


**Faculty Profile-Principal**

Name	<b>Dr. Rohini Nagapadma</b>	
Date of Birth	06/11/1960	
Unique ID	NIE077	
Education Qualifications	B.E, M.Tech, PhD	

**• Work Experience**

Teaching :33years	Research:16years	Industry: NIL
Others :Nil	Area of Specialization: Image Processing	<p>Courses Taught at UG/PG Level:</p> <p>UG Courses</p> <p>Multimedia Communication</p> <p>Digital Signal Processing</p> <p>Digital Image Processing</p> <p>Telecommunication Switching</p> <p>Wireless Communication</p> <p>Mobile Communication</p> <p>Wireless Networks</p> <p>Signals and Systems</p> <p>PG Courses</p> <p>Multimedia Communications</p> <p>Protocol Engineering</p> <p>Research Methodology</p> <p>Microprocessor and Microcontrollers (IAR)</p>


**• Research Guidance(Number of Students):07**

No. of. papers Published in	National:08	International Journals: 10	Conferences:15
M.Sc. (Completed/ Ongoing):	Nil		
Ph.D. (Completed /Ongoing):	02/05		
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)	<p>Book Chapters</p> <ol style="list-style-type: none"> <li>1. “Medical Image Compression Scheme Using Number Theoretic Transform” <i>Computer Vision and Machine Intelligence in Medical Image Analysis, Springer, Singapore, Pages 43-53.</i></li> </ol>

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

• **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	Dr. K.C.Manjunath	
Date of Birth	06-09-1963	
Unique ID	NIE009	
Education Qualifications	Ph.D (Highway Engg.)	

• **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"> <li>▪ Transportation Engineering</li> <li>▪ Elements of Civil Engineering</li> <li>▪ Environmental Engineering</li> </ul> PG: <ul style="list-style-type: none"> <li>▪ Environmental Management of water resources</li> </ul>

• **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		

Faculty Profile			
Name	YUSUF JAVEED		
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"> <li><b>Work Experience</b></li> </ul>			
Teaching : 31 YEARS	Research :	Industry :	
Others :	Area of Specialization : WATER RESOURCES AND ENVIRONMENTAL ENGINEERING	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>FLUID MECHANICS</li> <li>IRRIGATION ENGINEERING</li> <li>GROUNDWATER ENGINEERING</li> <li>PIPE NETWORK ANALYSIS AND DESIGN</li> </ul>	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students) FOUR</li> </ul>			
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"> <li>CONSULTANT TO BHABHA ATOMIC RESEARCH CENTRE (BARC) IN WATER RESOURCES.</li> <li>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)</li> <li>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)</li> </ul>		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	<ol style="list-style-type: none"> <li>Sajid.S.A., Javeed, Y., Nagaraju, D. (2003). Conservation, Artificial Recharge of Groundwater to overcome Groundwater Depletion- Case Study around Chamarajnaragar Area (Karnataka). Proceedings of ISWRPM-2003, 11-12 October, 2003, BITS,</li> </ol>		

- 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 2126, 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 KarnatakaState 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., AshwiniR.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, VidyaVikas Institute of Engineering & Technology at Mysore, Karnataka on 8<sup>th</sup> and 9<sup>th</sup> 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 MoogiahanaHundi lake ”, National Conference on Advances in Engineering and Technology-2013 (NCAET-2013), Nov.2013, Ekalavya institute of technology. Ummatthur, Chamarajanagar. (NC)
  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)

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)
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
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)
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)
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)

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

NIL


Faculty Profile			
Name	Dr. P.N. CHANDRAMOULI		
Date of Birth	14.07.1986		
Unique ID	NIE011		
Education Qualifications	<ul style="list-style-type: none"> <li>• Ph.D., Hydraulics Engineering, Indian Institute of Technology, Roorkee, India, 2009</li> <li>• M.E., Water Resources &amp; Hydro dynamics, Indian Institute of Science, Bangalore, India, 1995</li> <li>• B.E., Civil Engineering, University of Mysore, 1985</li> </ul>		
<ul style="list-style-type: none"> <li>• <b>Work Experience</b></li> </ul>			
Teaching : 34	Research : 8	Industry : NIL	
Others :	Area of Specialization : <ul style="list-style-type: none"> <li>• Hydraulics Engineering</li> <li>• Water Resources &amp; Hydro dynamics</li> </ul>	Courses Taught at UG/PG Level : <p><b>Undergraduate:</b></p> <ul style="list-style-type: none"> <li>• Engineering Mechanics</li> <li>• Strength of materials</li> <li>• Fluid Mechanics I &amp; II</li> <li>• Engineering Hydrology</li> <li>• Irrigation Engineering</li> </ul> <p><b>Postgraduate:</b></p> <ul style="list-style-type: none"> <li>• Ideal fluid flow</li> <li>• Real fluid flow</li> <li>• Open channel hydraulics</li> <li>• Ground water hydrology</li> <li>• Design of Hydraulic structures</li> <li>• Hydro Power Engineering</li> <li>• Design of Turbo machines</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 1	International Journals : 7	Conferences : 12
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	1 ongoing		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	<b>Journal Publication:</b> <ol style="list-style-type: none"> <li>1. Reshma, H.S, Dr P.N. Chandramouli. (2019): "Geostatistical analysis of groundwater data", International Journal of Engineering and Advanced Technology, 9(1), 2734-2741.</li> </ol>		

2. Roshini, R, Dr P.N.Chandramouli. (2019): "Incorporation of Long term climate changes in Hydrological Modelling", International Journal of Innovative Technology and Exploring Engineering 8(10), 4521-4526.
3. Avinash,G, Dr. P.N.Chandramouli, (2018): "Assessment of Reservoir sedimentation using RS and GIS techniques – A case study of Kabini Reservoir, Karnataka, India" International Research Journal of Engineering and Technology 5(08), 630-635.
4. Yashasvini D.H, Dr. P.N.Chandramouli, Dr.Shivakumar Naiklal,(2018): "Morphometric analysis using Arc GIS techniques a case study of Chamarajanagar District, Karnataka, India", International Journal of Technical Innovation in Modern Engineering & Science, 4(5), 397-404.
5. Yashasvini, D.H, Dr. P.N.Chandramouli & Dr. Shivakumar Naiklal,(2018) "Estimation of surface runoff volume in Chamarajanagara District using SCS-CN Method", International Journal of Scientific Development and Research 3(5),95-99.
6. Yashasvini, D.H, Dr. P.N.Chandramouli & Dr. Shivakumar Naiklal,(2018): "Vulnerability assessment using composite drought index (CDI) for Chamarajanagar District", International Journal of Scientific Development and Research 3(5),100-107.
7. Putty, M.R.Y, Tipperudrappa, N.M. and Dr. P.N.Chandramouli (2014): "Hydrological Feasibility of Gravity Diversion of the West Flowing Nethravathi in Karnataka", Jour. Earth System Science, Ind. Aca. Sc., 123(8), 1781-1792.
8. K.S.Hari Prasad, C.S.P.Ojha M.ASCE, Dr. P.N.Chandramouli, & Chandra A. Madramootoo, (2010): "Estimation of Unsaturated Hydraulic parameters from infiltration and Internal Drainage Experiments", Journal of Irrigation & Drainage Engg at ASCE.

#### **Conference Proceedings:**

1. Gowtham Prasad M.E, Shivaprasad H., Shruthi H.G., Dr. P.N.Chandramouli, Dr. Nagaraj Sitaram and Rajath Rajshekhar,(2017): "Durability Assessment Methodology for concrete structures", Proceeding of International Conference on Current trends in Engg. Science and Technology, Jan 2017.
2. Kavyashree B.A., and Dr.P.N.Chandramouli,(2016): " A Mathematical model of fluid flows in open rectangular and triangular channels", International Conference on Research Challenges in Engineering and Technology, Puttur during August 18 -19, 2016.
3. Pramodkumar & Dr.P.N.Chandramouli,(2016): "A study on effects of varying parameters on open channel flow with circular section", Proceeding of National conference on Contemporary Advancements in Civil Engineering Practices –CACEP 2016 at PSG College of Technology, Coimbatore during May 23, 2016.
4. Madura M.J., & Dr. P.N.Chandramouli, (2016): "Normal –depth calculations in complex channel sections", National conference on "Recent Advances in Civil Engineering and Architecture for Sustainable Development" during Feb 18-19, 2016.
5. Vinod P.N, Dr. P.N.Chandramouli., Manfred Koch,(2015): " Estimation of Nitrate leaching in ground water in an agriculturally used area in the State Karnataka, India, Using existing model and GIS", International Conference on Water Resources and Ocean Engineering , March 2015
6. Gowtham Prasad M.E. & Dr. P.N.Chandramouli,(2014): " Computer code for the solution of essential parameters (critical depth & normal depth) in Trapezoidal channel section", International conference on emerging trends in engineering at


	<p>Nitte during May 15-17,2014.</p> <ol style="list-style-type: none"> <li>7. Vinod P.N &amp; Dr. P.N.Chandramouli,(2014): “Estimation of nitrate leaching in ground water –A case study” , International symposium on integrated water resources management CWRDM, Kozhikode, Kerala, India during Feb 19-21, 2014.</li> <li>8. Dr. P.N.Chandramouli,(2011): “Determination of unsaturated soil parameters from internal drainage experiments using inverse procedure”, International conference on emerging trends in engineering, NMAM Institute of Technology, Nitte-, Karnataka, India during May 4-5, 2011,</li> <li>9. Dr. P.N.Chandramouli, Chethan S, Govind D. Murthy, Kathyayini and Venugopal C.N.,(2011): “A Comparative study of textural and laboratory methods in estimating the hydraulic conductivity” National Conference on Recent Developments in Civil Engineering, Vidya Vikas Institute of Engineering &amp; Technology at Mysore, Karnataka during April 8-9, 2011.</li> <li>10. Dr. P. N.Chandramouli, Sumaraj, MadhushreeA.R., Chandan M.C., Manoj K.G, (2011): “Estimation of retention parameters using pressure plate extractor data” National Conference on Recent Developments in Civil Engineering, Vidya Vikas Institute of Engineering &amp; Technology at Mysore, Karnataka during April 8-9, 2011.</li> <li>11. Dr. P.N.Chandramouli, K.S.Hariprasad, C.S.P.Ojha &amp; Talari Venkata Gopal,(2009): “Determination of unsaturated soil parameters from infiltration experiments using inverse procedure” International Conference “Water Environment, Energy and Society (WEES – 2009) New Delhi during Jan12-16, 2009.</li> <li>12. K.Keshava Murthy, M.N.Sheshaprakash, &amp; Dr. P.N.Chandramouli,(1996): “Self basing linear weir of constant accuracy using the solution of proportional 3 halves power weir with a parabolic base”, All India seminar on Hydraulic Engg at The Institute of Engineering Nagpur Local centre during Jan 27-28, 1996 .</li> </ol>
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<ol style="list-style-type: none"> <li>1. Fluid Mechanics &amp; Machinery published by Oxford University Press in October 2010, ISBN- 0-19-569963-7</li> <li>2. Engineering Mechanics published by PHI Learning Pvt. Ltd., New Delhi in July 2011, - ISBN -978-81-203-4422-8</li> <li>3. Fundamentals of Strength of Materials by PHI Learning Pvt. Ltd., New Delhi in December 2012, ISBN -978-81-203-4672-7</li> <li>4. Continuum Mechanics by Yes Dee Publishing Pvt. Ltd., Chennai in March 2014, ISBN 978-9380381398</li> <li>5. Structural Analysis -I by YesDee Publication Pvt. Ltd, Chennai in August 2015. ISBN 978-93-80381-62-6</li> <li>6. Applied Hydraulics Engineering by Yesdee Publication Pvt. Ltd., Chennai in Feb 2017, ISBN 9789380381633</li> <li>7. Theory of Elasticity by Yesdee Pvt. Ltd., Chennai in March 2017, ISBN 978-93-80381-47-3</li> </ol>

Faculty Profile			
Name	Dr.H.S.Prasanna		
Date of Birth	18.10.1962		
Unique ID	NIE012		
Education Qualifications	B E (Civil), MEM, ME, PhD		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 34 Years	Research : 17 Years	Industry : 2 Years	
Others : 23 Years (Consultancy)	Area of Specialization : Geotechnical Engineering & Engineering Management	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>• Engineering Mechanics,</li> <li>• Mechanics of Deformable Bodies</li> <li>• Building Planning and Drawing</li> <li>• Concrete Technology</li> <li>• Fundamentals of Geotechnical Engineering</li> <li>• Applied Geotechnical Engineering</li> <li>• Quantity surveying &amp; Estimation</li> <li>• Engineering Management</li> <li>• Engineering Economics</li> <li>• Optimisation techniques</li> </ul>	
<ul style="list-style-type: none"> <li>• Research Guidance (Number of Students) = 6 Numbers</li> </ul>			
No of papers Published in	National: 3	International Journals : 16	Conferences : 20
M. Sc (Completed / Ongoing) :	1 (Completed)		
Ph.D (Completed / Ongoing) :	06 (Ongoing)		
Projects Carried Out :	KSCST		
Patents (Filed & Granted)	Nil		
Technology Transfer :	1		
Research Publications :	12 Book chapters, Springer Publication (Lecture notes in Civil Engineering)		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

### 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"> <li><b>Work Experience</b></li> </ul>				
Teaching : 32 years	Research : 12 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"> <li>Research Guidance (Number of Students): M.Sc.;1, Ph.D; 1, M.Tech: 12</li> </ul>				
No of papers Published in	National: 2	International Journals :6	Conferences :8	
M. Sc (Completed / Ongoing) :	One completed			
Ph.D (Completed / Ongoing) :	One on going			
Projects Carried Out :	-			
Patents (Filed & Granted)	-			
Technology Transfer :	-			
Research Publications :	16			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-			

### Faculty Profile

<b>Name</b>	Dr.Y.M.Manjunath	
<b>Date of Birth</b>	16.09.1965	
<b>Unique ID</b>	NIE014	
<b>Education Qualifications</b>	BE., M.Tech. (Structures), Ph.D.(Structural Engineering)	

• **Work Experience**

<b>Teaching</b> : 29	<b>Research</b> : 06	<b>Industry</b> : Nil
<b>Others</b> : Nil	<b>Area of Specialization</b> : Structural Engineering	<b>Courses Taught at UG/PG Level</b> : 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**

<b>No of papers Published in</b>	<b>National:</b> 01	<b>International Journals</b> : 15	<b>Conferences</b> : 05
<b>M. Sc (Completed / Ongoing) :</b>	--		
<b>Ph.D (Completed / Ongoing) :</b>	03 (Ongoing)		
<b>Projects Carried Out :</b>	Concrete subjected to Elevated Temperature		
<b>Patents (Filed &amp; Granted)</b>	Nil		
<b>Technology Transfer :</b>	--		

**Research Publications :**

- 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 2<sup>nd</sup> 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 24<sup>th</sup> 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 8<sup>th</sup> to 9<sup>th</sup> 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 sustanined elevated temperature", International Journal of Engineering Research & Technology (IJERT), Vol.4, issue06, June 2015. (IJ)
- Nagadorai A and Y.M. Manjuanth, " 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 replaceing 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 resisiting system for high rise buildings", International Journal of Technical Innovation in morden Engineering and Science (IJTIMES), Vol. 4, Issue 5, May 2018.(IJ)
- Prashanth Kumar N andDr. Y.M.Manjunath," Seismic analysis of vertically geometic irregular structures", International Journal of Scientific Development and Research (IJSDR), ISSN :2455-2631, May 2018, Vol. 3, Issure 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 04April 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 8<sup>th</sup> to 10<sup>th</sup> 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 27<sup>th</sup> to 29<sup>th</sup> December 2006.
- National workshop on ‘Non-Destructive Testing of Concrete Structures (NWNDDT-2007)’ on 9<sup>th</sup> & 10<sup>th</sup> 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 2<sup>nd</sup> Nov’ 2007 to 7<sup>th</sup> November 2007 (TEQIP).
- 2 day National Seminar on ‘Urban Planning & Infrastructure – Buildtech 2007’ organised by BAI, Mysore, on 8<sup>th</sup> and 12<sup>th</sup> Dec’2007 at B.N. Bahadur Institute of Management Science, Mysore.
- Attended an International Exhibition and Seminar ‘ARCHITECH – Construction Speciality Expo 2008’ from 28<sup>th</sup> Feb to 29<sup>th</sup> Feb 2008 at Chennai Trade Centre, Nandambakkam, Chennai.
- Attended two days International Seminar on Affordable Housing at BAI, Mysore on 12<sup>th</sup> and 13<sup>th</sup> December 2009.
- REDECON – 2010 a National Seminar & Exhibition on Recent developments in design & construction Technologies held on 28<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup> January 2010, at Convention centre, NIMHANS, Bangalore.
- Build Tech -2010 – International Seminar on Fast Track Construction during 11 & 12<sup>th</sup> December 2010 at Senate Bhavan, Manasagangothri, Mysore.
- Attended three days training programme on “Alternative and cost effective building technologies” on 18<sup>th</sup> to 20<sup>th</sup> 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 8<sup>th</sup> & 9<sup>th</sup> December 2012.
- STEELCON – National seminar on steel structures held at SJCE , Mysore on 26<sup>th</sup> & 27<sup>th</sup> April 2013.
- Attended a workshop on Academic Empowerment of faculty held on 11<sup>th</sup> May 2013 Under TEQIP-II
- Attended a workshop on Design of Masonry Structures held on 17<sup>th</sup> August 2013 Under TEQIP-II
- Attended a one day training programme on “Design Safe” was held on 21<sup>st</sup> August 2013 under TEQIP-II
- Attended a workshop on Finite Element Analysis of Masonry Structures

held on 24<sup>th</sup> August 2013 Under TEQIP-II

- Attended a Fourth International Workshop on Performance, Protection and Strengthening Of Structures under Extreme Loading on 26<sup>th</sup> & 27<sup>th</sup> August, 2013
- Attended a National conference on 'Advances in Engineering and Technology - 2013' on 7<sup>th</sup> November 2013 organized by Ekalavya Institute of Technology, Ummathur, Chamarajanagar District.
- Build Tech -2013 – International Seminar on “Sustainable development” held at Mysore on 14<sup>th</sup> & 15<sup>th</sup> December 2013
- Attended a workshop on “Water supply systems in fast growing cities (Technology, Management & Policies)” held on 17<sup>th</sup> Feb 2014 under TEQIP –II
- Attended a workshop on “Waterproofing of concrete structures” held on 26<sup>th</sup> Feb 2014 under TEQIP –II
- Attended a Workshop on Recent advances in geotechnics for infrastructure (RAGI -2014) on 15<sup>th</sup> March 2014
- Attended a workshop on “Safety of structures” held on 10<sup>th</sup> 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 programme on “Design Safe-2014- Design of Bridges” was held on 15<sup>th</sup> 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 25<sup>th</sup> April 2015
- Build Tech -2015 – International Seminar on ‘Smart Cities’ held at Senate Bhavana, Mysuru on 23<sup>rd</sup> & 24<sup>th</sup> September 2015
- Participated in “Design safe 2015” a one-day training program on Design Safe colloquium on Precast technology for sustainable construction was held on 27<sup>th</sup> November 2015.
- Participated in FDP on “Research areas of structural engineering” sponsored by TEQIP held on 22<sup>nd</sup> 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 11<sup>th</sup> to 16<sup>th</sup> July 2016 at NIE, Mysuru.
- Participated in Two days seminar on “Recent Advances in Civil Engineering” held at Nityotsava, Mysuru on 20<sup>th</sup> and 21<sup>st</sup> Jan 2017.
- Short term course on Advanced Computing Tools in Civil Engineering from 6<sup>th</sup> to 10<sup>th</sup> March 2017 at IIT, Kharagpur
- Short term training programme on “Structural Analysis and Design” from 23<sup>rd</sup> to 25<sup>th</sup> March 2017 at Chennai (IIT, Madras).
- Attended the short term course on “Recent Advances in Transportation Engg” under continuing education programme held from 5<sup>th</sup> March to 9<sup>th</sup> March 2018 at IIT, Delhi.
- Participated as ‘Delegate’ in National Convention & Exhibition on “Sustainable Urbansisation (Infra CE 2018)” organised by Association of Consulting Civil Engineers (India), Nashik Centre. The two days seminar was conducted on 27<sup>th</sup> & 28<sup>th</sup> 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

	<p>trends in concrete – steel composite structures – Design &amp; Construction held during at 10th -11th May 2019 at NIMHANS convention centre, Bengaluru.</p> <ul style="list-style-type: none"><li>• 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</li></ul>
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	Nil

Faculty Profile			
Name	Gourav K		
Date of Birth	28.01.1984		
Unique ID	NIE549		
Education Qualifications	<ul style="list-style-type: none"> <li>• Ph.D., Civil Engineering (Structures), Indian Institute of Science, Bangalore, India, 2016</li> <li>• M.Sc. Engg., Civil Engineering (Structures), Indian Institute of Science, Bangalore, India, 2009</li> <li>• B.E., Civil Engineering, The National Institute of Engineering, Mysuru, 2006</li> </ul>		
<ul style="list-style-type: none"> <li>• <b>Work Experience</b></li> </ul>			
Teaching : 6	Research : 8		Industry : NIL
<p>Others :</p> <ul style="list-style-type: none"> <li>• <b>Visiting Assistant Professor/Post-doctoral fellow</b>, Department of Civil and Environmental Engineering, University of South Carolina, USA (08/2019 – 07/2020)</li> <li>• <b>Visiting Scholar</b>, Department of Civil and Materials Engineering, University of Illinois at Chicago, USA (05/2013 – 08/2013)</li> <li>• <b>Project Associate</b>, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore, India (03/2009 – 08/2009)</li> </ul>	<p>Area of Specialization :</p> <ul style="list-style-type: none"> <li>• Structural Engineering</li> <li>• Structural Masonry</li> <li>• Energy Efficient &amp; Low Carbon Building Technologies</li> <li>• Recycling &amp; Reuse of Solid Wastes for Building Applications</li> </ul>		<p>Courses Taught at UG/PG Level :</p> <p><b>Undergraduate:</b></p> <ul style="list-style-type: none"> <li>• Engineering Mechanics</li> <li>• Fundamentals of RC Design</li> <li>• Design of RC Structures</li> <li>• Alternative Building Materials &amp; Structural Masonry</li> <li>• Structural Dynamics and Earthquake Engineering</li> </ul> <p><b>Postgraduate:</b></p> <ul style="list-style-type: none"> <li>• Design of Storage Structures</li> <li>• Structural Dynamics and Earthquake Engineering</li> <li>• Research Methodology</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 2	International Journals : 6	Conferences : 5
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	1 ongoing		
Projects Carried Out :	<ul style="list-style-type: none"> <li>• “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)</li> </ul>		

- “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 :

**Journal Publication:**

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", *Masonry International (International Masonry Society)*. 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,” *Materials and Structures (Springer Nature)*. 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,” *Construction and Building Materials*, 250, 118876.
4. **K. Gourav** and B. V. Venkatarama Reddy. (2018): “Out-of-plane flexure behaviour of fly ash-lime-gypsum brick masonry walls,” *Engineering Structures*, 173, 241–250.
5. **K. Gourav** and B. V. Venkatarama Reddy. (2018): “Bond Development in Burnt Clay and Fly Ash-Lime-Gypsum Brick Masonry,” *Journal of Materials in Civil Engineering*, 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,” *Current Science*, 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:**

13. 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.
14. **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.
15. **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.

