Tolerant Networks, National Conference on Recent Advances in Technology and Engineering (NCRATE-2014) ,T.John Institute of Technology, Bangalore</p>
M.Tech(Completed/ Ongoing) :	Completed
Ph.D(Completed/ Ongoing) :	Ongoing
Projects Carried Out:	ADrowsinessDetectionModelUsingBiomedicalSignals
Patents(Published)	NA
Technology Transfer:	NA
Research Publications:	K R Sumana, Dr. Rekha K S, Comparative Effectiveness of Deep Learning Approaches for Drowsiness Detection in a Demographically Diverse Cohort, International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, Elsevier, SCI indexed journal, Quartile "Q3", ISSN:2147-67992147-6799, https://ijisae.org/index.php/IJISAE/article/view/5977
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA


Faculty Profile			
Name	Navya B J		
Date of Birth	03/04/1992		
Unique ID	NIE1008		
Education Qualifications	MCA		
<ul style="list-style-type: none"> Work Experience 			
Teaching:8+	Research:2year	Industry:---	
Others:---	Area of Specialization : Image Processing, Machine Learning, Computer Graphics, Data Structure, Algorithms,	Courses Taught at UG/PG Level:PG	
<ul style="list-style-type: none"> Research Guidance(Number of Students)--- 			
No.of papers Published in	National:---	International Journals:	Conferences: 4(ICPR,ICFHR)
M.Sc(Completed/Ongoing):	-		
Ph.D(Completed/Ongoing):	-		
ProjectsCarriedOut:	-		
Patents(Filed&Granted)	-		
TechnologyTransfer:	-		
ResearchPublications:	4inICPRandICFHR		
No.ofBookspublishedwithdetails: (NameofBook,PublisherwithISBN, Year of publication, Etc)	-		


Faculty Profile


Name	Meena L		
Date of Birth	26/06/1982		
Unique ID	NIE1026		
Education Qualifications	MS, Mphil(Phd)		
Photo			
<ul style="list-style-type: none"> Work Experience 			
Teaching:15	Research:4	Industry:6months	
Others:---	Area of Specialization : Image Processing and Pattern Recognition	Courses Taught at UG/PG Level: Data Structures, ADA, Machine learning, Deep Learning, Image processing	
<ul style="list-style-type: none"> Research Guidance(Number of Students)--- 			
No.of papers Published in	National:---	International Journals:	Conferences:02
M.Sc(Completed/Ongoing):			
Ph.D(Completed/Ongoing):			
Projects Carried Out:			
Patents(Filed&Granted)			
Technology Transfer:			
Research Publications:	2		
No.of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)			

FacultyProfile			
Name	Bhavya Shree H M		
Date of Birth	19/09/1999		
Unique ID	NIE1027		
Education Qualifications	Master of Computer Application		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 1.8	Research:	Industry:---	
Others:---	Area of Specialization:	Courses Taught at UG/PG Level :C , DESIGN AND ANALYSIS OF ALGORITHM, AI&ML, OPERATING SYSTEM, CYBER SECURITY, COMPUTER ORGANIZATION, PROFESSIONAL COMMUNICATION ,	
<ul style="list-style-type: none"> Research Guidance(Number of Students)--- 			
No.of papers Published in	National:---	International Journals:	Conferences:
M.Sc(Completed/Ongoing):	MCA(COMPLETED)		
Ph.D(Completed/Ongoing):	NA		
Projects Carried Out:	ONLINEDESEASEPREDICTION,BESPOKEMANAGEMENTSYSTEM		
Patents(Filed&Granted)	NA		
Technology Transfer:	NA		
Research Publications:	NA		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA		

Faculty Profile

Name	Sujayeendra Rao			
Date of Birth	25-03-2001			
Unique ID				
Education Qualifications	BCA, MCA			
<ul style="list-style-type: none"> Work Experience 				
Teaching: 6Months	Research: NA	Industry: 6Months		
Others: NA	Area of Specialization: fullstack development	Courses Taught at UG/PG Level: webtechnologies		
<ul style="list-style-type: none"> Research Guidance(NumberofStudents)-NA 				
No.of papers Published in	National:NA	International Journals:NA	Conferences: NA	
M.Sc(Completed/Ongoing):	NA			
Ph.D(Completed/Ongoing) :	NA			
Projects Carried Out:	NA			
Patents(Filed&Granted)	NA			
Technology Transfer:	NA			
Research Publications:	NA			
No.of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA			

Faculty Profile			
Name	Poojashree S		
Date of Birth	21/02/1998		
Unique ID	NIE1048		
Education Qualifications	Master of Computer Application		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 1.6	Research:	Industry: Internship in Data Science, Java Web App Development.	
Others:---	Area of Specialization:	Courses Taught at UG/PG Level: C Programming, Data Structures and Algorithms, Object Oriented Programming with JAVA and User Interface Design(UID).	
<ul style="list-style-type: none"> Research Guidance(Number of Students)--- 			
No. of papers Published in	National:---	International Journals:	Conferences:
M.Sc(Completed/Ongoing):	MCA(COMPLETED)		
Ph.D(Completed/Ongoing):	NA		
Projects Carried Out:	SECURED DATA TRANSMISSION and A VISION BASED SOCIAL DISTANCE MECHANISM DURING COVID USING DEEP LEARNING		
Patents(Filed&Granted)	NA		
Technology Transfer:	NA		
Research Publications:	NA		
No.of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA		

Faculty Profile			
Name	NIDHI HEBBAR		
Date of Birth	04/06/2000		
Unique ID	NIE1049		
Education Qualifications	Master of Computer Application		
<ul style="list-style-type: none"> Work Experience 			
Teaching: 6 months	Research:	Industry: ---	
Others: ---	Area of Specialization:	Courses Taught at UG/PG Level: CYBERSECURITY, DBMS	
<ul style="list-style-type: none"> Research Guidance (Number of Students) --- 			
No. of papers published in	National: ---	International Journals:	Conferences:
M.Sc (Completed/Ongoing):	MCA (COMPLETED)		
Ph.D (Completed/Ongoing):	NA		
Projects Carried Out:	Vehicle Insurance Fraud Detection using Machine Learning		
Patents (Filed & Granted)	NA		
Technology Transfer:	NA		
Research Publications:	NA		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA		

Faculty Profile

Name	Karthik Bharadwaj V		
Date of Birth	14/07/1999		
Unique ID	NIE1079		
Education Qualifications	MCA,BCA		
<ul style="list-style-type: none"> Work Experience 			
Teaching:2.5months	Research:	Industry:1 year	
Others:---	Area of Specialization: Mobile Application development, Web Applicationdevelopment	Courses Taught at UG/PG Level: Web Technologies, Database Management System, Java, C, IOT, Machine learning.	
<ul style="list-style-type: none"> Research Guidance(NumberofStudents)--- 			
No. of papers Published in	National:---	International Journals:	Conferences:
M.Sc(Completed/Ongoing):			
Ph.D(Completed/Ongoing):			
Projects Carried Out:			
Patents(Filed&Granted)			
Technology Transfer:			
Research Publications:			
No.of Books published with details : (Name of Book, Publisher with ISBN, Year of publication,Etc)			