16. G. Sarangapani and **K. Gourav. (2017)**: "Compressive Strength of Alternative Concrete Block Masonry units," 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.


17. **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.

**Book Chapters:**

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.


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

NIL

Faculty Profile			
Name	MADAN KUMAR L		
Date of Birth	21/03/1988		
Unique ID	NIE550		
Education Qualifications	<ul style="list-style-type: none"> <li>M.Tech in Construction Technology, BMSCE, Bengaluru</li> <li>B.E., Civil Engineering, SJMIT, Chitradurga</li> </ul>		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 9 years 2 months	Research : -	Industry : 9 months	
Others : <ul style="list-style-type: none"> <li>Managing Committee member for Association of Consulting Civil Engineering, Mysuru Centre (3.5 years)</li> </ul>	Area of Specialization : <ul style="list-style-type: none"> <li>Concrete &amp; its materials</li> <li>Highway &amp; its materials</li> <li>Construction Management</li> </ul>	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>Construction and Project Management</li> <li>Quantity Surveying and Estimation</li> <li>Building Materials &amp; Construction</li> <li>Engineering Economics and Financial Management</li> <li>Concrete Technology</li> <li>Engineering Mechanics</li> <li>Building Planning and Drawing</li> <li>Highway Engineering</li> <li>Higher Surveying etc.,</li> </ul>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: -	International Journals : 02	Conferences : 02
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	<ul style="list-style-type: none"> <li>"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.</li> <li>"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.</li> </ul>		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	<b>Journal Publications:</b> <ul style="list-style-type: none"> <li>Madan Kumar L and S. Raghunath (2015): " Studies on Reinforced Hollow Concrete Block Masonry", International</li> </ul>		

	<p>Journal of Research in Engineering and Technology, Vol 4, Nov 2015</p> <ul style="list-style-type: none"> <li>• 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</li> </ul> <p><b>Conference Proceedings:</b></p> <ul style="list-style-type: none"> <li>• 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</li> <li>• 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, 25-27 April, 2019</li> </ul>
<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	

• **Work Experience**

Teaching : 5 YEARS	Research :	Industry :
Others :	Area of Specialization : Structural Engineering	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1 Hydrology and Irrigation Engineering</li> <li>2 Design and Drawing of Irrigation Structures</li> <li>3 Basic Material Testing Laboratory</li> <li>4 Geo-Technical Engineering Laboratory</li> <li>5 Engineering Mechanics</li> <li>6 Prestressed Design of Concrete Structures</li> <li>7 Fundamentals of RC Design</li> <li>8 Transportation Engineering</li> <li>9 Highway Engineering</li> <li>10 Design of RC Structures</li> <li>11 Detailing of RC structures</li> </ol>


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

No of papers Published in	National:	International Journals	Conferences :2
		:4	
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 :	<ul style="list-style-type: none"> <li>• S. D. Sneha, H. Hema and R. Abishek (2018). "A Comparative Study on RC Structures (Frame, Infill, Bracings, Wire Frame and Shear Wall) . Proceedings of International Conference on Sustainable Construction and Building Materials. ©Springer Nature Singapore Pte Ltd. 2019 B. B. Das and N. Neithalath (eds.), Sustainable Construction and Building Materials, Lecture Notes in Civil Engineering 25,</li> <li>• <a href="https://doi.org/10.1007/978-981-13-3317-0_9">https://doi.org/10.1007/978-981-13-3317-0_9</a></li> </ul>
	<ul style="list-style-type: none"> <li>• M. S. Mounashree, H. Hema and S. M. Harisha (2018). "Comparative Study on Influence of Lead Rubber Bearing on RC Structures with Flat Slab and Conventional Slab System Under Seismic Loading Proceedings of International Conference on</li> </ul>

	<p>Sustainable Construction and Building Materials. ©Springer Nature Singapore Pte Ltd. 2019 B. B. Das and N. Neithalath (eds.), Sustainable Construction and Building Materials, Lecture Notes in Civil Engineering 25, ©Springer Nature Singapore Pte Ltd. 2019 B. B. Das and N. Neithalath (eds.), Sustainable Construction and Building Materials, Lecture Notes in Civil Engineering 25,</p> <ul style="list-style-type: none"> <li>• <a href="https://doi.org/10.1007/978-981-13-3317-0_10">https://doi.org/10.1007/978-981-13-3317-0_10</a></li> <li>• Comparative Study of Marshall Stability Test on Dense Bituminous Macadam Layer by Varying number of Blows HH Veena K , Y Anesha, Sagar I M , Vinod Kumar, Hemanth Prasad G</li> <li>• International Journal of Engineering Research &amp; Technology 8 (6), 737-742</li> <li>• A Study on Influence Of LDPE on Properties of Bitumen Pavement Under Submergence Condition HH R J Darshan, Akshatha S S, Bhoomika J, Chandan Patel J B, Veena K</li> <li>• International Journal of Engineering Research &amp; Technology 8 (06), 743-748</li> </ul>
<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. N. C. Balaji		
Date of Birth	10 <sup>th</sup> 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"> <li><b>Work Experience</b></li> </ul>			
Teaching : 5 yrs	Research : 15 yrs	Industry : 5 yrs	
Others : --	Area of Specialization : Structures & Building Science	Courses Taught at UG/PG Level :	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students) – 1 no.</li> </ul>			
No of papers Published in	National: 7	International Journals : 8	Conferences : 17
M. Sc (Completed / Ongoing) :	-NIL-		
Ph.D (Completed / Ongoing) :	1 Ongoing		
Projects Carried Out :	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)	Granted Indian Patent No.363524 “Double Guarded Hot Box”		
Technology Transfer :	-Nil-		
Research Publications :	25 Nos.		
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 : 8 Yrs	Research : 2 Yrs	Industry : 4 Yrs
Others :	Area of Specialization :Environmental Engineering	Courses Taught at UG/PG Level :  <b>UG</b>  Engineering Mechanics  Water Supply Engineering  Waste water Engineering  Mechanics of Fluids  Environmental Studies  CAD Lab  Hydraulics Lab  Environmental Engineering Lab  <b>PG</b>  Hydropower Engineering  RS and GIS

- Research Guidance (Number of Students) 9 M.Tech Students

No of papers Published in	National:	International Journals :	Conferences : 2
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		1	
M. Sc (Completed / Ongoing) :	----		
Ph.D (Completed / Ongoing) :	----		
Projects Carried Out :	Validation of Biosensor to detect pesticides		
Patents (Filed & Granted)	----		
Technology Transfer :	----		
Research Publications :	3		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	----		

## 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 : 06 Years	Research : -----	Industry : 7.5 Years
Others :	Area of Specialization : Structural Engineering	Courses Taught at UG/PG Level : <u>UG Level :</u> Fundamentals of Structural Analysis Analysis of Indeterminate Structures Design of Steel Structures Detailing of RC & Steel Structures <u>PG Level :</u> Advanced design of RC Structures Advanced Design of Steel Structures

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

No of papers Published in	National: 02	International Journals : 04	Conferences :01
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	R Vedaprada	
Date of Birth	01.11.1985	
Unique ID	NIE396	
Education Qualifications	M.Tech	


• **Work Experience**

Teaching : 10 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"> <li>• Engineering Mechanics</li> <li>• Hydraulic Machinery</li> <li>• Fluid Mechanics</li> <li>• Hydrology and Irrigation Engineering</li> <li>• Water Supply Engineering</li> <li>• Wastewater Engineering</li> <li>• Environment Impact Assessment</li> </ul>

• **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) :	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. Abhishek A Pathak	
Date of Birth	13 <sup>th</sup> August 1991	
Unique ID	NIE830	
Education Qualifications	Ph.D.	

- Work Experience**

Teaching : 2	Research : 4	Industry :
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Others :	<p style="text-align: center;">Area of Specialization :</p> <p style="text-align: center;">Water Resources Engineering</p>	<p>Courses Taught at UG/PG Level :</p> <p><b><u>UG Courses</u></b></p> <p>Engineering Mechanics, Fluid Mechanics, Hydraulics and Hydraulic Machineries, Water Supply Engineering, Hydrology and Irrigation Engineering, Building Materials and Concrete Technology, Fluid Mechanics Laboratory</p> <p><b><u>PG Courses</u></b></p> <p>Surface Water Hydrology, Hydrological Modeling, Hydraulics and Hydrologic Engineering Laboratory, Hydro Systems Computational Laboratory</p>
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- Research Guidance (Number of Students)**

No of papers Published in	National:	International Journals :	Conferences : 8
		8	

M. Sc (Completed / Ongoing) :	NA
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Ph.D (Completed / Ongoing) :	Completed
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Projects Carried Out :	"Drought Monitoring and Forecasting At Fine Spatio-Temporal Resolution Using Multi-Sensor, Multi-Temporal Earth Observation Time Series". A Project Proposal Submitted to ISRO. (Under review)
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Patents (Filed & Granted)	
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Technology Transfer :	
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1. **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).
2. **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.
3. **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.
4. **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](https://doi.org/10.1117/12.2532852).
5. **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](https://doi.org/10.1007/s11053-018-9417-0).
6. **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](https://doi.org/10.1117/12.2325494).
7. **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.
8. **Pathak, A.A.**, Channaveerappa, Dodamani, B.M., (2016).

“Comparison of Two Hydrological Drought Indices”. Perspectives in Science 8 (1–4). doi:10.1016/j.pisc.2016.06.039.

**International Conference**


1. 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.
2. **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.
3. **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.
4. **Pathak A.A.**, Dodamani B.M. (2018) “Assessment of Agricultural Drought by Remote Sensing Technique” SPIE Remote Sensing 2018. 10-13 Septmber 2018, Berlin, Germany.
5. **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
6. 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.
7. **Pathak A.A.**, Dodamani B.M. (2016) “A Review on Agricultural Drought Indices”, HYDRO 2016 - 21st International Conference

	<p>on Hydraulics, Water Resources and Coastal Engineering, 8-10 December 2016. ISH-Pune, India.</p> <p>8. <b>Pathak A.A</b>, 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.</p>
<p>No. of Books published with details :</p> <p>(Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	

Faculty Profile			
Name	Dr. Anand Hulagabali		
Date of Birth	05-08-1989		
Unique ID	NIE791		
Education Qualifications	PhD, M.Tech, B.E		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 6 Years 8 Months	Research : 6 Months	Industry : 8 Months	
Others :	Area of Specialization : Geotechnical Engineering	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>Fundamentals of Geotechnical Engineering</li> <li>Applied Geotechnical Engineering</li> <li>Engineering Mechanics</li> <li>Advanced Pavement Design</li> <li>Foundation Engineering</li> <li>Research Methodology and Technical Report Writing</li> </ul> <b>PG:</b> Analysis and Design of Substructures Finite Element Analysis Design of Earth Retaining Structures Soil Exploration and Testing Pile Foundation Analysis and Design Advanced Computational Methods in Geotechnical Engineering Ground Improvement Techniques Environmental Geotechnics Geotechnical Earthquake Engineering Geotechnics for Highways Special Problems in Road Construction Analysis of Slopes, Earth Retaining Structures and Underground Structures Pavement Materials and Construction	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) M.Tech Theses Guided - 25</b></li> </ul>			
No of papers Published in	National: --	<ul style="list-style-type: none"> <li>International Journals : 13</li> </ul>	Conferences : 18
M. Tech (Completed / Ongoing) :	25 Completed 8 Ongoing		
Ph.D (Completed / Ongoing) :	1 Ongoing		
Projects Carried Out :	....		

Patents (Filed & Granted)	.....
Technology Transfer :	.....
Research Publications :	31
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<p>A. M. Hulagabali, C. H. Solanki, G. R. Dodagoudar (2014), Contaminant Transport Modelling Through Saturated Porous Media using Finite Element and Finite Difference Methods, Lambert Academic Publications, Germany, ISBN: 978-3-659-52607-7.</p> <p>A. M. Hulagabali (2013), Response of Tunnels subjected to Seismic Conditions, Lambert Academic Publications, Germany, ISBN: 978-3-659-52106-5.M. M.</p> <p>Hulagabali M, Prabhakara R, A. M. Hulagabali (2018), Durability Evaluation of High-Performance Concrete, Lambert Academic Publications, Germany, ISBN: 978-6-139-84132-5.</p>

## Faculty Profile

Name		Dr. Chandan M C		
Date of Birth		09-Mar-1990		
Unique ID		9165-9336-1781 (Aadhar)		
Education Qualifications		Ph.D (IIT-KGP), M.Tech (NITK-Surathkal), B.E. (Autonomus-VTU)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 2		Research : 5		Industry : 1
Others :		Area of Specialization : Remote Sensing and GIS		Courses Taught at UG/PG Level :  Fundamentals of Surveying (CV3C03)  Higher Surveying (CV4C04)  Remote Sensing and GIS (CV6E105)  Remote sensing and GIS Applications in Water Resource Engineering (MHY1E101)
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students): N.A</b></li> </ul>				
No of papers Published in		National: 1	International Journals : 7	Conferences : 21
M. Sc (Completed / Ongoing) :		N.A		
Ph.D (Completed / Ongoing) :		N.A		
Projects Carried Out :		N.A		

Patents (Filed & Granted)	N.A
Technology Transfer :	N.A
Research Publications :	<ol style="list-style-type: none"> <li data-bbox="584 331 1522 566">1. <b>Chandan, M. C.</b>, &amp; Bharath, H. A., (2021). Impact assessment of Corridor Oriented development - A case of urban agglomerations of India. <i>International Review for Spatial Planning and Sustainable Development</i>, 9(2), 172-194. <a href="https://doi.org/10.14246/irspdc.9.2_172">https://doi.org/10.14246/irspdc.9.2_172</a> (IJ)</li> <li data-bbox="584 645 1522 835">2. Bharath, H. A., <b>Chandan, M. C.</b>, Vinay, S., &amp; Akshit, S. (2020). Land allocation model using cellular automata to understand housing demand and supply. <i>Spatial Information Research</i>. <a href="https://doi.org/10.1007/s41324-020-00350-w">https://doi.org/10.1007/s41324-020-00350-w</a> (IJ)</li> <li data-bbox="584 913 1522 1104">3. <b>Chandan, M. C.</b>, Nimish, G. &amp; Bharath, H.A. (2020). Analysing spatial patterns and trend of future urban expansion using SLEUTH. <i>Spatial Information Research</i>, 28(1), 11–23. <a href="https://doi.org/10.1007/s41324-019-00262-4">https://doi.org/10.1007/s41324-019-00262-4</a> (IJ)</li> <li data-bbox="584 1182 1522 1417">4. Bharath, H.A., <b>Chandan, M. C.</b>, &amp; Nimish, G. (2019). Assessing land surface temperature and land use change through spatio-temporal analysis: A case study of select major cities of India. <i>Arabian Journal of Geosciences</i>, 12(11). <a href="https://doi.org/10.1007/s12517-019-4547-1">https://doi.org/10.1007/s12517-019-4547-1</a> Impact Factor: 0.86 (IJ)</li> <li data-bbox="584 1496 1522 1731">5. Bharath, H. A., <b>Chandan, M. C.</b>, Vinay, S., &amp; Ramachandra, T. V. (2018). Modelling urban dynamics in rapidly urbanising Indian cities. <i>The Egyptian Journal of Remote Sensing and Space Science</i>, 21(3), 201–210. <a href="https://doi.org/10.1016/j.ejrs.2017.08.002">https://doi.org/10.1016/j.ejrs.2017.08.002</a> Cite Score: 4.89 (IJ)</li> <li data-bbox="584 1809 1522 2045">6. Bharath, H. A., Vinay, S., <b>Chandan, M. C.</b>, Gouri, B. A., &amp; Ramachandra, T. V. (2018). Green to gray: Silicon Valley of India. <i>Journal of Environmental Management</i>, 206, 1287– 1295. <a href="https://doi.org/10.1016/j.jenvman.2017.06.072">https://doi.org/10.1016/j.jenvman.2017.06.072</a> Impact Factor: 4.005 (IJ)</li> </ol>

7. Bharath, H.A., **Chandan, M.C.**, Vinay, S., & Ramachandra, T.V., (2017). Modelling the growth of two rapidly urbanizing Indian Cities. *Indian Journal of Geomatics*, 11(2), 28-46. (NJ)
8. Bharath, H.A., **Chandan, M.C.**, Vinay, S., & Ramachandra, T.V., (2017). Intra and Inter Spatio-Temporal Patterns of Urbanisation in Indian Megacities, *International Journal of Imaging and Robotics*, 17(2), 28-39. (IJ)
9. Abhimanyu, S., **Chandan, M. C.**, & Bharath, H. A. (2020). Urban Growth Analysis and Modelling Based on Socio-Economic Agents Using Cellular Automata. Paper presented at IEEE International India Geoscience and Remote Sensing Symposium 2020, Ahmedabad, India, Virtual Symposium: 02-05 December, 2020. (IC)
10. **Chandan, M. C.**, Abhimanyu, S. & Bharath, H. A. (2020). Land Use Analysis and Modelling Based on Agents Using Cellular Automata. Paper presented at 41st Asian Conference on Remote Sensing, Deqing, China, Virtual Symposium: 09-11, November, 2020. (IC)
11. **Chandan, M. C.**, Aadithyaa, J. S., & Bharath, H. A. (2020). Integration of Genetic Algorithm and Agent Based Model to Visualize Near Realistic Sustainable Urban Growth: A Comparative Study. Paper presented at 2020 IEEE International Geoscience and Remote Sensing Symposium, Hawaii, USA, Virtual Symposium: 26 September – 02 October, 2020. (IC)
12. **Chandan, M. C.**, & Bharath, H. A. (2019). Assessing Spatial Forms of Urban Expansion Through Spatio-Temporal Metrics and Modelling Future Trends. Paper presented at The International Conference on Future Cities, Indian Institute of Technology, Roorkee: 11-13 December, 2019. (IC)
13. Nimish G., **Chandan M. C.**, & Bharath H. A. (2019). Relationship Between Urban Land Use Dynamics and Land Surface Temperature: Current and Future Scenario Modelling. Paper presented at 5th International Conference on Countermeasures to Urban Heat Islands (IC2UHI), Hyderabad, India: 2-4 December,

2019. (IC)

14. **Chandan, M. C.**, Aadithyaa, J. S., Prakash, P. S., & Bharath, H. A. (2019). Machine Learning for Building Extraction and Integration of Particle Swarm Optimization with Sleuth for Urban Growth Pattern Visualisation for Livable Cities. Paper presented at 55th ISOCARP World Planning Congress, Jakarta-Bogor, Indonesia: 9-13 September, 2019. (IC)
15. **Chandan, M. C.**, & Bharath, H. A. (2019). Quantitative Measurement, Analysis of Land Use Change through Spatio-Temporal Pattern and Modelling. Paper presented at 16th International Conference on Computers in Urban Planning and Urban Management, Wuhan, China: 8-12 July, 2019. (IC)
16. Akshit, S., **Chandan, M. C.**, Bharath, H. A. (2019). Housing Allocation Model to Understand Housing Demand and Supply. Paper presented at 49<sup>th</sup> Annual Conference of Urban Affairs Association, Los Angeles, California: 24-27 April, 2019. (IC)
17. Bharath, H. A., **Chandan, M. C.**, Nimish, G. (2018). Addressing sustainable agenda challenge through analysis of LST, GHG emissions and visualisation of urban growth in Megacities of India, Abstract [GH22A-09] presented at 2018 Fall Meeting, AGU, Washington, D.C.: 10-14 December, 2018. (IC)
18. **Chandan, M. C.**, Nimish, G., Bharath, H. A. (2018). Analyzing Urban Spatial Patterns and Trend of Future Urban Expansion Using SLEUTH. Paper presented at FOSS4G Asia 2018 conference, Moratuwa, Sri Lanka: 2-5 December, 2018. (IC)
19. **Chandan, M. C.**, Bharath, H. A. (2018). Analysis and modelling of impervious land-use expansion using remote sensing and GIS in Coimbatore, India. Paper presented at Biennial Symposium-Lake 2018: Conference on Conservation and Sustainable Management of Riverine Ecosystems, Moodbidri: 22-25 November, 2018. (NC)
20. Nimish, G., **Chandan, M. C.**, Bharath, H. A. (2018). Understanding Current and Future Land use Dynamics with Land Surface

Temperature Alterations: A Case Study of Chandigarh, ISPRS Ann. Photogramm. Remote Sens. Spatial Inf. Sci., IV-5, 79-86, <https://doi.org/10.5194/isprs-annals-IV-5-79-2018> (IC)

21. **Chandan, M. C.**, & Bharath, H. A. (2018). Modelling Urban transition using Cellular Automata based Sleuth modelling. In 2018 IEEE Symposium Series on Computational Intelligence (SSCI), 1656-1663, <https://doi.org/10.1109/SSCI.2018.8628940> (IC)
22. Gaurav, S., **Chandan, M. C.**, Dharini, J., Bharath, H.A. (2018). Combined Spatial Multi- Criteria Approach for Assessing and Mapping Urban Flood Vulnerable Zones in Capital Region of India. Paper presented at IEEE International Conference for Convergence in Technology, Pune: 6-8 April 2018. (IC)
23. **Chandan, M. C.**, Dharini, J., Bharath, H. A. (2017). Understanding Resilience and Sustainable Urban Growth through Land Use Simulation: Case Study of Emerging Metrocity of India. Paper presented at ASCE India Conference, New Delhi: 12-14 December 2017. In Urbanization Challenges in Emerging Economies. American Society of Civil Engineers: 657- 669. <https://doi.org/10.1061/9780784482032.066> (NC)
24. Nimish, G., Shafia A., **Chandan, M. C.**, Bharath H. A. (2017). Monitoring land use/cover change and land surface temperature. Paper presented at 2nd Regional Science & Technology Congress (Western Region), The University of Burdwan, West Bengal: 16-17 November, 2017. (NC)
25. Dharini, J., **Chandan, M. C.**, Bharath H. A. (2017). Exposition of land use dynamics of Coimbatore city using Geoinformatics". Paper presented at 2nd Regional Science & Technology Congress (Western Region), The University of Burdwan, West Bengal: 16-17 November, 2017. (NC)
26. **Chandan, M. C.**, Gaurav, S., Bharath H. A. (2017). Urban growth characterization using geospatial technologies. Paper presented at 2nd Regional Science & Technology Congress (Western Region), The University of Burdwan, West Bengal: 16-17 November, 2017.

(NC)

27. **Chandan, M. C.**, Bharath, H. A. Ramachandra, T. V. (2017). Integrated Approach to Visualize Urban Growth: Case Study of Rapidly Urbanising City. Paper presented at International Symposium on Water Urbanism and Infrastructure Development in Eco- Sensitive Zones, Kolkata: 6-7 January, 2017. (NC)
28. **Chandan, M. C.**, Vinay, S., Bharath, H. A., Ramachandra, T. V. (2016). Land Use Assessment and Urban Growth Monitoring in Hyderabad Region, India. Paper presented at Biennial Symposium-Lake 2016: Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats: 28-30 December, 2016. (NC)
29. Ramachandra, T. V., **Chandan, M. C.**, Bharath H. A., Vinay, S., Jeffery, M. Sellers, Venugopala, K. Rao. (2015). Monitoring and Modelling Patterns of Urban Growth in Chennai, India. Proceedings of National Remote Sensing Center, ISRO, Hyderabad, User Interaction Meet: 21-22 January, 2015. (NC)
30. **Chandan, M. C.**, Bharath, H. A., Ramachandra, T. V. (2014). Quantifying Urbanisation using Geospatial Data and Spatial Metrics – A case study of Madraspattinam. Paper presented at Biennial Symposium-Lake 2014: Conference on Conservation and Sustainable Management of Wetland Ecosystems in Western Ghats: 13-15 November, 2014. (NC)
31. Chandramouli, P. N., Sumaraj, Madhushree A.R., **Chandan, M. C.**, Manoj K.G (2011). Estimation of retention parameters using pressure plate extractor data. Paper presented at National Conference on Recent Developments in Civil Engineering, Vidya Vikas Institute of Engineering & Technology at Mysore, Karnataka. (NC)
32. Bharath, H. A., **Chandan, M. C.**, Nimish, G. and Prakash, P. S. (2018). Modelling and Characterizing Urban Growth Pattern in Silicon Valley: Establishing a Relationship with LST and Building Footprint, Abstract [NH43B-2989] poster presented at 2018 Fall

Meeting, AGU, Washington, D.C., 10-14 December, 2018. (Poster)

33. **Chandan, M. C.**, Sudeep, V. B., Bharath, H. A. (2018). Exploring Spatial Trends of Urban Growth and Modelling the Change of Land Use in Varanasi: A Case of Spiritual Capital of India. Poster presented at National Symposium on Sustainable Cities: Planning & Designing for Green Urban Mobility, IIT-Kharagpur: 1-3 November, 2018. (Poster)

34. **Chandan, M. C.**, Aishwarya, N., Bharath H. A. (2017). Multi-Temporal Urban Growth Characterization Using Geospatial Technologies. Poster presented at Asian Conference on Remote Sensing, New Delhi, India: October 23-27, 2017. (Poster)

No. of Books published with details :

(Name of Book, Publisher with ISBN, Year of publication, Etc)

- **Chandan, M.C.**, "Urban Land Use Modelling and Developing A Framework of Spatial Decision Support System for Indian Cities". Ph.D Thesis, RCG School of Infrastructure Design and Management, Indian Institute of Technology Kharagpur, India, 2021.

- **Chandan, M.C.**, "Modelling Spatial and Temporal Patterns of Urban Growth in Metropolitan Cities of India". M.Tech Thesis, Department of Applied Mechanics and Hydraulics, National Institute of Technology, Surathkal, India, 2015.

#### **Book chapter**


1. Prakash P.S., Nimish G., **Chandan M.C.**, Bharath H.A. (2021) Urbanization: Pattern, Effects and Modelling. In: Bandyopadhyay M., Rout M., Chandra Satapathy S. (eds) Machine Learning Approaches for Urban Computing. Studies in Computational Intelligence, vol 968. Springer, Singapore. [https://doi.org/10.1007/978-981-16-0935-0\\_1](https://doi.org/10.1007/978-981-16-0935-0_1)

2. Bharath, H. A., Nimish, G., & **Chandan, M. C.** (2020). Exposition of

spatial urban growth pattern using PSO-SLEUTH and identifying its effects on surface temperature. In: Verma, P. et al., (Eds.) *Urban Ecology* (pp. 49–68). Elsevier. <https://doi.org/10.1016/b978-0-12-820730-7.00004-5>

3. Ramachandra, T. V., Bharath, H. A., Vinay, S., & **Chandan, M. C.** (2020). Simulation and Modelling the Urban Dynamics in Bangalore. In: Rukmana, D. (Ed.) *The Routledge Handbook of Planning Megacities in the Global South*. New York: Routledge. <https://doi.org/10.4324/9781003038160>
4. **Chandan, M. C.**, Bharath, H. A., & Ramachandra, T. V. (2020). Land Use Modelling - Future Research, Directions and Planning. In: Bharath, H. A., & Ramachandra, T. V. (Eds.) *Urban Growth Patterns in India: Spatial Analysis for Sustainable Development*, first edition (pp. 81-105). Boca Raton, FL: CRC Press.
5. Bharath, H. A., **Chandan, M. C.**, Vinay, S., & Ramachandra, T. V. (2018). Urbanization in India: Patterns, Visualization of Cities, and Greenhouse Gas Inventory for Developing an Urban Observatory. In: Weng, Q., Quattrochi, D. & Gamba, P. (Eds.) *Urban remote sensing*, second edition (pp. 151-171). Boca Raton, FL: CRC Press.

## Faculty Profile

Name	SriRashmi S	
Date of Birth	16.04.1987	
Unique ID	NIE533	
Education Qualifications	B. E ( Environmental Engineering ) M.Tech ( Environmental Engineering ) PhD (Environmental Engineering - Pursiung)	

### • Work Experience

Teaching : 9	Research :8	Industry : NA
Others :	Area of Specialization : Environmental Engineering	Courses Taught at UG/PG Level : Engineering Mechanics Water Supply Engineering Hydrology & Irrigation Engineering Design & Drawing of Irrigation Structures Occupational Safety & Health Solid Waste Management Hydraulic Structures Building Planning & Drawing Environmental Engineering Lab Hydraulics Laboratory

### • Research Guidance (Number of Students)

No of papers Published in	National: 1	International Journals :1	Conferences :2
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	NA		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NA		
Technology Transfer :	NA		
Research Publications :	1. <b>SriRashmi S.</b> , 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., <b>Sri</b>		


**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 Decem,ber 2020, by the depertment of civil engineering NMAM Institute of Technology NITTE


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

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](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"> <li><b>Work Experience</b></li> </ul>			
Teaching : 4.5 YEARS	Research :00	Industry :00	
Others :00	Area of Specialization : Engineering Management	Courses Taught at UG/PG Level : 1. Engineering Mechanics 2. Engineering Economics and Financial Management 3. Engineering Management 4. Introduction to Engineering Design	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students):00</li> </ul>			
No of papers Published in	National: 00	International Journals :1	Conferences :02
M. Sc (Completed / Ongoing) :	Construction Engineering & Management		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	<b>Shruthi A.N</b> , Prasanna H.S, Shivaraja B, Rashmitha A.C, Purushothama K, Shaikhdawood. (2020). Comparative Study of Index Properties of Natural Expansive Soils with Bentonite-Sand Mixtures . <i>International Journal of Advanced Science and Technology</i> , 29(7), 11327-11337.		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

## Faculty Profile

Faculty Profile			
Name	Dr. Naveen B.O.		
Date of Birth	13-October-1984		
Unique ID	NIE673		
Education Qualifications	<ol style="list-style-type: none"> <li>1. Ph.D in Structural Engineering</li> <li>2. M.Tech. in Industrial Structures</li> <li>3. B.E. in Civil Engineering</li> </ol>		
<b>• Work Experience</b>			
Teaching : 3.9 years	Research : 3.5 years	Industry : 4 years	
Others :	Area of Specialization : Structural Engineering	Courses Taught at UG/PG Level : <b>UG Level:</b> <ol style="list-style-type: none"> <li>1. Design and Detailing of Steel Structures</li> <li>2. Repair and Rehabilitation of Structures</li> <li>3. Fire Resistance of Structures</li> </ol> <b>PG Level:</b> <ol style="list-style-type: none"> <li>1. Structural Dynamics and Earthquake Engineering</li> <li>2. Safety of Structures</li> <li>3. Storage Structures</li> <li>4. Advanced Design of RC Structures</li> </ol>	
<b>• Research Guidance (Number of Students)</b>			
No of papers Published in	National: 2	International Journals : 3	Conferences : 10
M. Sc (Completed / Ongoing) :	-NIL-		
Ph.D (Completed / Ongoing) :	-NIL-		
Projects Carried Out :	2		
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. Punith B Kotagi	
Date of Birth	13/02/1990	
Unique ID	NIE691	
Education Qualifications	Ph.D. in Civil Engineering	


### • Work Experience

Teaching : 3.5 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

### • Research Guidance (Number of Students)

No of papers Published in	National: NIL	International Journals : 03	Conferences : 08
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	01		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	11		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

## Faculty Profile

Name	Roopa.N	
Date of Birth	08/03/1990	
Unique ID	NIE587	
Education Qualifications	B.E, M.Tech, (Ph.D)	


### • Work Experience

Teaching: 7.5 year	Research: 1 year	Industry: 8 months
Others : NA	Area of Specialization: Structures, RS & GIS	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Engineering Mechanics</li> <li>2. Architecture and town planning</li> <li>3. Building Materials and Construction Technology</li> <li>4. Building planning and drawing</li> <li>5. Concrete Technology</li> <li>6. Surveying</li> <li>7. Introduction to Engineering Design</li> <li>8. Transportation Engineering – 1</li> <li>9. Transportation Engineering – 2</li> <li>10. Surveying Practice using total station</li> <li>11. Computer Aided Design Laboratory</li> <li>12. Pavement Materials and construction</li> </ol>

### • Research Guidance (Number of Students)

No of papers Published in	National:	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing at NITK Surathkal		
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	<b>Avinash R</b>	
Date of Birth		
Unique ID	NIE826 , (Aadar No :3266 3864 2965)	
Education Qualifications	BE Civil Engineering , M.Tech in Hydraulics	


### • Work Experience

Teaching : 9 months	Research : 4.5 years	Industry : Nil
Others : Construction- 1 Year	Area of Specialization: Hydraulics, Hydrology, Application of Remote sensing & GIS in Water resources and Management.	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Engineering Mechanics- UG</li> <li>2. Ideal Fluid Flow- PG</li> <li>3. Design of Hydraulic Structures- PG</li> </ol>

### • 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 :	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	Pooja P K	
Date of Birth	24-06-1996	
Unique ID	NIE846	
Education Qualifications	M.Tech in Geotechnical Engineering	


- Work Experience**

Teaching : Nil	Research : Nil	Industry : Nil
Others :	Area of Specialization :Geotechnical Engineering	Courses Taught at UG/PG Level :NA

- Research Guidance (Number of Students)**

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

**Faculty Profile**

Name	Jayanth K	Photo Size 2inch x 2inch 
Date of Birth	23-10-1986	
Unique ID	NIE853	
Education Qualifications	M.Tech, B.E.	


• **Work Experience**

Teaching: 08	Research: 02	Industry: 01
Others:	Area of Specialization: Structural Engineering	Courses Taught at UG/PG Level: Engineering Mechanics, Analysis of Determinate Structures, Design of RC Structural Elements, Design of Steel Structures, Structural Dynamics, Seismic Resistant Design of Structures

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

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

### Faculty Profile


Name	PANDU N	
Date of Birth	07-11-1991	
Unique ID	NIE857	
Education Qualifications	M.Tech Hydraulics	

- Work Experience**

Teaching : 1 month	Research : 6years	Industry : Nil
Others :	Area of Specialization : Water Resources Engineering	Courses Taught at UG/PG Level : Remote Sensing & Engineering Mechanics, Fluid Mechanics Lab

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


No of papers Published in	National:	International Journals :	Conferences : 03
M. Sc (Completed / Ongoing) :	--NA--		
Ph.D (Completed / Ongoing) :	Ongoing (NITK Surathkal)		
Projects Carried Out :	Field data collection for Ph.D work at Balehonnuru, Chikmagluru, Karnataka		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	01		
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"> <li><b>Work Experience</b></li> </ul>			
Teaching : 3	Research :2	Industry :1	
Others :3	Area of Specialization : Structures	Courses Taught at UG/PG Level : 6	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students): 0</li> </ul>			
No of papers Published in	National: 0	International Journals : 2	Conferences :2
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"> <li><b>National Conference</b> – Presented - 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 Organisation India.</li> <li><b>International Conference</b> – Presented – 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.</li> <li><b>International Journal Articles:</b> <ol style="list-style-type: none"> <li>V, Sachin. and Suresh, N. (2021), "Residual properties of normal-strength concrete subjected to fire and sustained elevated temperatures: A comparative study", <b>Journal of Structural Fire Engineering</b>, Vol. 12 No. 1, pp. 1-16.</li> </ol> </li> </ul>		

2. V, Sachin. and Suresh, N. (2021) "Study on the residual performance of RC beams exposed to processed temperatures and fire". Accepted for publication by **Journal of Structural Fire Engineering**.


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

0

Faculty Profile			
Name	Mrs. Sumaraj		
Date of Birth	28/04/1989		
Unique ID	NIE845		
Education Qualifications	<ul style="list-style-type: none"> <li>PhD-Department of Civil and Environmental Engineering, University of Auckland, New Zealand (Thesis submitted and under examination) (2015-2021)</li> <li>M.Tech- Environmental Engineering and Management, IIT Kharagpur, 2012-2014</li> <li>B.E-Civil Engineering, The National Institute of Engineering, Mysore, 2007-2011</li> </ul>		
<ul style="list-style-type: none"> <li><b>Work Experience:</b></li> </ul>			
Teaching : 1 year	Research : 5	Industry : 0	
Others :	Area of Specialization : Environmental Engineering	Courses Taught at UG/PG Level : Environmental Studies, Water and wastewater treatment and Solid waste Management	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students): 4 UG students (2021-2022)</li> </ul>			
No of papers Published in	National: 0	International Journals : 3	Conferences : 5
M. Tech (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	0		
Patents (Filed & Granted)	0		
Technology Transfer :	0		
Research Publications :	8		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	0		

# **Mechanical Engineering**

## Faculty Profile

Name	Dr. Suresha B	
Date of Birth	20/03/1964	
Unique ID	NIE035	
Education Qualifications	B.E, M.Tech, PhD	

### • Work Experience

Teaching : 33 Years	Research : 24 Years	Industry : Nil
Others : Nil	Area of Specialization : Tribology of Polymeric Composites.	Courses Taught at UG/PG Level : Control Engineering Design and Drawing Design of Machine Elements I Design of Machine Elements II Kinematics of Machinery Dynamics of Machinery Engineering Drawing Fluid Mechanics Composite Materials Tribology and Bearing Design


### • Research Guidance (Number of Students): 10

No of papers Published in	National: 40	International Journals : 196	Conferences : 265
M. Sc (Completed / Ongoing) :	01		
Ph.D (Completed / Ongoing) :	06 / 03		
Projects Carried Out :	<ol style="list-style-type: none"> <li>1. Minor Research Project Investigations on Friction and Wear of Bio-friendly Fibers and Solid lubricants Reinforced Novel Composites for Food Processing.</li> <li>2. Optimisation of drilling parameters for nano-filler reinforced polymeric composites for aerospace and automotive applications. Investigations on Friction and Wear of Bio-friendly Fibres and Solid lubricants Reinforced Novel Composites for Food Processing.</li> <li>3. Polyamide alloyed with thermoplastic elastomer fibrillar reinforced with nano-fillers multi phased composite for bearing application.</li> </ol>		
Patents (Filed & Granted)	01 Published		
Technology Transfer :	Nil		
Research Publications :	501		
No. of Books published with details : (Name of Book, Publisher with	Book Chapter <ol style="list-style-type: none"> <li>1. What are microfibrillar and nanofibrillar composites? Basic</li> </ol>		

ISBN, Year of publication, Etc)

- concept, characterization, and application. Woodhead Publishing 2017
2. Fabrication and Tribological Behaviour of Particulate and Carbon fibers reinforced Epoxy hybrid Composites. John Wiley & Sons. ISBN: 978-3-527-80859-5 2017
  3. Engineering Polymers with variety of reinforcing materials for Automobile components. Print ISBN: 9781498729932 eBook ISBN: 9781351019422. 2017
  4. Three body abrasive wear behavior with and without graphite filler/ Issues in Materials and Manufacturing Research. Issues in Materials and Manufacturing. 2011
  5. Effect of Micro-filler Addition on Physico- Mechanical Properties of Glass fabric Reinforced Epoxy Composites System/Composites and Nano composites. Apple Academic Press. 2013
  6. Development and characterization of novel fiber reinforced hybrid friction composites. Green Composites-Materials, Manufacturing and Engineering, DeGruyter-Preis "Zukunftsgestalter in Bibliotheken 2018" verliehen 2018-06-14.
  7. Fabrication and Tribological Behavior of Epoxy Hybrid Composites. Synthesis and Tribological Applications of Hybrid Materials, First Edition. 2018
  8. Glass Fiber Hybrid Effects in Assessing the Abrasive Wear Mechanisms of Naturally Woven Fabric/Polymer Composites Under Dry Conditions. Synthesis and Tribological Applications of Hybrid Materials, First Edition. 2018
  9. Automotive Applications: Reinforced Material Components. Encyclopedia of Polymer Applications, First Edition, 2018, Taylor & Francis. 2018
  10. Effect of Ultraviolet (UV) Radiation on Mechanical Behavior of Bi-directional Carbon Fabric Reinforced Epoxy Composites Impregnated with Fly Ash Cenosphere Particles. Advances in Materials Research. 2021

### Faculty Profile

Name	Dr .ARAVIND RAO M. YADWAD	
Date of Birth	18-02-1973	
Unique ID	2284 4541 5997	
Education Qualifications	B.E, M.Tech, Ph.D, PGDHRM., MBA,	


#### • Work Experience

Teaching : 18 years	Research : 15 years	Industry : ----
Others : 05 years	Area of Specialization : Production/ Management/Energy /Manuf. Engineering/	Courses Taught at UG/PG Level : 1 Mechanical Engineering Science 2 Fluid Mechanics 3 Kinematics of Machinery 4 Dynamics of Machinery 5 Mechanical Measurements & Metrology 6 Engineering Management Entrepreneurship 7 Engineering Management 8 CAD/CAM 9 Total Quality Management [Elective] 10 Operations Management 11 Organizational Change and Development [Elective] 12 Machine Drawing 13 Organizational Behaviour [Elective]

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

No of papers Published in	National: 02	International Journals : 20	Conferences :10
M. Sc (Completed / Ongoing) :	-----		
Ph.D (Completed / Ongoing) :	01-awarded; 02-writing thesis; 02- preparing for Comprehensive viva		
Projects Carried Out :	----		
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	Dr.M.V.Achutha	
Date of Birth	13-06-1962	
Unique ID	NIE033	
Education Qualifications	BE, MEM, MTECH, PHD	


### • Work Experience

Teaching : 35years	Research :16Years	Industry : Nil
Others :	Area of Specialization :Production Technology and Management	<ol style="list-style-type: none"> <li>1) Courses Taught at UG/PG Level : Metallurgy and Advanced materials</li> <li>2) Mechatronics</li> <li>3) Industrial Robotics</li> <li>4) Mechanical Measurements and Metrology</li> <li>5) Manufacturing process I,II &amp; III</li> <li>6) Rapid prototyping</li> <li>7) Machine Drawing</li> <li>8) CAD/CAM</li> <li>9) Industrial Management</li> <li>10)Marketing</li> </ol>


### • Research Guidance (Number of Students) : PhD awarded for 2 students, 1 student in final phase of PhD thesis submission

No of papers Published in	National: Nil	International Journals :16	Conferences :3
M. Sc (Completed / Ongoing) :	Not applicable		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	25 innovative research projects across all the departments were carried out from 2010-15 under IEDC out of which 14 projects have been applied for patent. Funded by DST, Govt.of India. Total=Rs. 47lakhs		
Patents (Filed & Granted)	Granted=1, Published patents =13		
Technology Transfer :	Nil		
Research Publications :			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<b>Book Chapter :</b> Arun Dixit, M.V.Achutha and B.K.Sridhara "Evaluation of Critical Speed for Aluminium-Boron Carbide metal Matrix Composite Shaft". - Lecture notes in Mechanical Engineering, Innovative Design Analysis and Development Practices in Aerospace and Automotive Engineering, I-DAD, Springer Nature Singapore, Pte Ltd. 2019. Springer, 527-534, ISSN 2195-4356 ISSN 2195-4364 (electronic) Lecture Notes in Mechanical Engineering ISBN 978-981-13-2717-9 ISBN 978-981-13-2718-6 (eBook) <a href="https://doi.org/10.1007/978-981-13-2718-6">https://doi.org/10.1007/978-981-13-2718-6</a>		

### Faculty Profile

Name	SHAMSUNDAR.S.		
Date of Birth	02/05/1968		
Unique ID	NIE036		
Education Qualifications	B.E.(Mech), M.S.c.( Renewable Energy, Univ. Of Oldenburg, Germany) (PhD)		
<p><b>• Work Experience</b></p>			
Teaching : 33	Research : Nil	Industry : Nil	
Others : Nil	Area of Specialization : Mechanical	Courses Taught at UG/PG Level : PG	
<p><b>• Research Guidance (Number of Students)</b></p>			
No of papers Published in	National: 07	International Journals : 02	Conferences : 10
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	18		
Patents (Filed & Granted)	Filed <ol style="list-style-type: none"> <li>1. Patent applied for – “A Device for Switch Over from Biogas to LPG and Vice-Versa and a method There of”, 2015.</li> <li>2. Patent applied for – “A System and Method for Measurement of Thermal Stability and Oxidation Stability of Biodiesel”, 2015.</li> <li>3. Patent applied for – “A System and Method for Recovery and conversion of Variable Gravitational Potential Energy in Electric Bicycles”, 2015.</li> </ol>		
Technology Transfer :	Nil		
Research Publications :	19		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

### Faculty Profile


Name	Tajmul Pasha	
Date of Birth	06-04-1963	
Unique ID	NIE037	
Education Qualifications	M.Tech	
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>		

Teaching : 27 years	Research : 15 years	Industry : -
Others : -	Area of Specialization : Engg. Management	Courses Taught at UG/PG Level :MES, CAED,MT-1,MT-2,MSM,PPE,FT,NDT,Adv. Manf.

- Research Guidance (Number of Students)**

No of papers Published in	National: 08	International Journals : 04	Conferences : 05
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	-		
Patents (Filed & Granted)	Filed		
Technology Transfer :	-		
Research Publications :	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

### Faculty Profile

Name	RAVIKUMAR BEERANUR	
Date of Birth	20/06/1973	
Unique ID	5368-6307-4514	
Education Qualifications	MASTER OF TECHNOLOGY (IIT B)	

**• Work Experience**

Teaching : 17	Research : 5	Industry :2
Others :	Area of Specialization : MANUFACTURING ENGINEERING	Courses Taught at UG/PG Level : 1) MECHANICA ENGINEERING SCIENCE 2) ENGINEERING GRAPHICS 3) I C ENGINE 4) AUTOMOTIVE ENGINEERING 5) POWER PLANT 6) MANUFACTURING TECHNOLOGY I , II, III 7) CAD/CAM 8) OPERATION RESEARCH 9) FLUID POWER SYSTEM 10) OPERATION MANAGEMENT 11) CAED

**• Research Guidance (Number of Students) 5 (PG)**

No of papers Published in	National:	International Journals :4	Conferences :2
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ph.D REGISTRATION WAS CANCELED DUE TO TECHNICAL ERROR		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	DONE		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

### Faculty Profile

Name	Dr. B. Hulugappa	
Date of Birth	01.07.1973	
Unique ID	NIE039	
Education Qualifications	Ph. D	


**• Work Experience**

Teaching : 22 years	Research :06	Industry : nil
Others : nil	Area of Specialization : Production Technology	Courses Taught at UG/PG Level : UG


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


No of papers Published in	National: 02	International Journals :04	Conferences :02
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	06		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	nil		

### Faculty Profile

Name	Dr. Yogesha K K		
Date of Birth	05/06/1970		
Unique ID	NIE041		
Education Qualifications	BE, MTech, Ph D		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 22	Research :6	Industry :	
Others : -	Area of Specialization : Material processing and characterization	Courses Taught at UG/PG Level : Automotive engineering, Internal combustion engine, MES, CAED.	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students): -</b></li> </ul>			
No of papers Published in	National:	International Journals : 09	Conferences : 08
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	09		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	--		

### Faculty Profile


Name	DHARANISH J			
Date of Birth	10/11/1983			
Unique ID	NIE488			
Education Qualifications	M.Tech			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 10	Research :NIL	Industry :2.5		
Others :NIL	Area of Specialization :Maintenance	Courses Taught at UG/PG Level :MOM,Vibration,MES,IED,CAED, M/c Drawing		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National: NIL	International Journals : 02	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	BHEEMRAJ		
Date of Birth	01.06.1973		
Unique ID	NIE-562		
Education Qualifications	M tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 10	Research :	Industry :	
Others :	Area of Specialization : THERMAL POWER ENGINEERING	Courses Taught at UG Level : 1.Mechanical Engineering Science.2.Internal Combustion Engine. 3.Automotive Engineering.4.Power Plant Engineering. 5.Technology in Hybrid and Fuel Cell Vehicle.	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National:	International Journals :02	Conferences :
M. Sc (Completed / Ongoing) :	-----		
Ph.D (Completed / Ongoing) :	-----		
Projects Carried Out :	-----		
Patents (Filed & Granted)	-----		
Technology Transfer :	-----		
Research Publications :	1.Particle Size Distribution Analysis And Characrization Of Cenospheres. 2. "Fracture Toughness and Impact strength behavior of Glass -Fiber Reinforcedby Nano Particle Polymer Composites"		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-----		


### Faculty Profile

Name	Madaiah D C		
Date of Birth	05/06/1972		
Unique ID	NIE627		
Education Qualifications	B.E, M.Tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 7 Years	Research : Nil	Industry : 3.5 Years	
Others : Nil	Area of Specialization : Machine Design	Courses Taught at UG/PG Level : Dynamics of Machinery Kinematics of Machinery Design of Machine Elements I Design of Machine Elements II Strength of Materials CAD/CAM CAED	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students) Nil</li> </ul>			
No of papers Published in	National: Nil	International Journals : Nil	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. Anand A		
Date of Birth	04/04/1983		
Unique ID	NIE635		
Education Qualifications	BE., M.Tech, PhD		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 10 Years	Research : 6 Years	Industry : 5 Years	
Others :	Area of Specialization : Production	Courses Taught at UG/PG Level :	
		<ol style="list-style-type: none"> <li>1. Computer aided Engineering Drawing</li> <li>2. Computer Integrated Manufacturing</li> <li>3. Additive manufacturing</li> <li>4. Fluid Power Systems</li> </ol>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 01	International Journals : 10	Conferences : 11
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Completed		
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. Prakash. K.R		
Date of Birth	01/11/1968		
Unique ID	NIE341		
Education Qualifications	PhD		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 12	Research :9	Industry :7	
Others :	Area of Specialization : Automation & Robotics Materials	Courses Taught at UG/PG Level : I. Drives and Controls for Automation II. Sensors and its application in manufacturing III. Modelling, Simulation and Analysis of Manufacturing systems IV. Dynamics of Machinery V. Theory of Machines VI. Control Engineering VII. Hydraulic and Pnuematics VIII. Mechatronics IX. Computer Aided Engineering Drawing X. Industrial Automation and Robotics	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 3	International Journals :23	Conferences :9
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	2011 Completed		
Projects Carried Out :	Institute Projects 1. DST-97 Lakhs 2. KCTU-45 Lakhs As student mentor in Innovation		
	1. KIT NAIN-12 Lakhs 2. ARTPARK-1.8 (Ongoing)		


<p>Patents (Filed &amp; Granted)</p>	<p>02 (01 Granted &amp; 01 Published waiting for grant)</p> <p>Details : 6018/CHE/2014-[Our Ref: IP-2047-IN-14150274-NPA-2015]</p> <p>A SYSTEM AND METHOD FOR COOKING USING A PROGRAMMABLE COOKING DEVICE</p> <p>Real-Time Remote Laboratory Kit for Engineering Education</p> <p>Ref. No. PS00002758</p>
<p>Technology Transfer :</p>	<p>Nil</p>
<p>Research Publications :</p>	<ul style="list-style-type: none"> <li>• Need for optimization of graphite particle reinforcement in ZA-27 alloy, Materials Science and Engineering A, Volume 530, Issue-1, Page-382–388, 2011</li> <li>• An investigation into the effects of graphite particles on the damping behavior of ZA-27 alloy composite material composites for tribological applications, Materials and Design, Volume 32, Issue-1, Page1050–1056, 2011</li> <li>• Introduction of PLC-Based Remote Laboratory for Modular Mechatronics System International Journal of Emerging Technology and Advanced Engineering , Volume 2, Issue-7, page328-333, 2012</li> <li>• Control of Seam Welding for an Axle Housing Using Programmable Logic Controller International Journal on Mechanical Engineering and Robotics, Issue-2, Volume-1, page-1-7, 2013</li> <li>• Automation of Loading and Unloading to CNC Turning Center, International Journal on Mechanical Engineering and Robotics, Vol. 1, Issue 2, Page-8-12, 2013,</li> <li>• Dry Sliding Wear Behaviour of Nickel Aluminide coated on Zinc Aluminium alloy Metal Matrix Composite for Anti friction Applications, International Journal of Current Engineering and Technology, Issue 03, Volume 05 page-1836-1840, 2015</li> <li>• Wi-Fi Controlled Automatic Food Maker International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT) published in IEEE, Volume-978-1-5386-236 IEEE, Issue 1, page704-708, 2017</li> <li>• Mathematical Modeling Of Unsaturated Isophthalic Resin's Curing Cycle International Journal of Mechanical and Production Engineering Research and Development, Vol. 8, Issue 2, page 805-810, 2018,</li> <li>• Design and Development of Automation System for Polyurethane Foaming Machine, International Journal of Research Studies in Science, Engineering and Technology Volume 2, Issue 6, PP 33-41, 2015</li> <li>• Mobile Robotics Software Reviews, International Journal of Innovative Research in Advanced Engineering Issue 5, Volume 2 page-78-84, 2015</li> </ul>

- Development of Etch Surface on Eus Needle, International Journal of Research, Issue 08, Volume 04, 786-791, 2017
- Implementation of drive kinematics for a self-driving Car, International Journal of Engineering Development and Research, Issue 02, Volume 05, page-1444-1456, 2017
- PLCs based Remote Laboratory Platform for Learning Electrical Drive Control Applications, International Conference on Signal, Image Processing Communication and Automation, Issue-1 page-74-76, 2017
- Design and Development of Smart Containers using Smart Sensors to Maintain Inventory, International Research Journal of Engineering and Technology, Issue-6, Volume-6, page-593-598, 2019
- Design and Development Automated Food Maker, International Research Journal of Engineering and Technology, Issue-6, Volume-6, page-599-603, 2019
- Automatic Liquid Filling to Bottles of Different Height Using Programmable Logic Controller, International Journal of Mechanical and Production Engineering, Issue-4, Volume-1, Page-9-11, 2013,
- Design & Development of a Prototype of an Agri-bot for Multiple Farming Applications & n,p, k Sensing (Nitrate, Phosphorus, Potassium), International Journal of Engineering Research & Technology, Issue-10, Volume-7, page-1-6, 2019
- Design and Development of Automated & Programmable Testing Rig for Sensor Characterization, International Journal of Engineering Research & Technology, Volume 7, Issue 10, page-1-5, 2019
- Implementation of Lane Centering Algorithm using Model Predictive Controller International Journal of Engineering Research & Technology, Volume 7, Issue 10, page-1-5, 2019
- Automation of NetAct Integration Process using Robot Framework, International Journal of Engineering Research & Technology, Volume 7, Issue 10, page-1-4, 2019
- New Frame Work for Robot Assisted Minimum Invasive Surgery, International Journal of Advanced Science and Technology, Volume-29, No3, page-476-482, 2019
- Strain Sensing and Characterization of CNFs Wrapped with polyaniline/Polypyrrole based polymer composites, International Journal of Mechanical and Production Engineering Research and Development , Vol10, Issue-2, page-1267-1274, April 2020
- Ramya M V, G K Purushothama and K R Prakash, "Design and Implementation of IoT Based Remote Laboratory for Sensor Experiments", International Journal Of Interactive Mobile Technologies, Vol.14, No. 09, pp. 227-238, 2020 (<https://doi.org/10.3991/ijim.v14i09.13991>). (SCI and Scopus Indexed).

	<ul style="list-style-type: none"> <li>• Ramya M V, G K Purushothama and K R Prakash, “M- Learning based Remote Laboratory for Electronics Experiments”, International Journal of Online and Biomedical Engineering, Vol. 16, No11, pp. 4-15, 2020 (<a href="https://doi.org/10.3991/ijoe.v16i11.16177">https://doi.org/10.3991/ijoe.v16i11.16177</a>). (SCI and Scopus Indexed).</li> <li>• Ramya M V, G K Purushothama and K R Prakash, “An approach to convert conventional laboratories into an IoT enabled Laboratories”, International Journal of Web-Based Learning and Teaching Technologies, Vol. 16, Issue No. 5, Article 6, 2021 (accepted and in press). (SCI and Scopus Indexed).</li> <li>• Published a paper titled “Artificial Intelligence Technique for Robot Assisted Surgery: Opportunities and Challenges” in International Journal for Research in Applied Science &amp; Engineering Technology, June 2021, Page No. 4914-4918, ISSN:2321-9653</li> </ul>
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>Book Chapter in Springer Book Title : Polymer-Based Smart Composites for Optoelectronic and Energy Applications 1st Edition, <b>Paperback</b>  <b>ISBN:</b> 9780128184844 Editors :M.R. Siddaramaiah,Nithin Subramani ,Joong Hee Lee  Polymer Based Composites and Nanocomposites for Large Area Strain Sensor</p>

Faculty Profile			
Name	Dr. Siddharth Joshi		
Date of Birth	02-07-1976		
Unique ID	NIE350		
Education Qualifications	PhD +2 postdoctoral works		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching :	Research :	Industry :	
Others : Postdoctoral experience	Area of Specialization : Organic/Inorganic thin films, photovoltaic, Soft matters, Vitamins encapsulation, Synchrotron source radiation applications, Composite materials and Applications, Metal oxides.	Courses Taught at UG/PG Level : UG - 1. Nanotechnology PG – 1. Nano-Science & Nanomaterials 2. Advanced Material Science 3. Nanomaterials, surface Interface and catalysis 4. Carbon Nanostructures and Applications	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: Nil	International Journals : 11	Conferences : 3
M. Sc (Completed / Ongoing) :	17/4		
Ph.D (Completed / Ongoing) :	1 ongoing		
Projects Carried Out :	3 (external) sponsored by UGC-DAE and SERB 2 (Internal) sponsored by NIE, Mysore		
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)	Book Chapters – 1. S. Joshi, S. Grigorian, U. Pietsch, “Physical and Chemical Aspects of Organic electronics from fundamentals to functioning devices”, April 2009, Wiley-VCH, Berlin, ISBN: 978-3-527-62739-4.  2. S. Madhurya, Farhath Khanum, Siddharth Joshi, Encapsulation and controlled Release of Pharmaceutical Materials using Biopolymers, submitted to IGI global book publisher, submitted Aug. 2021 <b>(yet to publish)</b> .		

### Faculty Profile


Name	Dr.Imran M Jamadar	
Date of Birth	01/03/1987	
Unique ID	NIE797	
Education Qualifications	Ph.D. Mechanical Engineering [SVNIT Surat]	

• **Work Experience**

Teaching : 11	Research :07	Industry :Nil
Others :Nil	Area of Specialization :Machine Design and Vibration	Courses Taught at UG/PG Level : Machine Design-I & II, Finite Element Methods, Theory of Machines, Dynamics of Machines, Research Methodology

• **Research Guidance (Number of Students), M.Tech.-03**

No of papers Published in	National: --	International Journals :18	Conferences :05
M. Sc (Completed / Ongoing) :	--		
Ph.D (Completed / Ongoing) :	--		
Projects Carried Out :	01		
Patents (Filed & Granted)	01		
Technology Transfer :	--		
Research Publications :	23		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	--		

Faculty Profile			
Name	Dr. Sharath Chandra N		
Date of Birth	28.09.1985		
Unique ID	NIE287		
Education Qualifications	BE (Mechanical Engineering), M.Tech (Product Design & Manufacturing) PhD (Technology Management)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 10	Research : 9	Industry : 2	
Others :	Area of Specialization : Product Design	Courses Taught at UG/PG Level : Dynamics of Machinery, Kinematics of Machinery, Design for Manufacturing, Product Design & Development, Mechanical Vibrations, Professional Communication, Mechanical Engineering Sciences, Computer Aided Engineering Drawing	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) - 0</b></li> </ul>			
No of papers Published in	National: 0	International Journals : 6	Conferences : 6
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	<b>Journal Publications</b> <ol style="list-style-type: none"> <li>Sharath Chandra N., Raghavendra, N. V., Shekar, G. L., &amp; Khan, P. M. A. (2019). Acquisition of Technological Capability by Firms in the Aerospace Cluster of Bengaluru. The Asian Journal of Technology Management, 12(1), 58-69.</li> <li>Sharath Chandra, N., Raghavendra, N. V., &amp; Bharadwaj, S. V. (2016) Online Survey Portal for Collection of Data for Accreditation: A Case Study from an Engineering College in South India.</li> </ol>		

3. Sharath Chandra N. Shekar, G. L., & Raghavendra, N. V. (2015). Aerospace cluster of Bangalore: Can the SMEs take up the challenges?. *Journal of Asian Business Strategy*, 5(9), 191.
4. Sharath Chandra N., Shekar, G. L., & Raghavendra, N. V. Aerospace Cluster of Bangalore: Current Scenario and Future Prospects. 2nd International Conference on Current Trends in Engineering and Management, ICCTEM-2014, 17 – 19, July 2014, Mysore, Karnataka, India
5. Achutha, M. V., GK, N. & Sharath Chandra N., (2014). Concept Design and Analysis of Multipurpose Farm Equipment. *IJIRAE* ISSN, 2349-2763.
6. Achutha, M. V. Kesavanth B G., Sharath Chandra, N., (2014). Concept Design and Analysis of Low Cost O-Ring Assembly Machine for Adjustable Ball Race Assembly.

Conference Proceedings


1. Sharath Chandra N., Raghavendra, N. V., & Shekar, G. L. (2016, July). Aerospace industry of India: Analysis of strengths, weaknesses, opportunities and threats. In 2016 7th International Conference on Mechanical and Aerospace Engineering (ICMAE)(pp. 512-516). IEEE.

Book Chapters

1. Sharath Chandra N., Shekar, G. L., & Raghavendra, N. V. (2017, September). Offset Policy and Its Impact on Aerospace Industry in India. In *EAI International Conference on Technology, Innovation, Entrepreneurship and Education*(pp. 241-247). Springer, Cham.


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

-

Faculty Profile			
Name	Sunil S R Gaekwad	Photo Size 2inch x 2inch	
Date of Birth	21.12.1987		
Unique ID	NIE285		
Education Qualifications	BE (Mechanical Engineering), M.Tech (Tool Engineering) PhD (Registered in 2017)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 10	Research : 4	Industry :	
Others :	Area of Specialization : Production Engineering	Courses Taught at UG/PG Level : CAD/CAM, Aeronautical Engineering, Automotive Engineering, Fluid Mechanics, Product Planning & Marketing, Operations Management, Tool Design, Professional Communication, Manufacturing Technology 1, Manufacturing Technology 2, Rapid Prototyping, Non Traditional Machining, Mechanical Engineering Sciences, Material Science & Metallurgy, Computer Aided Engineering Drawing	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) - 0</b></li> </ul>			
No of papers Published in	National: 0	International Journals : 4	Conferences : 1
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	Influence Of Surface Treatment on ABS Parts Printed Using Fused	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249-6890; ISSN(E): 2249-8001	Vol. 10, Issue 3, Jun 2020, 9751-9760 DOI : 10.24247/ijmperdjun2020931

	Deposition Modelling		
	Improvement in Properties of Chromium Coated ABS Parts	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249-6890; ISSN(E): 2249-8001	Vol. 10, Issue 3, Jun 2020, 13109-13118 DOI: 10.24247/ijmperdjun20201253
	Design of a Submerged Cooling System for a Vertical Axis Milling CNC Machine	International Journal of Engineering and Innovative Technology ISSN: 2277-3754	Volume 5, Issue 1, July 2015
	Study of Surface Properties of Fused Deposition Modelling Parts	International Journal for Research in Engineering Application & Management ISSN : 2454-9150	Vol-06, Issue-02, May 2020 DOI : 10.35291/2454-9150.2020.0363
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

### Faculty Profile

Name	N.S.SRIKANTH	
Date of Birth	12-09-1988	
Unique ID	NIE305	
Education Qualifications	PhD(Pursuing at IITMadras) <b>M.Tech by Research</b> (Thermal Engineering) from <b>NITK Surathkal</b>	

- Work Experience**

Teaching : <b>9years</b>	Research : <b>4years</b>	Industry :
Others :	Area of Specialization : <b>Thermal Engineering, Electronic cooling, Two phase flows in micro channel, Phase change Material, Flow past bodies</b>	Courses Taught at UG/PG Level : <b>Basic Thermodynamics, Heat Transfer, Computational Fluid Dynamics, Research Methodology, Control Engineering, Robotics, CIM.</b>

- Research Guidance (Number of Students)


No of papers Published in	National: 3	International Journals :3	Conferences :2
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Currently pursuing at IIT Madras		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NA		
Technology Transfer :	NA		

#### Research Publications :

Sl. No.	Details of Conferences/Seminars/ Workshops	Presented Papers (Title of the Paper Presented)
1	Fluid Mechanic and Fluid Power (FMFP)	Numerical Investigation of fluidflow and heattransfer in hexagonal shaped micro channel

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

Name	P.Srinag	
Date of Birth	06-03-1989	
Unique ID	NIE438	
Education Qualifications	Ph.D : Pursuing at, <b>Aerospace Dept., IIT Kharagpur</b> PG- M.Tech <b>Aerospace Engg. IIT Kharagpur (9.08/10)</b> UG - BE <b>Mechanical Engg. VTU (FCD)</b>	


- Work Experience**

Teaching : 07	Research : 06	Industry :02
Others :	Area of Specialization : Aerodynamics , Computational Fluid Dynamics	Courses Taught at UG/PG Level : Aerodynamics , Turbomachinery, Computational Fluid Dynamics, Fluid Mechanics, Thermodynamics, CAED


- 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 :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	02		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

### Faculty Profile

Name	VIKRAM ATHREYA V			
Date of Birth	12 <sup>th</sup> March 1991			
Unique ID	NIE449			
Education Qualifications	BE, M.Tech			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 7 Years	Research : 5 Years	Industry : Nil		
Others :	Area of Specialization: Thermal Engg.	Courses Taught at UG/PG Level : Computer Aided Engineering Drawing, Mechanical Engineering Science, Introduction to Engineering Design, Basic and Applied Thermodynamics, Fluid Mechanics, Renewable Energy Technology, IC Engines, Hybrid and Electrical Vehicles. Automotive Electronics (M.Tech – IAR)		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National: Nil	International Journals : 03	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 :	Nil			
No. of Books published with details :(Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil			

### Faculty Profile

Name	Aruna Mokhamatam	
Date of Birth	01.08.1983	
Unique ID	NIE 530	
Education Qualifications	M.Tech from IIT Kharagpur, (PhD ) under VTU	


• **Work Experience**

Teaching : 7 years	Research : --	Industry :2 years
Others : __	Area of Specialization : Manufacturing	Courses Taught at UG/PG Level : Mechanical Measurements and Metrology, Coordinate Metrology, Research Methodology, Turbo-machines, Heat transfer, Applied Thermodynamics, CAD CAM, Fluid Power systems.

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

No of papers Published in	National:	International Journals :	Conferences :
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	Chandra sekhar kanuru	
Date of Birth	01-04-1985	
Unique ID	NIE273	
Education Qualifications	M.Sc Physics	


• **Work Experience**

Teaching : 7 years	Research : 10 years	Industry : Nil
Others :	Area of Specialization : Physics	Courses Taught at UG/PG Level : UG: Introduction to Nano Science and Technology, Advance Nano-Science and Technology PG: Quantum Mechanics, Nano Electronics, Advanced Material Science, Composite Materials and Applications

• **Research Guidance (Number of Students): 28**

No of papers Published in	National: Nil	International Journals : 10	Conferences : 01
M. Sc (Completed / Ongoing) :	Completed: 2007		
Ph.D (Completed / Ongoing) :	ongoing		
Projects Carried Out :	02		
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	Madhusudhana R	
Date of Birth	31/05/1984	
Unique ID	NIE351	
Education Qualifications	M.Sc.,M.Phil.,M.Tech.(Nanotechnology), B.Ed.,(Ph.D)	


• **Work Experience**

Teaching : 15 Years	Research : 12 Years	Industry : Nil
Others :	Area of Specialization : Thin Films, Nanomaterials	Courses Taught at UG/PG Level : Introduction to Nanoscience & Nanotechnology, Synthesis and Characterization of Nanomaterials, Nanostructured Materials for Clean Energy Systems, Nanosensors and Devices

- Research Guidance (Number of Students): Guided 19 M.Tech Students, 8 B.E Students, 4 M.Sc Students and 1 BSc student

No of papers Published in	National: 08	International Journals : 12	Conferences : 14
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing (Colloquium Completed)		
Projects Carried Out :	01 (UGC – MRP)		
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	15		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

### Faculty Profile

Name	PRITHVI C	
Date of Birth	01-11-1984	
Unique ID	NIE 460	
Education Qualifications	B.E (Mechanical Engineering), VTU, Belagavi M.E (Machine Design). Bangalore University Ph.D (perusing), JSS STU, Mysuru.	


• **Work Experience**

Teaching : 12.5 years	Research : 4 years	Industry : 0.5 years
Others :	Area of Specialization : Machine Design	Courses Taught at UG/PG Level : P.G: Finite Element Method, Theory of Elasticity, Fatigue Analysis, Fracture Mechanics, Tribology and Bearing Design, Failure Analysis, Design for manufacturing and Assembly. U.G: Design of Machine Elements, Theory of Machines, Finite Element Method, Computer Aided Engineering Drawing, Mechanical Vibration, Engineering Mechanics.

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

No of papers Published in	National: 02	International Journals :06	Conferences : 10
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :			
Patents (Filed & Granted)	None		
Technology Transfer :	None		
Research Publications :	04		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

### Faculty Profile

Name	Prasanta Kumar Samal	
Date of Birth	25-Apr-1984	
Unique ID	NIE467	
Education Qualifications	ME	

• **Work Experience**

Teaching : 09 years	Research : 02 Years	Industry : 01 Year
Others :	Area of Specialization : Machine Design	Courses Taught at UG/PG Level : FEM, Control Engineering, Machine Drawing, CAED, Experimental Stress Analysis, Mechanisms Design

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

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

### Faculty Profile

Name	MRINAL K R	
Date of Birth	20/04/1986	
Unique ID	NIE 657	
Education Qualifications	Ph.D	

• **Work Experience**

Teaching : 4 Years	Research : 8 Years	Industry : 0
Others :	Area of Specialization : Thermal and fluids	Courses Taught at UG/PG Level : Fluid Mechanics, Turbomachines, Basic Thermodynamics, Applied Thermodynamics, Research Methodology


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

No of papers Published in	National:	International Journals :5	Conferences :10
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		


Research Publications :	<ol style="list-style-type: none"> <li>1. <b>K.R Mrinal</b> and A. Samad (2018), "Performance prediction of kinetic and screw pumpsdelivering slurry. Proceedings of the Institution of Mechanical Engineers, Part A: Journal ofPowerand Energy, 232(7), 898-911.</li> <li>2. <b>K.R. Mrinal</b> and A. Samad (2017), Leakage flow correlation of a progressive cavity pumpdelivering shear thinning non-Newtonian fluids. International Journal of Oil, Gas and CoalTechnology, 16(2), 166-186.</li> <li>3. <b>K.R.Mrinal.</b>,M.H.,SiddiqueandA.Samad.(2018).PerformancePredi ctionofaCentrifugal Pump Delivering non-Newtonian Slurry, Particulate Science and Technology,36(1),38-45.</li> <li>4. <b>K.R. Mrinal.</b>, M. H., Siddique and A. Samad. "A Transient 3D CFD Model of a ProgressiveCavityPump."In ASMETurboExpo2016:TurbomachineryTechnicalConferenceandE xposition, pp. V009T24A009-V009T24A009, Volume 9 American Society of MechanicalEngineers,2016.</li> <li>5. M. H., Siddique., <b>K.R. Mrinal.</b>, and A. Samad. Optimization of a centrifugal pump impeller by control lingbladeprofile parameters."In ASME Turbo Expo 2016: Turbo-machineryTechnicalConferenceandExposition,volume2c,pp.V02C T45A009-V02CT45A009.AmericanSocietyof Mechanical Engineers, 2016</li> </ol>
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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	Dr.Sathisha H.M		
Date of Birth	04/10/1984		
Unique ID	NIE717		
Education Qualifications	Ph.D		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching:6.5	Research: 5	Industry: 0.5	
Others : NIL	Area of Specialization :Thermal Engineering	Courses Taught at UG/PG Level : Basic and Applied Thermodynamics, Heat Transfer, Computational Fluid Dynamics, Fluid Mechanics, Computer Aided Engineering Drawing	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students): 1 ( Degree Awarded)</li> </ul>			
No of papers Published in	National: 2	International Journals :2	Conferences: 7
M. Tech. (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	Yes		
Patents (Filed & Granted)	NIL		
Technology Transfer :	Collaborative research with Thermet Solutions Pvt. Ltd, Bangalore		
Research Publications :	14		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

### Faculty Profile

Name	Mr. VinodKumar H P	
Date of Birth	11-09-1990	
Unique ID	NIE618	
Education Qualifications	B.E, M.Tech	


• Work Experience

Teaching : 4 Yrs 6 Months	Research : -	Industry : 1 yr 8 Months
Others :	Area of Specialization : Automation & Robotics	Courses Taught at UG/PG Level : UG: <ul style="list-style-type: none"> <li>• Industrial Robotics</li> <li>• Computer Integrated Manufacturing</li> </ul> PG: <ul style="list-style-type: none"> <li>• Robotics for Industrial Automation</li> <li>• Industrial Internet of Things</li> <li>• Artificial Intelligence and Expert System for Automation</li> <li>• Computer Vision and Image Processing</li> </ul>

• Research Guidance (Number of Students)

No of papers Published in	National:	International Journals :06	Conferences :
M. Sc (Completed / Ongoing) :	Not Applicable		
Ph.D (Completed / Ongoing) :	Ongoing – NIT Calicut		
Projects Carried Out :	<ul style="list-style-type: none"> <li>• NIE – CRD 2019 Project Title: Development and control of home automation system through myRIO</li> <li>• NIE – CRD 2020 Project Title: Development of facial recognition attendance system with automatic Thermal screening and sanitization. Funded by NIE- CRD. RS. 20,000/-. PI: Dr. M.V. Achutha. Co – PI: VinodKumar H P(Sanctioned for 4<sup>th</sup> year UG students)</li> </ul>		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	06		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

### Faculty Profile

Name	Dr. Harshavardhan B			
Date of Birth	14-05-1986			
Unique ID	NIE646			
Education Qualifications	Ph.D, M.Tech., B.E.			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 10	Research : 06	Industry : Nil		
Others : Nil	Area of Specialization : Tribology of composite materials, Vibrations, Design and Maintenance Engineering	Courses Taught at UG/PG Level : <b>UG:</b> Design of Machine Elements, Mechanical Vibrations, Dynamics of Machinery, Kinematics of Machines <b>PG:</b> Optimum Design, Advanced Theory of Vibrations, Tribology and Bearing Design.		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) Nil</b></li> </ul>				
No of papers Published in	National: 01	International Journals : 07	Conferences : 05	
M. Sc (Completed / Ongoing) :	Not applicable			
Ph.D (Completed / Ongoing) :	Completed			
Projects Carried Out :	Nil			
Patents (Filed & Granted)	Nil			
Technology Transfer :	Nil			
Research Publications :	<ol style="list-style-type: none"> <li><b>Harshavardhan B</b>, Ravishankar R, Suresha B, Srinivas S and Arun C Dixit U, 2020, "Influence of short carbon fiber content on thermal properties of polyethersulfone composites", <i>Materials Today Proceedings</i>, doi: 10.1016/j.matpr.2020.08.769.</li> <li>Dixit, A. C., <b>Harshavardhan, B.</b>, Shivashankar, R., Gururaja, S., and Vismay, K. G., 2021, "Effect of Dry Sliding Wear Parameters on the Tribological Behavior of Aluminum Hybrid Metal Matrix Composites," <i>Materials Today: Proceedings</i>, doi: 10.1016/j.matpr.2020.12.113</li> <li><b>Harshavardhan B</b>, Ravishankar R, Suresha B, Srinivas S and Arun C Dixit U, 2020, "Thermal characterization of polyethersulfone composites filled with self lubricants", <i>Materials Today Proceedings</i>,</li> </ol>			

doi: 10.1016/j.matpr.2020.08.768.

4. Anjum, N., Suresha, B., Prasad, S. L. A., and **Harshavardhan, B.**, Sept 2020, "Wear Behaviour of Sansevieria and Carbon Fiber Reinforced Epoxy with Nanofillers: Taguchi Method," *Tribology in Industry*, p. 18, doi: 10.24874/ti.861.03.20.06
5. M. K. S. Kumar, and **B. Harshavardhan**, March 2020, "Wear Analysis of T6 Heat Treated Al 7075/Graphene Composite by Stir Casting Technique," in *International Journal of Research in Engineering, Science and Management*, vol. 3, no. 3, pp. 212-216,
6. Suresha, B., **Harshavardhan, B.**, Rao, A. M., Koushik, U. R., and Hemanth, R., 2019, "Role of Nano-Fillers on Tribological Behaviour of Ultra High Molecular Weight Polyethylene Composites," *Materials Today: Proceedings*, doi: 10.1016/j.matpr.2019.09.089.
7. **B. Harshavardhan**, R. Ravishankar, B. Suresha, and S. Srinivas, Nov 2019, "Static and Dynamic Mechanical Performance of Carbon Fiber Reinforced Polyethersulfone Composites," *Applied Mechanics and Materials*, vol. 895, pp. 265–271, doi: 10.4028/www.scientific.net/AMM.895.265.
8. B. Suresha, **B. Harshavardhan** and R. Ravishankar, 2018, "Tribop-performance of epoxy hybrid composites reinforced with carbon fibers and potassium titanate whiskers", *Advances in Mechanical Design, Materials and Manufacture*. American Institute of Physics, pp. 020069-1-9, doi: 10.1063/1.5029645


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

Nil

### Faculty Profile

Name	RAVIKIRAN		
Date of Birth	15-12-1991		
Unique ID	NIE521		
Education Qualifications	B. E, M. TECH		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching :05	Research: Nil	Industry: Nil	
Others : Nil	Area of Specialization: Design Engineering	Courses Taught at UG/PG Level: <ul style="list-style-type: none"> <li>▪ Kinematics of Machinery</li> <li>▪ Dynamics of Machinery</li> <li>▪ Mechanical Vibrations</li> <li>▪ Computer Aided Engineering Drawing</li> <li>▪ Mechanical Engineering Sciences</li> <li>▪ Mechatronics</li> </ul>	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students) : 05 ( UG Students)</li> </ul>			
No of papers Published in	National: 01	International Journals: 01	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 :	03		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

## Faculty Profile

Name	Raghunandan S	
Date of Birth	23/11/1985	
Unique ID	NIE759	
Education Qualifications	Ph.D. in Metallurgical and Materials Engg, M. Tech in Materials Engg, B.E in Mechanical Engg	

### • Work Experience

Teaching: 2.5 years	Research: 8 years	Industry: 1.5 years
Others :	Area of Specialization: Materials Engg, Materials Characterization, Ceramic coatings	Courses Taught at UG/PG Level: <ul style="list-style-type: none"> <li>• Operations Research (5<sup>th</sup> sem UG)</li> <li>• Introduction to Nano Science and Technology (6<sup>th</sup> sem UG)</li> <li>• Operations Management (7<sup>th</sup> sem UG)</li> <li>• Metallurgy and Advanced Materials (4<sup>th</sup> sem UG)</li> <li>• Computer Aided Engg Drawing (2<sup>nd</sup> sem UG)</li> </ul>

### • Research Guidance (Number of Students)

No of papers Published in	National:	International Journals:	Conferences:
		3	

M. Sc (Completed / Ongoing) :

Ph.D (Completed / Ongoing) :

Projects Carried Out :

Patents (Filed & Granted)

Technology Transfer :

Research Publications :	<p><b><u>Journal Publications</u></b></p> <ul style="list-style-type: none"> <li>• S. Raghunandan, R. Suresh Kumar, M. Kamaraj, Ashutosh S. Gandhi (2019): "Role of water in the sol-gel synthesis of yttrium monosilicate", <i>Ceramics International</i>, 45(4), 4487-4492.</li> <li>• Surendra B. Anantharaman, V. B. Rajkumar, S. Raghunandan, K.C. Harikumar, R. Suresh Kumar, Ashutosh S. Gandhi (2017): "Role of thermodynamic miscibility gaps in phase selection in sol-gel synthesis of yttrium silicates". <i>Journal of European Ceramic Society</i>, 37(17), 5001-5007.</li> <li>• S. Raghunandan, Jasim AkberHyder, T. P. D. Rajan, K. Narayan Prabhu, B.C. Pai (2012): "Processing of Primary Silicon and Mg<sub>2</sub>Si</li> </ul>
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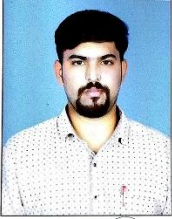
Reinforced Hybrid Functionally Graded Aluminum Composites by Centrifugal Casting”, Trans Tech Publications 710, 395-400.

**Conference Presentations:**


1. S. Raghunandan, R. Suresh Kumar, M. Kamaraj, Ashutosh S. Gandhi (2016): “Sol-gel synthesis and in-situ formation of yttrium silicates for environmental barrier coating applications” at Indo-US Bilateral Workshop on Ceramic Coatings and Multilayers, 25-28 February 2016; Coorg, India.
2. S. Raghunandan, R. Suresh Kumar, M. Kamaraj, Ashutosh S. Gandhi (2016): “Sol-gel synthesis of yttrium monosilicate” at the International Congress on Ceramics (ICC – 6), 21-25 August 2016; Dresden, Germany.
3. S. Raghunandan, R. Suresh Kumar, M. Kamaraj, Ashutosh S. Gandhi (2016): “In-situ formed yttrium silicates as prospective environmental barrier coatings” at ISRS-2016, December 21-23, Department of Metallurgical and Materials Engineering, IIT Madras.
4. S. Raghunandan, R. Suresh Kumar, M. Kamaraj, Ashutosh S. Gandhi (2017) : “Evolution of phases in the sol-gel synthesis of yttrium monosilicate for environmental barrier application” at EH-TACAG (Indian Ceramic Society Annual Meeting - 2017), December 14-16, College of Engineering, Pune.
5. Surendra B. Anantharaman, V. B. Rajkumar, S. Raghunandan, K.C. Harikumar, R. Suresh Kumar, M. Kamaraj, Ashutosh S. Gandhi (2018): “Role of Thermodynamic Miscibility Gap in Phase Selection in Sol-gel Synthesis of (Y, Yb -) Silicates” at MS&T 2018, Oct 14-18, Columbus, Ohio.
6. S. Raghunandan, R. Suresh Kumar, M. Kamaraj, Ashutosh S. Gandhi (2019): “Evolution of phases in the sol-gel synthesis of ytterbium silicates” at ADMAT 2019 – International Conference on Advanced Defence Materials and Processes, Sep 23-25, Hyderabad, India.

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

### Faculty Profile

Name	Vaibhav Sanjay Deshpande		
Date of Birth	30/09/1990		
Unique ID	NIE795		
Education Qualifications	M. Tech (Machine design)		
<ul style="list-style-type: none"> <li><b>Work Experience:- 05 years</b></li> </ul>			
Teaching : 05 years	Research :	Industry : 01	
Others :	Area of Specialization : Machine Design	Courses Taught at UG/PG Level: Mechanical Vibrations, Control Engineering, Machine drawing, Fracture Mechanics.	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National:	International Journals :03	Conferences :
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :			
Projects Carried Out :	05		
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	TEJAPPANAVARA RAGHAVENDRA	
Date of Birth	01-05-1988	
Unique ID	NIE812	
Education Qualifications	PhD	

### • Work Experience

Teaching : 2 years	Research : 4.2 years	Industry : Nil
Others : Nil	Area of Specialization: Processing and characterization of polymer composites.	Courses Taught at UG/PG Level : Manufacturing process Nontraditional machining Metrology and measurements Mechanical Engineering Sciences Computer aided engineering drawing

### • Research Guidance (Number of Students)

No of papers Published in	National: 1	International Journals : 3	Conferences : 7
M. Sc (Completed / Ongoing) :	-----		
Ph.D. (Completed / Ongoing) :	Completed		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		

### Research Publications :

#### International publications


1. Raghavendra, T. and Kavan, P., 2018. A novel study on thermal stability of camphor soot reinforced coir fibers. *Fibers and Polymers*, 19(7), pp.1567-1575.
2. Raghavendra, T. and Panneerselvam, K., 2020. A Novel Study On Surface Modification Of Palmyra Fibers For Enhancing Mechanical And Thermal Properties. *Surface Review and Letters*, 27(02), p.1950104.
3. Raghavendra, T. and Panneerselvam, K., 2020. Mechanical and Thermal Characterization of Camphor Soot Embedded Coir Fiber Reinforced Nylon Composites. *Fibers and Polymers*, 21(11), pp.2569-2578.

#### National publications

4. Panneerselvam, K., Raghavendra, T., Mohan, S. and Ahmad, A., Study on Camphor Soot Reinforced Polyamide-6 & ABS Blend. *ISME Journal of manufacturing science* Vol. 7 No. 1 pp. 27-37

	<p><b>Conferences</b></p> <ol style="list-style-type: none"> <li>1. Raghavendra and Y S Varadarajan. A Study on wear behaviour of SiC filler filled Glass fiber Reinforced Epoxy Composites Advanced Materials Manufacturing, Management and Thermal Sciences (AMMMT 2013) held at SIT Tumkur.</li> <li>2. Panneerselvam K, T. Raghavendra, Jafrey Daniel D and Chandresh D. Investigation on mechanical and metallurgical characterization of sisal and banana fibers reinforced with polypropylene. AIMTDR (2016), College of Engineering Pune.</li> <li>3. Panneerselvam K, T. Raghavendra, Jafrey Daniel D and TNS Ramakrishna. Investigation on mechanical characterization and surface morphology of kenaf and jute fibers reinforced with HDPE. AIMTDR (2016), College of Engineering Pune.</li> <li>4. Panneerselvam K, T. Raghavendra, Jafrey Daniel D and K. Lokesh. Optimization of tribological properties of aramid and palm fibers reinforced with nylon hybrid composites. AIMTDR (2016), College of Engineering Pune.</li> <li>5. Raghavendra and Panneerselvam K, Tensile and thermal behaviour of hennotanic acid coated coir fibers, CDAMIES, 2018, NIT, Tiruchirapalli.</li> <li>6. Raghavendra and Panneerselvam K Characterization of henna coated palm fibers for enhanced thermal stability NCSCSTASE, NAL CSIR 2018, Bengaluru.</li> <li>7. Niranjana C. A, Vikram Kumar S. Jain, M. Sadhasivam, T. Raghavendra, Srikanth Salyan, Kishore K. S. Bhardwaj. Investigation on mechanical properties of banana fiber reinforced polypropylene composites. RDMPMC-2020, Department of Metallurgical and Materials Engineering, National Institute of Technology Jamshedpur.</li> </ol>
<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. Aravind S L		
Date of Birth	01/06/1988		
Unique ID	NIE-814		
Education Qualifications	Ph.D, M.Tech, B.Tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching :5 Years	Research : 5 Years	Industry : Nil	
Others :	Area of Specialization : Machine Design	Courses Taught at UG/PG Level : UG: FEM, Automobile Engineering, Metallurgy and Material Sciences, Machine Drawing, Engineering Mechanics, Engineering Graphics PG: Composite Materials Technology, FEA, Tribology and Bearing Design, Industrial Robotics	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: Nil	International Journals : 7	Conferences : 3
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	Nil		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	"Airbag gas generants comprising layered copper hydroxy nitrate nanosheets" (Patent No: 201741038676) - Granted		
Technology Transfer :	NIL		
Research Publications :	<ol style="list-style-type: none"> <li>Aravind, S. L., Paramashivan, S. S., &amp; Mahadevan, S. Thermo-kinetic studies of NaN<sub>3</sub>/KNO<sub>3</sub> air bag gas generant mixture. Journal of Thermal Analysis and Calorimetry, 136(5), 2183-2193 (2019). (SCI Indexed IF 2.1)</li> <li>Aravind, S. L., Paramashivan, S. S., Ramasamy, B. K., &amp; Mahadevan, S. Impact of fuel/oxidizer ratio of NaN<sub>3</sub> and KNO<sub>3</sub> airbag gas generants on toxic emission and performance. Process Safety and Environmental Protection, 133, 348-357 (2020). (SCI Indexed IF 4.3)</li> <li>Aravind, S. L., Paramashivan, S. S., Ramasamy, B. K., &amp; Mahadevan, S. Thermo-kinetic studies of Azodicarbonamide/Potassium periodate airbag gas generants .Process Safety and Environmental Protection, (Accepted, In Press) (2020). (SCI Indexed IF 4.3)</li> </ol>		


4. Jeyabalaganesh, G., S. P. Sivapirakasam, K. R. Balasubramanian, and S. L. Aravind. "Evaluation on substitution of conventional azide based fuel materials with an alternate one in an airbag system–A review." *Materials Today: Proceedings* (2020).
5. S P Sivapirakasam, HarisivasriPhanindra, Rohin Jose, Aravind, S. L. Impact sensitivity of pyrotechnics: a model based on activation energy. *Combustion, Explosion and Shock waves* (Accepted, In Press) 2020. (SCI Indexed IF 0.39)
6. M.Rahul, S.P.Sivapirakasam, B.R.Vishnu, S L Aravind, SreejithMohan. Experimental investigation on gripper force of electrically activated non-contact swirl vane gripper. *Materials Today: Proceedings* (2020)
7. Sivapirakasam, S.P., Jeyabalaganesh, G., Kumar, N.V., Aravind, S.L. and Aravind, G., 2021. Simple Method to Evaluate the Ballistic Properties for Gas Generant Compositions. *Combustion, Explosion, and Shock Waves*, 57(3), pp.299-307.

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


NIL

Faculty Profile			
Name	Dr. Abhinaba Roy		
Date of Birth	07/09/1989		
Unique ID	NIE815		
Education Qualifications	Ph.D. (Mech. Engg – NIT Karnataka) M.Tech (Manuf. Tech. – NIT Agartala) B.Tech (Mech. Engg. – KIIT University)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 1 Year 1 Months	Research :5 Years	Industry : NA	
Others : NA	Area of Specialization : MANUFACTURING	Courses Taught at UG/PG Level: MECHANICAL ENGINEERING SCIENCES, INTRODUCTION TO ENGINEERING DESIGN, MANUFACTURING TECHNOLOGY – I, MANUFACTURING TECHNOLOGY – II, COMPUTER AIDED ENGINEERING DRAWING, CAD/CAM, and GENERAL ENGINEERING PRACTICE.	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) - NA</b></li> </ul>			
No of papers Published in	National: 0	International Journals : 6	Conferences : 4
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NA		
Technology Transfer :	NA		
Research Publications :	10		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	1 No.s Development and Surface Engineering of TiNi Shape Memory Alloy, Surface Engineering of Modern Materials, Springer, Cham - 978-3-030-43231-7, 21 March 2020.		


### Faculty Profile

Name	Dr Akhil V M		
Date of Birth	25/07/1990		
Unique ID	NIE819		
Education Qualifications	B.Tech, M.Tech, PhD		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 3 yrs	Research : 5 yrs	Industry : Nill	
Others :	Area of Specialization : Machine Design	Courses Taught at UG/PG Level : UG: Mechanics of Material, Computer Aided Engineering Drawing Mechanical Engineering Science, Kinematics of Machinery PG: Rotor Dynamics ,AI	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) NA</b></li> </ul>			
No of papers Published in	National:	International Journals :6	Conferences :10
M. Tech (Completed / Ongoing) :	2		
Ph.D (Completed / Ongoing) :			
Projects Carried Out :	1		
Patents (Filed & Granted)	1		
Technology Transfer :	Nill		
Research Publications :	16		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Dr Himasree, Dr. Akhil V M “ Strength of Material”, Owl Publications ISBN:978-93-85666-88-9		


## Faculty Profile

Name	Alan Sam		
Date of Birth	27-09-1987		
Unique ID	NIE820		
Education Qualifications	PhD		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 1.5 years	Research : 0.9 years	Industry :	
Others :	Area of Specialization : Nanoscale fluid mechanics	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>Mechanical Engineering Science</li> <li>Basic Thermodynamics</li> <li>Fluid Mechanics</li> <li>CAED</li> </ul>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National:	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	NIL		
No. of Books published with details :	NIL		
(Name of Book, Publisher with ISBN, Year of publication, Etc)			

### Faculty Profile

Name	Dr. Sachin B		
Date of Birth	27/04/1990		
Unique ID	NIE822		
Education Qualifications	Ph.D. (Mech. Engg – NIT Karnataka)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 5 Years	Research :3 Years	Industry : NA	
Others : NA	Area of Specialization : MANUFACTURING	Courses Taught at UG/PG Level: MECHANICAL ENGINEERING SCIENCES, COMPUTER AIDED ENGINEERING DRAWING, COMPUTER INTEGRATED MANUFACTURING,and GENERAL ENGINEERING PRACTICE.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students) - NA</li> </ul>			
No of papers Published in	National: 0	International Journals :20	Conferences :10
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NA		
Technology Transfer :	NA		
Research Publications :	30		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	2 No.s 1. Effect of ECAE Die Angle on Microstructure Mechanical Properties and Corrosion Behavior of AZ80/91 Magnesium Alloys, In Magnesium Alloys, IntechOpen, 2020. 2. Minimum Quantity Lubrication and Cryogenic for Burnishing of Difficult to Cut Material as a Sustainable Alternative. In Sustainable Machining Strategies for Better Performance, Springer – Singapore, 2022.		

### Faculty Profile

Name	Mr. BHARATH RAJ L	
Date of Birth	19/05/1989	
Unique ID	NIE570	
Education Qualifications	B.E, M.Tech	


• **Work Experience**

Teaching : 05	Research : NIL	Industry : NIL
Others : NIL	Area of Specialization : Manufacturing Science & Engineering	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Operation Management</li> <li>2. Mechanical Engineering Sciences</li> <li>3. Metallurgy &amp; Advanced Materials</li> <li>4. Additive Manufacturing</li> <li>5. Computer Integrated Manufacturing</li> <li>6. CAED</li> </ol>


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

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

### Faculty Profile

Name	AJAY ANAND			
Date of Birth	19/06/1991			
Unique ID	NIE655			
Education Qualifications	M.Tech in Production Technology			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 5 years	Research :	Industry :		
Others :	Area of Specialization : Production Technology	Courses Taught at UG Level: Renewable Energy Technology, Fluid Mechanics, Engineering Economics, Mechanical Engineering Science, Computer Aided Engineering Drawing.		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National:	International Journals :	Conferences :	
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	Deepak P	
Date of Birth	19 August 1989	
Unique ID	NIE 573	
Education Qualifications	UG: BE (Mechanical) PG: M.Tech(Production Technology)	


• **Work Experience**

Teaching : 4 Years	Research : ---	Industry : 1 Year
Others : ---	Area of Specialization : Manufacturing	Courses Taught at UG Level : Mechanical Engineering Science, Manufacturing Technology 1, Fluid Mechanics, Total Quality Management, Introduction to Engineering Design, Computer Aided Engineering Drawing

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

No of papers Published in	National: --	International Journals : 01	Conferences : 01
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	SATISH H S	
Date of Birth	21/10/1990	
Unique ID	NIE750	
Education Qualifications	B.E (Mechanical), M.Tech (CIM)	


• **Work Experience**

Teaching : 05yrs	Research :	Industry :01yr
Others :	Area of Specialization : Computer Integrated Manufacturing	Courses Taught at UG/PG Level : CAD/CAM Control Engineering Industrial Robotics Mechatronics Hydraulics and Pneumatics Mechanical Engineering Science Computer Aided Engineering Drawing


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

No of papers Published in	National: Nil	International Journals :Nil	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	Shivaraj Dharenavar		
Date of Birth	19/02/1993		
Unique ID	NIE751		
Education Qualifications	B.E, M.Tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 4.5 Years	Research : NIL	Industry : NIL	
Others : NIL	Area of Specialization : Machine Design	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>Dynamics of Machinery</li> <li>Kinematics of Machinery</li> <li>Mechanical Engineering Science</li> <li>CAED</li> </ol>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students): NIL</b></li> </ul>			
No of papers Published in	National: NIL	International Journals : NIL	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	Sriraksha	
Date of Birth	23/06/1990	
Unique ID	NIE752	
Education Qualifications	M.Tech in Machine Design	

- Work Experience**


Teaching : 3 years	Research : NA	Industry : NA
Others : NA	Area of Specialization : Machine Design	Courses Taught at UG/PG Level : Mechanical Measurements and Metrology, Engineering Management and Entrepreneurship, Mechanical Engineering Sciences

- Research Guidance (Number of Students)**

No of papers Published in	National: 0	International Journals :1	Conferences :1
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	NA		
Projects Carried Out :			
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		

# **Electrical & Electronics Engineering**

### Faculty Profile


Name	Dr. H PRADEEPA	
Date of Birth	20-05-1980	
Unique ID	NIE073	
Education Qualifications	B.E in Electrical and Electronics Engineering M.Tech in Power and Energy System Phd	

• **Work Experience**


Teaching : 16	Research : 10	Industry :nil
Others : nil	Area of Specialization :Power systems	Courses Taught at UG/PG Level : Power System Analysis and Stability Control Systems Digital signal processing Smart Grid

• **Research Guidance (Number of Students) - 02**

No of papers Published in	National: nil	International Journals : 13	Conferences : 06
M. Sc (Completed / Ongoing) :	nil		
Ph.D (Completed / Ongoing) :	On going : Srishail K Bilgundi & Madhusudhan, AICTE-NDF scheme		
Projects Carried Out :	On going projects : 1. Centre of Excellence in Renewable Energy Sources, Battery Management System and Internet of Things, DST, Gol, Rs.96 Lakhs 2. Digital Protection Algorithms for Renewable Integrated Grid, K-STEPS, VGST, GoK, Rs.20 Lakhs		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	13 international journals and 06 conference papers published		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	nil		

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"> <li><b>Work Experience</b></li> </ul>			
Teaching : 16	Research : 10	Industry :nil	
Others : nil	Area of Specialization :Power systems	Courses Taught at UG/PG Level : 15	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students) - 01</li> </ul>			
No of papers Published in	National: nil	International Journals : 12	Conferences : 09
M. Sc (Completed / Ongoing) :	nil		
Ph.D (Completed / Ongoing) :	On going : M.Naveen kumar, 4NI19MEE02 AICTE-NDF scheme registered in 2019 working in area of BMS in Electrical vehicles		
Projects Carried Out :	On going projects : <ol style="list-style-type: none"> <li>VGST KFIST- L1 sanctioned Research project <b><i>titled "Establishment of Real time monitoring system R&amp;D Facility for efficient operation of Campus power distribution network"</i></b> with research fund Rs.20 Lakhs</li> <li>Centre of Excellence in <b><i>"Renewable Energy Sources, Battery Management Systems and Internet of Things "</i></b> with research fund of 96 lakhs by The Department of Science &amp; Technology (DST)-FIST , Government of India.</li> </ol>		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	12 international journals and 09 conference papers published		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	nil		

### Faculty Profile

Name	R Radha	
Date of Birth	2/4/1964	
Unique ID	NIE072	
Education Qualifications	M Tech	


• **Work Experience**

Teaching : 35 years	Research : -	Industry : -
Others :-	Area of Specialization : Industrial Electronics	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Linear Integrated Circuits</li> <li>2. Digital Circuits and Computer Fundamentals</li> <li>3. Power Electronics</li> <li>4. Microcontrollers</li> <li>5. Microprocessors</li> <li>6. High Frequency Switching Power Supplies</li> <li>7. DSP Architectures and Applications</li> <li>8. Advanced Microprocessors</li> <li>9. Power Electronic Applications to Drives</li> <li>10. Artificial Neural Networks</li> </ol>

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

No of papers Published in	National:	International Journals :	Conferences : 7
		9	
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. Likith Kumar M V	
Date of Birth	01/06/1989	
Unique ID	NIE 621	
Education Qualifications	M.Tech, PhD	


• **Work Experience**

Teaching :7 Years	Research :2.5 Years	Industry : - NIL
Others :	Area of Specialization :Power Systems	Courses Taught at UG/PG Level : UG: Computer Applications to Power Systems Smart Grid Basic Electrical Engineering Switchgear and Protection Transformers and Induction machines PG: Photovoltaic systems engineering Wind and solar power systems Power quality and custom power devices Distributed Generation

• **Research Guidance (Number of Students) : PG - 5**

No of papers Published in	National:	International Journals	Conferences :
		:10	07
M. Sc (Completed / Ongoing) :	Completed: 00, Ongoing: 00		
Ph.D (Completed / Ongoing) :	-		
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	B.R.Ananthapadmanabha		
Date of Birth	05-05-1970		
Unique ID	NIE742		
Education Qualifications	Ph.D from SVNIT, Surat, Gujarat		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 9	Research :5	Industry : 12	
Others :	Area of Specialization : Improved Power quality Converters for Electric Vehicle Battery Charging	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Electrical Machine Design</li> <li>2. Electric Drives</li> <li>3. Power Electronic Devices and Circuits</li> <li>4. Power electronic applications to Drives</li> <li>5. Basic Electrical Engineering</li> <li>6. High Frequency Switching Power supplies</li> </ol>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b> -----</li> </ul>			
No of papers Published in	National: ----	International Journals :7	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. Shankar Nalinakshan		
Date of Birth	02.09.1985		
Unique ID	NIE 701		
Education Qualifications	B.E., M.E, Ph.D.		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching: 7Y 8M	Research:3Y 4M	Industry: 1Y 10M	
Others:	Area of Specialization: Control Systems	Courses Taught at UG/PG Level: 1. Electrical Measurements & Instrumentation 2. Advanced Control Systems 3. Programmable Logic Controllers 4. Professional Engineering Practice 5. Engineering Management & Entrepreneurship 6. Research Methodology 7. Introduction to Engineering Design 8. Control Systems 9. Internet of Things	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students): 01</li> </ul>			
No of papers Published in	National: -	International Journals :07	Conferences: 10
M. Sc (Completed / Ongoing):	Nil		
Ph.D (Completed / Ongoing) :	01		
Projects Carried Out :	02 (NIE CRD)		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	17		
No. of Books published with details: (Name of Book, Publisher with ISBN, Year of publication, Etc)	Book Chapter: 03 1. Recent Advances in Power Electronics and Drives, "Consistency of Extended Kalman Filtering and Particle Filtering Techniques for the State Estimation of Brushless DC Motor", ISBN: 978-981-15-8586-9, Springer 2020. 2. Lecture Notes on Multidisciplinary Industrial Engineering,		


Global Challenges in Energy and Environment, "Study on the Effective Removal Of Chromium Vi via Polysulfone/Tio2 Nanocomposite Membranes and its Antifouling Property, ISBN: 978-981-13-9213-9, Springer 2019.

3. Bioprocess Engineering for A Green Environment, Recovery of Metal from Electronic Waste for Sustainable Development (Through Microbial Leaching/Bioprocesses), CRC Press Taylor & Francis Group, ISBN: 9781315232379, 2018.

## Faculty Profile

Name	Ms. SONAXI BHAGAWAN RAIKAR		
Date of Birth	08/04/1994		
Unique ID	NIE695		
Education Qualifications	M.Tech ( Power Systems )		
<ul style="list-style-type: none"> <li>● <b>Work Experience</b></li> </ul>			
Teaching : 3	Research : 1	Industry :	
Others :	Area of Specialization : Power Systems and Electric Vehicles	Courses Taught at UG/PG Level : UG: Basic Electrical Engineering, Power Systems Analysis, Control Systems 1, Power System Operation and Control, Induction Machines and Synchronous Machines PG: Power System Protection Integration of Distributed Generation to 1Power Systems Electric and Hybrid Vehicles	
<ul style="list-style-type: none"> <li>● Research Guidance (Number of Students) NA</li> </ul>			
No of papers Published in	National:	International Journals :	Conferences : 2
		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	Dr. Jayasankar V N	
Date of Birth	25/12/1987	
Unique ID	NIE746	
Education Qualifications	Ph.D. M.Tech (Power Systems) B. Tech (EEE)	


• **Work Experience**

Teaching: 2.5	Research: 4	Industry: 1.5
Others: Nil	Area of Specialization: Renewable Energy and Power Quality	Courses Taught at UG/PG Level: <b>UG Level:</b> <ul style="list-style-type: none"> <li>• Power System Analysis</li> <li>• Induction Machines and Synchronous Machines</li> <li>• Flexible AC Transmission Systems</li> <li>• Introduction to Engineering Design</li> </ul> <b>PG Level:</b> <ul style="list-style-type: none"> <li>• Power System Analysis and Stability</li> <li>• Flexible AC Transmission Systems</li> <li>• Electric and Hybrid Vehicles</li> <li>• Smart Grid Technology and Applications</li> <li>• Research Methodology</li> </ul>

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

No of papers Published in	National: Nil	International Journals: 05	Conferences: 12
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	Nil		
Projects Carried Out :	02		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	18		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	01 Book Chapter (Recent Advances in Power Electronics and Drives, Springer, Singapore, ISBN: 978-981-15-8586-9, 2021)		

### Faculty Profile

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


• **Work Experience**

Teaching : 5	Research :	Industry :
Others :	Area of Specialization : Industrial Electronics	Courses Taught at UG/PG Level : 1. Network Analysis & synthesis 2. Electrical & Electronics measurements 3. VLSI circuits 4. Introduction Engineering Design 5. Basic Electrical Engineering 6. DC Machines & Transformers

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

No of papers Published in	National:	International Journals :2	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	Dr. Gowrishankar S	
Date of Birth	22/10/1989	
Unique ID	NIE821	
Education Qualifications	M.E., Ph.D	


- Work Experience**

Teaching : 3	Research :4.5	Industry :Nil
Others :-	Area of Specialization :High Voltage Engineering	Courses Taught at UG/PG Level : Basic Electrical Engineering HVDC Transmission Research Methodology

- Research Guidance (Number of Students):2

No of papers Published in	National: 0	International Journals :3	Conferences :8
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	Nil		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	11		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

### Faculty Profile

Name	OMKAR S POWAR	
Date of Birth	04-07-1991	
Unique ID	NIE816	
Education Qualifications	PhD	


• **Work Experience**

Teaching :9 months	Research :3.8 years	Industry :nil
Others :nil	Area of Specialization : Signal processing	Courses Taught at UG/PG Level : UG: 1) Signals and system 2) Basic Electrical PG: 1) Process Control and Instrumentation

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

No of papers Published in	National: -	International Journals : 3	Conferences :2
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NA		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	<p><u>Journals</u></p> <ol style="list-style-type: none"> <li>1) A novel pre-processing procedure for enhanced feature extraction and characterization of electromyogram signals</li> <li>2) Dynamic time warping for reducing the effect of force variation on myoelectric control of hand prostheses</li> <li>3) Reducing the effect of wrist variation on pattern recognition of Myoelectric Hand Prostheses Control through Dynamic Time Warping</li> </ol> <p><u>Conferences</u></p> <ol style="list-style-type: none"> <li>1) Feature selection for myoelectric pattern recognition using two channel surface electromyography signals</li> <li>2) Comparison of Pre-Processing Filters on the Performance of sEMG based Pattern Recognition</li> </ol>		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

### Faculty Profile

Name	Dr. Rohit K Mathew	
Date of Birth	31/07/1987	
Unique ID	NIE 823	
Education Qualifications	PhD	


• **Work Experience**

Teaching : 5 Years	Research :05 Years	Industry : -
Others :	Area of Specialization : Power & Energy Systems	Courses Taught at UG/PG Level : UG: Energy Auditing and Management Smart Grid Non-Conventional Energy Sources Power Systems Basic Electrical Engineering Instrumentation Techniques PG: Research Methodology Electrical Power Distribution Automation and Control

• **Research Guidance (Number of Students) : PG - 02**

No of papers Published in	National:	International Journals :	Conferences :
		03	06
M. Sc (Completed / Ongoing) :	Completed: 01 , Ongoing: 01		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	01		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	09		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

### Faculty Profile

Name	Dr.H.V.SAIKUMAR	
Date of Birth	16.03.1959	
Unique ID	2011 8801 9669	
Education Qualifications	B.E., M.Tech (IITM)., Ph.D(IISc)	


• **Work Experience**

Teaching : 36 Years	Research : 20 Years	Industry : Nil
Others :	Area of Specialization : Power Systems	Courses Taught at UG/PG Level : UG Level Subjects: <ol style="list-style-type: none"> <li>1. Control Systems</li> <li>2. Advanced Control Systems(UG &amp; PG)</li> <li>3. Power System Operation &amp; Control</li> <li>4. Power System Analysis &amp; stability</li> <li>5. Signals &amp; Systems</li> <li>6. Electrical &amp; Electronic Measurements</li> <li>7. Network analysis &amp; synthesis</li> <li>8. Basic Electrical engineering</li> <li>9. Power Electronics</li> <li>10. Power System Dynamics &amp; Control (PG)</li> <li>11. FACTS Controllers (UG &amp; PG)</li> <li>12. Electrical Machines I &amp; II (UG)</li> </ol>

• **Research Guidance (Number of Students) Presently guiding one candidate**

No of papers Published in	National Journals: 2	International Journals : 4 including one IEEE Transactions	Conferences : 1. National: 9 2. International:9
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Ongoing) :	One		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	24		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

### Faculty Profile

Name	Dr. Gurumurthy S R	
Date of Birth	15/06/1961	
Unique ID	NIE796	
Education Qualifications	PhD	


• **Work Experience**

Teaching: One year	Research:15 Years	Industry:20 Years
Others:	Area of Specialization: Power Electronics, Drives and Embedded Systems	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Electrical and Analog Electronic circuits</li> <li>2. DSP Architecture and Applications</li> <li>3. Power Electronics</li> <li>4. Embedded Systems</li> </ol>

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

No of papers Published in	National: 0	International Journals :4	Conferences :9
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	Ms.Hema J	
Date of Birth	09/01/1993	
Unique ID	NIE692	
Education Qualifications	BE,M Tech	


• **Work Experience**

Teaching : 3.5 years	Research :0	Industry :0
Others :	Area of Specialization : POWER SYSTEMS	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Basic Electrical Engineering</li> <li>2. Renewable Energy Sources</li> <li>3. Switchgear and Protection</li> <li>4. Electrical Power Generation and Transmission</li> <li>5. Power Distribution Planning and Control</li> <li>6. Electric Power Quality</li> <li>7. Power Quality and Custom Power Devices</li> <li>8. Advanced Power system protection</li> <li>9. Power Quality and Custom Power devices</li> <li>10. Electrical Power Distribution automation and Control</li> </ol>

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

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

### Faculty Profile

Name	Arshia Tabassum	
Date of Birth	12-10-1995	
Unique ID	NIE781	
Education Qualifications	BE, M.Tech	


• **Work Experience**

Teaching : 2 Years	Research : -	Industry : -
Others : -	Area of Specialization : CAID	Courses Taught at UG/PG Level: BEE, SGP, WSN, DE

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

No of papers Published in	National: -	International Journals : 1	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	Reshma P	
Date of Birth	12-05-1992	
Unique ID	NIE856	
Education Qualifications	B.E , M.Tech (Ph.D.)	


• **Work Experience**

Teaching : 4	Research : 2	Industry : 6 Months
Others :	<p>Area of Specialization</p> <p>B.E: Electrical &amp; Electronics (FC)</p> <p>M.Tech : Power Electronics (FCD)</p> <p>Ph.D : Electric Vehicles</p>	<p>Courses Taught at UG/PG Level:</p> <p>PG: Switch Mode Power Supply Modeling Of Electrical Machine Apparatus</p> <p>UG: Microcontrollers Microcontrollers Lab Basic Electrical Engineering Basic Electrical Engineering Lab Transmission and Distribution Testing and Commissioning of Power System Apparatus Renewable Energy Source</p>

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

No of papers Published in	National: -NA-	International Journals : 1	Conferences : -NA-
M. Sc (Completed / Ongoing) :	-NA-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	<p>M.Tech: High voltage gain for grid-tied applications using interfaced buck-boost-derived fly back converter approach with single switch.</p> <p>B.E: Automatic Green House Management System Using Zigbee.</p>		
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	SHWETHA M	
Date of Birth	10-02-1994	
Unique ID	NIE855	
Education Qualifications	B.E , M.Tech (Ph.D.)	


• **Work Experience**

Teaching : 1	Research : 8 Months	Industry : 6 Months
Others :	Area of Specialization B.E: Instrumentation Technology (FCD) M.Tech : Industrial Electronics (FCD) Ph.D : Electronics (Underwater Acoustic Sensor Networks)	Courses Taught at UG/PG Level: PG: Wireless sensor Networks UG: Analog Electronic Circuits Linear Integrated Circuits

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

No of papers Published in	National: -NA-	International Journals : 1	Conferences : -NA-
M. Sc (Completed / Ongoing) :	-NA-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	M.Tech : Design and Implementation of Supervisory Control and Data Acquisition system for Vehicle Industry. B.E: Hand Gesture Controlled Robot		
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	Athulya M.T.	
Date of Birth	29/05/1991	
Unique ID	NIE580	
Education Qualifications	M.Tech in Power Electronics from Amrita School of Engineering Bangalore B.Tech in Electrical and Electronics Engineering from Mar Baselious College of Engineering & Technology, Trivandrum, Kerala	


• **Work Experience**

Teaching : 2	Research :0	Industry :4 months
Others :	Area of Specialization :Power Electronics	Courses Taught at UG/PG Level : Basic Electrical Engineering, Electrical Energy Management, Power Electronics, Electrical Measurements and Instrumentation, Embedded Systems, Process control and Instrumentation

• **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	SHREE HARSHITHA H M	
Date of Birth	02-05-1994	
Unique ID	NIE860	
Education Qualifications	BE-ELECTRICAL AND ELECTRONICS ENGINEERING(NIE) M.TECH-COMPUTER APPLICATIONS IN INDUSTRIAL DRIVES(MSRIT)	


• **Work Experience**

Teaching :	Research :	Industry: 6 MONTHS
Others :	Area of Specialization :	Courses Taught at UG/PG Level :

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

No of papers Published in	National:	International Journals :	Conferences :1
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	SANDHYA RANI D N	
Date of Birth	18-01-1991	
Unique ID	NIE653	
Education Qualifications	M.Tech (Power Systems) – FCD B.E.(EEE) - FC	


• **Work Experience**

Teaching : 02	Research : -	Industry : -
Others : -		

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

No of papers Published in	National: -	International Journals : -	Conferences : 01
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	SARITHA M	
Date of Birth	18-09-1991	
Unique ID	NIE527	
Education Qualifications	B.E , M.Tech (Ph.D.)	


• **Work Experience**

Teaching : 2	Research :3	Industry :0
Others :	<p>Area of Specialization</p> <p>B.E: Electrical &amp; Electronics (FCD)</p> <p>M.Tech : Power System Engineering (FCD)</p> <p>Ph.D : Power Quality</p>	<p>Courses Taught at UG/PG Level:</p> <p>PG: Economic Operation of Power Systems</p> <p>UG:Basic Electrical Engineering Electrical Measurements and Instrumentations High Voltage Engineering Modern Power System Protection Introduction to Engineering Design</p>

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

No of papers Published in	National: 1	International Journals :2	Conferences :3
M. Sc (Completed / Ongoing) :	-NA-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	<p>M.Tech: Effect of DBDS on DC Resistant of Paper Oil Insulation System.</p> <p>B.E: Simulation of Solid Oxide Fuel Cell Connected to Three Phase Power System</p>		
Patents (Filed & Granted)	-NA-		
Technology Transfer :	-NA-		
Research Publications :	6		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-NA-		

### Faculty Profile

Name	SHILPASHREE M S	
Date of Birth	14-05-1986	
Unique ID	NIE879	
Education Qualifications	B.E , M.Tech	


• **Work Experience**

Teaching :3	Research :0	Industry :3.5
Others :	<b>Area of Specialization</b> B.E: Electronics and Communication (FC)  M.Tech :Signal Processing (FCD)	<b>Courses Taught at UG/PG Level:</b> PG:Data Communication Networks, Audio & Speech processing  UG:Basic Electronics Engineering Signals & systems Real time systems Logic Design Cryptography

• **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) :	-NA-		
Projects Carried Out :	M.Tech: B.E:		
Patents (Filed & Granted)	-NA-		
Technology Transfer :	-NA-		
Research Publications :	2		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-NA-		

### Faculty Profile

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

• **Work Experience**


Teaching : 8 Years	Research : NIL	Industry : NIL
Others :	Area of Specialization B.E: Electrical & Electronics (FCD) M.Tech : VLSI Design & Embedded Systems (FCD)	Courses Taught at UG/PG Level: UG: Microcontrollers Basic Electrical Engineering Power System Analysis & Stability Signals & Systems VLSI Circuits and Design Operational Amplifiers and Linear IC's Control Systems Embedded Systems Computer Aided Electrical Drawing

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


No of papers Published in	National: -5-	International Journals : 4	Conferences : 6
M. Sc (Completed / Ongoing) :	-NA-		
Ph.D (Completed / Ongoing) :	-NA-		
Projects Carried Out :	B.E: An Intelligent And Automated Drip Irrigation System Using WSN Real Time Communication for Deaf People using IOT Cricket Ground Moisture Controller Using LoRa Protocol		
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-		

# **Electronics & Communication Engineering**


### Faculty Profile


<b>Name</b>		Dr. Narasimha Kaulgud			
<b>Date of Birth</b>		16-01-1964			
<b>Unique ID</b>		NIE498			
<b>Educational Qualification</b>		Ph. D			
<b>Work Experience</b>					
Teaching: 22 Years		Research: 21 Years		Industry: 10 Years	
<b>Others:</b>	<b>Area of Specialisation</b>	Image Processing, Parallel Processing Etc.		<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>					
<b>No. of Papers Published in</b>		<b>National Journal: -</b>		<b>International Journal: 3</b>	
				<b>Conferences: 6</b>	
<b>M. Sc (Completed / Ongoing):</b>		Nil			
<b>Ph. D (Completed / Ongoing):</b>		Completed: 1 , Ongoing: 3			
<b>Projects Carried Out:</b>					
<b>Patents (Filed &amp; Granted)</b>		Nil			
<b>Technology Transfer:</b>					
<b>Research Publications:</b>		9 (Most Recent)			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		<b>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</b>			

### Faculty Profile


<b>Name</b>		Mr. Anand Srivatsa		
<b>Date of Birth</b>		15-05-1970		
<b>Unique ID</b>		NIE510		
<b>Educational Qualification</b>		M. S (Ph. D)		
<b>Work Experience</b>				
Teaching: 4 Years		Research: 2 Years		Industry: 19 Years
<b>Others:</b>	<b>Area of Specialisation</b>	Software Engineering	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>	<b>International Journal: -</b>		<b>Conferences: -</b>
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	-			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>				

### Faculty Profile


<b>Name</b>		Dr. Roopa K		
<b>Date of Birth</b>		27-12-1968		
<b>Unique ID</b>		NIE705		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: Years		Research: Years	Industry: Years	
<b>Others:</b>	<b>Area of Specialisation</b>	Image Processing	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal: -</b>	<b>International Journal: 5</b>	<b>Conferences: 6</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -		
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		11		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-		

Faculty Profile				
<b>Name</b>		Dr. Shashidhara H R		
<b>Date of Birth</b>		26-03-1978		
<b>Unique ID</b>				
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 19 Years		Research: 9 Years		Industry:
<b>Others:</b>	<b>Area of Specialisation</b>	VLSI Design	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal: -</b>	<b>International Journal: 9</b>	<b>Conferences: 17</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: 0 , Ongoing: 1		
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		26		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		a. <b>“VLSI and Embedded System - “Introduction to System on Chip”,</b> Interline Publisher copyright ©, 2016 b. <b>“Design and Implementation of Argo NI-NoC Micro-architecture for MPSoC Using GALS Architecture”,</b> Emerging Trends in Electrical, Communications, and Information Technologies, Springer, Singapore, Year :2020, pp.:451-463 c. <b>“Verification of Multimodal Biometric- IRIS, Finger and Palm using different algorithms”,</b> Intelligent Multidimensional Data and Image Processing, IGI global, Chapter No.:7, Year : 2018, pp.:147-193 d. <b>“Deadlock Recovery for NOC Using Modified Encoding Scheme”,</b> Recent Findings in Intelligent Computing Techniques, Springer, Singapore, Chapter 35, Dol:978-981-10-8632-8, 456779_1_En (35), Year :2018, pp.:351-359.		


### Faculty Profile

<b>Name</b>		Dr. S Parameshwara		
<b>Date of Birth</b>		25-07-1971		
<b>Unique ID</b>		NIE080		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 20 Years		Research: 10 Years	Industry: 2 Years	
<b>Others:</b>	<b>Area of Specialisation</b>	Nano Electronics, Robotics	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal:</b>	<b>International Journal:</b>	<b>Conferences: 7</b>
			4	
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -		
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		11		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-		

### Faculty Profile

<b>Name</b>		Dr. C. Anjanappa		
<b>Date of Birth</b>		22-07-1972		
<b>Unique ID</b>		NIE081		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 21 Years		Research: 10 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Medical Image Processing	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: 1</b>	<b>International Journal: 9</b>	<b>Conferences: 2</b>	
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: 0 , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	12			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			


### Faculty Profile

<b>Name</b>		Dr. Rajalekshmi Kishore		
<b>Date of Birth</b>		06-10-1981		
<b>Unique ID</b>		NIE802		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 8 Years		Research: 7 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Communication Systems	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal: -</b>	<b>International Journal: 4</b>	<b>Conferences: 9</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -		
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		13		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		<b>"A Comprehensive Survey on Recent Advancements in Cognitive Radio-based Internet of Things,"</b> Advanced Computing and Communications, Vol. 4, No. 2, pp. 00-00, Jun. 2020. A Quarterly Publication of ACCS 2020.		


### Faculty Profile

<b>Name</b>		Mr. M.K. Vishwanath		
<b>Date of Birth</b>		01-03-1979		
<b>Unique ID</b>		NIE082		
<b>Educational Qualification</b>		M. Tech		
<b>Work Experience</b>				
Teaching: 16 Years		Research: 3 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Bio-Medical Instrumentation	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal: -</b>	<b>International Journal: 3</b>	<b>Conferences: -</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: 0 , Ongoing: 3		
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		3		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-		


### Faculty Profile

<b>Name</b>		Dr. Nagaraju C		
<b>Date of Birth</b>		01-11-1978		
<b>Unique ID</b>		NIE567		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 16 Years		Research: 7 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Medical Image Processing	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal: 2</b>	<b>International Journal: 11</b>	<b>Conferences: 11</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: 0 , Ongoing: 3		
<b>Projects Carried Out:</b>		"Self-Stabilizing medical devices for Parkinson's disorder" funded by KSCST.		
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		24		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-		


### Faculty Profile

<b>Name</b>		Ms. Kavitha S S		
<b>Date of Birth</b>		25-05-1987		
<b>Unique ID</b>		NIE363		
<b>Educational Qualification</b>		M. Tech (Ph. D)		
<b>Work Experience</b>				
Teaching: 9 Years		Research: 2 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	VLSI Design and Embedded Systems	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>		<b>International Journal: 5</b>	<b>Conferences: 5</b>
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	10			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			


### Faculty Profile

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


### Faculty Profile

<b>Name</b>		Mr. Puneeth S		
<b>Date of Birth</b>		10-07-1989		
<b>Unique ID</b>		NIE414		
<b>Educational Qualification</b>		M. Tech (Ph. D)		
<b>Work Experience</b>				
Teaching: 7 Years		Research: 2 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	VLSI Design and Embedded systems	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal:</b>	<b>International Journal:</b>	<b>Conferences: 1</b>	
		2		
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	3			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			


### Faculty Profile

<b>Name</b>		Mr. Pavankumar Bandoji		
<b>Date of Birth</b>		08-01-1991		
<b>Unique ID</b>		NIE643		
<b>Educational Qualification</b>		M. Tech		
<b>Work Experience</b>				
Teaching: 3 Years		Research: -	Industry: -	
<b>Others:</b>	<b>Area of Specialisation</b>	Communication and Signal Processing	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>	<b>International Journal: 1</b>	<b>Conferences: -</b>	
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	1			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			

### Faculty Profile

<b>Name</b>		Ms. Sharmila B S		
<b>Date of Birth</b>		24-04-1989		
<b>Unique ID</b>		NIE526		
<b>Educational Qualification</b>		M. Tech (Ph. D)		
<b>Work Experience</b>				
Teaching: 5 Years		Research: 2 Years		Industry: 1 Year 6 Months
<b>Others:</b>	<b>Area of Specialisation</b>	VLSI Design and Embedded systems	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>	<b>International Journal: 2</b>	<b>Conferences: 2</b>	
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	4			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			


### Faculty Profile

<b>Name</b>		Dr. Vijay B T		
<b>Date of Birth</b>		20-03-1989		
<b>Unique ID</b>		NIE734		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 2 Years		Research: 5 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Wireless Networks	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>		<b>International Journal: 4</b>	<b>Conferences: 6</b>
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>	Virtual Lab, funded by IIT Bombay			
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	10			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			


### Faculty Profile

<b>Name</b>		Ms. Deepthi M S		
<b>Date of Birth</b>		13-04-1991		
<b>Unique ID</b>		NIE737		
<b>Educational Qualification</b>		M. Tech		
<b>Work Experience</b>				
Teaching: 3 Years		Research: 1 Year		Industry: 1 Year 6 Months
<b>Others:</b>	<b>Area of Specialisation</b>	Industrial Electronics	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>	<b>International Journal: 1</b>	<b>Conferences: -</b>	
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	1			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			


### Faculty Profile

<b>Name</b>		Ms. Remya Jayachandran		
<b>Date of Birth</b>		01-08-1986		
<b>Unique ID</b>		NIE750		
<b>Educational Qualification</b>		M. Tech (Ph. D)		
<b>Work Experience</b>				
Teaching: 3 Years		Research: 6 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	VLSI Design and Analog circuits	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal:</b>	<b>International Journal: 3</b>	<b>Conferences: 2</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -		
<b>Projects Carried Out:</b>		5 Days Workshop Organized under ATAL (AICTE Training and Learning) 20-07-2021		
<b>Patents (Filed &amp; Granted)</b>		Indian Patent: <b>N-stage OTA buffer amplifiers with unity gain and high input dynamic range and tuneable gain for driving large resistive load</b> (Published in Indian Patent journal April 2019, Application Number: 201741035499) Inventors: <b>Remya Jayachandran, P C Subramaniam.</b>		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		5		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-		


### Faculty Profile

<b>Name</b>		Ms. Shruthi R		
<b>Date of Birth</b>		09-07-1990		
<b>Unique ID</b>		NIE649		
<b>Educational Qualification</b>		M. Tech		
<b>Work Experience</b>				
Teaching: 4 Years		Research: -		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Digital Electronics and Communication Systems		<b>Courses Taught at UG / PG Level</b>
Both UG & PG Courses				
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal: -</b>		<b>International Journal: -</b>
<b>Conferences: 3</b>				
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -		
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		3		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-		


### Faculty Profile

<b>Name</b>		Dr. RAGHU J.		
<b>Date of Birth</b>		22-04-1990		
<b>Unique ID</b>		NIE813		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 3 Years		Research: 6 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Radar Target Tracking	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>	<b>International Journal: 1</b>	<b>Conferences: -</b>	
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	1			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	-			


### Faculty Profile

<b>Name</b>		Dr. Yajunath Kaliyath		
<b>Date of Birth</b>		12-08-1988		
<b>Unique ID</b>		NIE818		
<b>Educational Qualification</b>		Ph. D		
<b>Work Experience</b>				
Teaching: 2 Years		Research: 6 Years		Industry: -
<b>Others:</b>	<b>Area of Specialisation</b>	Analog VLSI	<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>		<b>National Journal:</b>	<b>International Journal: 1</b>	<b>Conferences: 1</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -		
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>				
<b>Research Publications:</b>		2		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-		


### Faculty Profile

<b>Name</b>		Ms. Mythri R			
<b>Date of Birth</b>		25-01-1994			
<b>Unique ID</b>		NIE772			
<b>Educational Qualification</b>		M. Tech			
<b>Work Experience</b>					
Teaching: 2 Years		Research: -		Industry: -	
<b>Others:</b>	<b>Area of Specialisation</b>	Industrial Electronics		<b>Courses Taught at UG / PG Level</b>	Both UG & PG Courses
<b>Research Guidance (Number of Students)</b>					
<b>No. of Papers Published in</b>		<b>National Journal:</b>		<b>International Journal:</b>	
				1	
<b>M. Sc (Completed / Ongoing):</b>		Nil			
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>					
<b>Patents (Filed &amp; Granted)</b>		Nil			
<b>Technology Transfer:</b>					
<b>Research Publications:</b>		3			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		-			


### Faculty Profile

<b>Name</b>		Ms. Harini R		
<b>Date of Birth</b>		18-02-1992		
<b>Unique ID</b>		NIE756		
<b>Educational Qualification</b>		M. Tech		
<b>Work Experience</b>				
Teaching: 3 Years		Research: -	Industry: -	
<b>Others:</b>	<b>Area of Specialisation</b>	Bio-Medical Signal Processing & Instrumentation	<b>Courses Taught at UG / PG Level</b>	UG Courses
<b>Research Guidance (Number of Students)</b>				
<b>No. of Papers Published in</b>	<b>National Journal: -</b>	<b>International Journal: -</b>	<b>Conferences: -</b>	
<b>M. Sc (Completed / Ongoing):</b>	Nil			
<b>Ph. D (Completed / Ongoing):</b>	Completed: - , Ongoing: -			
<b>Projects Carried Out:</b>				
<b>Patents (Filed &amp; Granted)</b>	Nil			
<b>Technology Transfer:</b>				
<b>Research Publications:</b>	-			
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>	<b>"Basic Electronics"</b> , Dr. S R Bhagyashree, Guruprasad K N, Pradeep Kumar Y, Shalini V S, <b>Harini R</b> , <b>Notion Press, 2021</b>			


### Faculty Profile

<b>Name</b>		Bhavana K		
<b>Date of Birth</b>		22-02-1998		
<b>Unique ID</b>		NIE		
<b>Educational Qualification</b>		M.Tech		
<b>Work Experience: Nil</b>				
Teaching: Nil		Research: Nil		Industry: 6 Months
<b>Others:</b>	<b>Area of Specialisation</b>	Networking and Internet Engineering	<b>Courses Taught at UG / PG Level</b>	UG Level
<b>Research Guidance (Number of Students) NIL</b>				
<b>No. of Papers Published in</b>		<b>National Journal: Nil</b>	<b>International Journal: 1</b>	<b>Conferences: Nil</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: Nil, Ongoing: Nil		
<b>Projects Carried Out:</b>		Nil		
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>		Nil		
<b>Research Publications:</b>		Nil		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		Nil		

### Faculty Profile

<b>Name</b>		Lavanya M S		
<b>Date of Birth</b>		22-11-1993		
<b>Unique ID</b>		NIE839		
<b>Educational Qualification</b>		M.Tech		
<b>Work Experience: 2 years</b>				
Teaching: 2 years		Research: 1 year		Industry: 8 Months
<b>Others:</b>	<b>Area of Specialisation</b>	Industrial Electronics	<b>Courses Taught at UG / PG Level</b>	UG level
<b>Research Guidance (Number of Students) Nil</b>				
<b>No. of Papers Published in</b>		<b>National Journal: Nil</b>	<b>International Journal: Nil</b>	<b>Conferences: 1</b>
<b>M. Sc (Completed / Ongoing):</b>		Nil		
<b>Ph. D (Completed / Ongoing):</b>		Completed: - , Ongoing: -		
<b>Projects Carried Out:</b>		Nil		
<b>Patents (Filed &amp; Granted)</b>		Nil		
<b>Technology Transfer:</b>		Nil		
<b>Research Publications:</b>		1		
<b>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</b>		Nil		


Faculty Profile			
Name	Sobia Naz		Photo Size 2
Date of Birth	24-11-1986		
Unique ID	883		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 4+	Research : 3+	Industry :	
Others :	Area of Specialization : Medical Image Processing	Courses Taught at UG/PG Level : Basic Electronics, Biomedical Signal Processing, Digital image processing.	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) Nil</b></li> </ul>			
No of papers Published in	National:	International Journals :2	Conferences :
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :			
Research Publications :	<ol style="list-style-type: none"> <li><b>Glaucoma Detection :An approach using hybrid texture descriptors”</b> ,TEST Engineering and Management. Vol.83,ISSN:0193-4120.July-August 2020.</li> <li><b>EFPT-OIDS: Evaluation Framework for a Pre-processing Techniques of Automatic Optho-Imaging Diagnosis and Detection System</b>, “<u>International Journal of Advanced Computer Science and Applications</u>” Vol.12,ISSN: 2156-5570 .November 2021.</li> </ol>		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile			
Name	ANUPAMA B C		
Date of Birth	05-Feb-1995		
Unique ID	NIE-749		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 3.5	Research : 2	Industry : Nil	
Others : Nil	Area of Specialization : Digital image processing and Signal Processing	Courses Taught at UG/PG Level : 1. Electronics fundamentals 2. Operating system 3. Advance communication and coding theory 4. Antenna and wave propagation 5. Digital image processing	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) : Nil</b></li> </ul>			
No of papers Published in	National: 0	International Journals : 1	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 :	<b>Journal Publication:</b> 1. "Performance Analysis of Learning Algorithms for Automated Detection of Glaucoma", Anupama B C and Sheela N Rao,		


	<p>International Research Journal of Engineering and Technology (IRJET), Vol 6, Issue 6, June 2019.</p> <p><b>Conference Proceedings:</b></p> <ol style="list-style-type: none"> <li>1. "Performance Analysis of Hybrid Features for Automated Detection of Glaucoma", Sheela N, Anupama B C, National Conference of ISOI, June 2018.</li> <li>2. "A Hybrid Model to Ensure Biosecurity during Pandemic Situations Using OpenCV", Syeda Arbeena Kausar, Roopa K, Kaushik S Arakalgud and Anupama B C, International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCCEBS) 2021 Coimbatore, India.</li> </ol>
<p>No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>Nil</p>

# **Industrial & Production Engineering**

**DEPARTMENT OF INDUSTRIAL & PRODUCTION ENGINEERING  
NIE, MYSURU**

Faculty Profile			
Name	Dr. K M SUBBAIAH		
Date of Birth	10-07-1962		
Unique ID	NIE089		
Education Qualifications	<b>B.E.</b> , in Industrial and Production Engineering (University of Mysuru) <b>M.E.</b> , in Engineering Management (University of Mysuru) <b>M.Tech</b> , in Industrial Management (IIT, Madras) <b>Ph.D</b> in Composite Materials (VTU, Belagavi)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 35	Research : 14	Industry :	
Others :	Area of Specialization : Composite Materials	Courses Taught at UG/PG Level : <b>UG:</b> Operations Research / Operations Management <b>PG:</b> Industrial Design & Ergonomics / Advanced Operations Research	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students)06</li> </ul>			
No of papers Published in	National: 06	International Journals : 15	Conferences : 30
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	06 – On going		
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	<b>Dr. H N DIVAKAR</b>	
Date of Birth	26/07/1967	
Unique ID	NIE087	
Education Qualifications	<b>B.E,</b> in Industrial and Production Engineering (University of Mysuru) <b>M.Tech,</b> in Maintenance Engineering (University of Mysuru) <b>Ph.D</b> in Industrial coatings (Jadavpur University)	

• **Work Experience**


Teaching : 26	Research : 19	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

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

No of papers Published in	National: 02	International Journals :	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 :	10		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile			
Name	Dr. Y S VARADARAJAN		
Date of Birth	28/04/1963		
Unique ID	NIE088		
Education Qualifications	B.E in Mechanical Engineering M.Tech in Machine Tools Ph.D in Machinability studies		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 35	Research : 18	Industry :	
Others :	Area of Specialization : <ul style="list-style-type: none"> <li>Characterization of materials</li> <li>Machinability studies</li> </ul>	Courses Taught at UG/PG Level : UG : Engineering Thermodynamics, Fluid Mechanics & Machinery, Manufacturing Technology, Composite materials, Computer aided Engineering drawing PG: Material Removal Process, Joining of materials Advanced Materials & Processes	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 5	International Journals : 20	Conferences : 35
M. Sc (Completed / Ongoing) :	Completed - 01		
Ph.D (Completed / Ongoing) :	Completed – 02 Ongoing - 05		
Projects Carried Out :	02		
Patents (Filed & Granted)	Granted - 1		
Technology Transfer :	Nil		
Research Publications :	20		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile

Name	<b>Dr. M. MOHAN RAM</b>	
Date of Birth	01/01/1963	
Unique ID	NIE090	
Education Qualifications	<p><b>B.E,</b> in Industrial and Production Engineering (University of Mysuru)</p> <p><b>M.Tech,</b> in Engineering Management (University of Mysuru)</p> <p><b>Ph.D</b> in Labour productivity and energy efficiency in MSMEs (IITBombay)</p>	


• **Work Experience**

Teaching : 33	Research : 13	Industry :
Others :	Area of Specialization :	Courses Taught at UG/PG Level : Mechanical Engineering Sciences, Computer Aided Engineering Drawing, Manufacturing Processes, Design of machine Elements, Operations Research, Operations Management, Marketing Management, Organizational Behaviour, Entrepreneurship and Management

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

No of papers Published in	National: 04	International Journals : 02	Conferences : 25
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing - 03		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	35		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

Faculty Profile


Name	<b>Dr. A SHAILESH RAO</b>	
Date of Birth	14 <sup>th</sup> November 1975	
Unique ID	NIE 723	
Education Qualifications	<b>B.E.</b> in Industrial and Production Engineering (Mangalore University) <b>M.Tech</b> , in Computer Integrated Manufacturing (VTU, Belagavi) <b>Ph.D</b> – Investigation on Melt flow Behavior in Centrifugal Casting (NITK, Surathkal)	

• **Work Experience**


Teaching : 21	Research : --	Industry : 03
Others :	<b>Area of Specialization:</b> Characterization of Materials during Machining Process	<b>Courses Taught at UG/PG Level:</b> Theory of Machines, Strength of Materials, Micro Machining, Advanced Manufacturing Process, Material Removal Processes, Additive Manufacturing

• **Research Guidance (Number of Students) : 03 (Completed ), 02 (on progress)**

No of papers Published in	National: -	International Journals: 19	Conferences: 13
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	03 (Completed), 02 (on progress)		
Projects Carried Out :	01		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	<b>19</b> (International Journal) and <b>13</b> (National/International conference)		
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	NIE552		
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"> <li><b>Work Experience</b></li> </ul>			
Teaching : 10	Research :05	Industry :	
Others :	Area of Specialization : Characterisation of Polymer Composites, Biodegradable Composites.	Courses Taught at UG/PG Level : Mechanics of Materials, Finite Element Method, Machine Drawing, Kinematics of Machines, Design of Machine Element I, Composite Materials, Mechanical Engineering Science, Dynamics of Machines, Introduction to Engineering Design	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 1	International Journals :5	Conferences :7
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	<ol style="list-style-type: none"> <li>Basavarajappa, S., Yadav, S. M., Kumar, S., &amp; Arun, K. V. (2011). Abrasive wear behavior of granite-filled glass-epoxy composites by SiC particles using statistical analysis. <i>Polymer-plastics technology and engineering</i>, 50(5), 516-524.</li> <li>Yadav, S. M., Arun, K. V., Basavarajappa, S., &amp; Kumar, S. (2011). Collapse mechanism of foam cored sandwich structures under compressive load. <i>Polymer-Plastics Technology and Engineering</i>, 50(13), 1351-1356.</li> <li>Kumar, S., Shamprasad, M. S., Varadarajan, Y. S., &amp; Sangamesha, M. A. (2021). Coconut coir fiber reinforced polypropylene composites: Investigation on fracture toughness and mechanical properties. <i>Materials Today: Proceedings</i>.</li> <li>Shamprasad, M. S., &amp; Varadarajan, Y. S. (2021, February). Mechanical properties of natural fiber reinforced polylactide composites: A review. In <i>IOP Conference Series: Materials Science and Engineering</i> (Vol. 1065, No. 1, p. 012001). IOP Publishing.</li> <li>Suhas K S1 , Santosh Kumar2 (2020, May) 'Scrap Loss Reduction using Root Cause Analysis' International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) Volume 9, Issue 5, P3373</li> </ol>		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

### Faculty Profile

Name	<b>Mrs. RASHMI S N</b>	
Date of Birth	20 – 07 - 1987	
Unique ID	NIE347	
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 : 6.5	Research : -	Industry : -
Others : -	Area of Specialization : Additive Manufacturing	Courses Taught at UG/PG Level : <b>UG:</b> Fluid Power Systems, Control Engineering, Product Design and Development, Total Quality Management, Concurrent Engineering Mechanics of Materials, Manufacturing Process III, Project Management, Digital Manufacturing. <b>PG:</b> Industrial Robotics, Advanced Joining of Materials, Advanced Material Processing.

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

No of papers Published in	National: -	International Journals : - 1	Conferences : -
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	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	<b>Mrs. NANDINI T S</b>	
Date of Birth	07/10/1978	
Unique ID	NIE282	
Education Qualifications	<p><b>BE in Industrial Engineering and Management</b></p> <p>M. Sc Engineering by Research "<b>Lean Manufacturing System and its Application for the Production Industry with the help of Value Stream Mapping</b>"</p> <p>Ph.D (Pursuing): "<b>Integration of Lean principles and Agile Manufacturing for efficient supply chain management</b>"</p>	


• **Work Experience**

Teaching : 11	Research : 05	Industry : 05
Others :	Area of Specialization : Supply Chain and Lean Manufacturing	<p>Courses Taught at UG/PG Level :</p> <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>

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

No of papers Published in	National:	International Journals : 01	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 :	-Nil-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-Nil-		

Faculty Profile

Name	<b>Mrs. B M LATHA</b>	
Date of Birth	26.01.1977	
Unique ID	NIE284	
Education Qualifications	BE in Industrial & Production Engineering M.Tech in engineering management Ph.D (Pursuing)	


• **Work Experience**

Teaching : 18	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 :01	Conferences :02
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	On going		
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	<b>MAADHU G</b>	
Date of Birth	20/10/1987	
Unique ID	NIE397	
Education Qualifications	B.E., M.Tech, PhD (Pursuing)	


• **Work Experience**

Teaching : 08	Research : 4 years	Industry : 2 years
Others: Industry Experience - <b>2 years.</b>	Area of Specialization : <b>Design and Thermal</b>	Courses Taught at UG/PG Level : UG Courses: <b>Kinematics of Machines, Dynamics of Machines, Mechanical Vibrations.</b> PG Courses: <b>Research Methodology, Finite Element Methods.</b>

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

No of papers Published in	National: Nil	International Journals : Nil	Conferences : Nil
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	1		
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	<b>Dr. Charitha M Rao</b>	
Date of Birth	<b>01/10/1989</b>	
Unique ID	<b>NIE842</b>	
Education Qualifications	<b>Ph.D.</b>	

- Work Experience**

Teaching: <b>02</b>	Research: <b>04</b>	Industry:
Others: NA	Area of Specialization: Manufacturing Engineering	Courses Taught at UG/PG Level: <b>UG:</b> Manufacturing Processes, Finance Management, Operations Management, Kinematics and Dynamics of Machinery, Production Planning and Control <b>PG:</b> Energy Management, Advanced Manufacturing Technology

- Research Guidance (Number of Students):**

No of papers Published in	National:	International Journals: <b>08</b>	Conferences: <b>09</b>
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :			
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			

Research Publications :	<p><b>International Journals</b></p> <ol style="list-style-type: none"> <li><b>Charitha. M. Rao.</b>, Sachin. B., Shrikantha. S. Rao., Mervin. A. Herbert, 2020. "Minimum quantity lubrication through the micro-hole textured PCD and PCBN inserts in the machining of the Ti-6Al-4V alloy" Tribology International, 153, 106619. <b>(SCI and SCOPUS, IF-4.872)</b></li> <li><b>Charitha. M. Rao</b>, Shrikantha. Rao and Mervin. Herbert, 2018. "Development of novel cutting tool with a micro-hole pattern on PCD insert in machining of titanium alloy", Journal of Manufacturing Processes 36, p.93-103. <b>(SCIE and SCOPUS, IF-5.010)</b></li> </ol>
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3. **Charitha. M. Rao.**, Shrikantha. S. Rao., Mervin. A. Herbert, 2019. "An experimental and numerical approach to study the performance of modified perforated cutting tools on machining of Ti-6Al-4V alloy" Arabian Journal for Science and Engineering, 45(2), p.1191-1206. (**SCIE and SCOPUS, IF-2.334**)
4. Sachin. B., **Charitha. M. Rao.**, Gajanan. M. Naik., Puneet. N. P., 2020. "Influence of slide burnishing process on the surface characteristics of precipitation hardenable steel." SN Applied Sciences, 3(2), p.1-13. (**SCOPUS**)
5. **Charitha. M. Rao**, Shrikantha. Rao and Mervin. Herbert, 2018. "Performance improvement studies for cutting tools with perforated surface in turning of titanium alloy". In MATEC Web of Conferences (Vol. 144, p. 03003). EDP Sciences. (**Scopus**).
6. **Charitha. M. Rao.**, Shrikantha. S. Rao., Mervin. A. Herbert, 2018. "Influence of Modified Cutting Inserts in Machining of Ti-6Al-4V Alloy Using PCD Insert", Materials Today: Proceedings (Vol. 5 Issue 9, p.18426-18432). (**Scopus**)
7. **Charitha. M. Rao.**, Shrikantha. S. Rao., Mervin. A. Herbert, 2019. "Studies on the effect of Process Parameters in Turning of Ti-6Al-4V alloy using TOPSIS", In IOP Conference Series: Materials Science and Engineering (Vol. 577, No. 1, p. 012069). IOP Publishing. (**Scopus**)
8. Prakash Vinod, **Charitha. Rao**, Narendranath. S, P. V. Shashi Kumar, 2015, "A study on effect of cutting conditions on surface finish in diamond turning process", International Journal of Precision Technology 5(2):114. (**Scopus**)

#### **Book Chapter**

1. Sachin B, **Charitha M Rao**, Gajanan M Naik, Durga Prasad C, Ajit M Hebbale, Vijeesh V, Muralidhara Rao. (2022) "Minimum Quantity Lubrication for Burnishing of Difficult to Cut Material as a Sustainable Alternative", In Sustainable Machining Strategies for Better Performance (pp. 61-69). Springer, Singapore. (**Scopus**)

#### **Conferences**

1. **Charitha. M. Rao**, Prakash Vinod, P. V. Shashi Kumar, "Optimization of cutting conditions on surface finish in the diamond turning process", National Level Technical Symposium Pratibimb, The National Institute of Engineering, Mysore, 31st October 2013 (**Received Best Paper Award**).
2. Sachin. B, **Charitha. M. Rao**, "A Study on Surface Engineering – Laser Cladding", National Welding Seminar, KTPO, Bangalore, 9th February 2013.
3. Sachin. B, **Charitha. M. Rao**, "A Study on Recent Trends: Additive Manufacturing", National Conference on Advances in Mechanical Engineering,


K S School of Engineering and Management, Bangalore, 12th November 2013.

4. **Charitha. M. Rao**, C. P. S. Prakash, “Studies on the effect of cutting conditions on surface finish in diamond turning process”, International Conference on Convergence of Science, Engineering and Management in Education and Research, Dayananda Sagar College of Engineering, Bangalore, 27th September 2013.

5. **Charitha. M. Rao**, C. P. S. Prakash, “A Study on Micro Electrical Discharge Machining”, Emerging Trends in Engineering and Technology, Jyothy Institute of Technology, Bangalore, 9th March 2012.


6. Aditya Arjun, Akshath T Pai, Bhavish Shetty, Sachin B, Ramesh Babu N, Gajanan M Naik, **Charitha M Rao**, Kiran S Aithal, Manjunath HN. “Impact Analysis of Knee Damper Assistant System with Fall Detection”, International Conference on Emerging trends in Science and Engineering 2020, Shri Madhwa Vadiraja Institute of Technology and Management, Udupi.

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


Faculty Profile			
Name	AMEENA KAUSAR		
Date of Birth	02/08/1995		
Unique ID	NIE896		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 1	Research :	Industry : 1	
Others : Lead volunteer at youth red cross and ISTE. Organised a Blood Donation camp in College premises. Co-ordinated and organized several events for college fest.	Area of Specialization :Machine Design	Courses Taught at UG/PG Level : UG <ul style="list-style-type: none"> <li>Design of Machine Elements-1</li> <li>Mechatronics</li> <li>Material Science</li> <li>Engineering Economics</li> <li>Manufacturing process II</li> </ul>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
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 :	Study of Weld Quality characteristics of Tungsten Inert gas welding of dissimilar metals SS316L and IS 2062 Plates		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

# **Computer Science & Engineering**

## Faculty Profile

Name	DR. C VIDYA RAJ			
Date of Birth	15/5/1967			
Unique ID	1-3187818399			
Education Qualifications	BE (CS & E), MTech(SE), PhD (Computer Science and Information Science)			
<b>• Work Experience</b>				
Teaching : 31 years	Research : 18 years	Industry : -		
Others : -	Area of Specialization : Software Engineering, Quantum Computing	Courses Taught at UG/PG Level : Distributed Operating Systems, Object Oriented Modeling and Design, Software Engineering, Storage Area Networks, Wireless and Communication Networks, Wireless Sensor Networks		
<b>• Research Guidance (Number of Students): PhD: 08 and MTech: 130</b>				
No of papers Published in	National: 04	International Journals : 42	Conferences : 29	
M. Sc (Completed / Ongoing) :	-			
Ph.D (Completed / Ongoing) :	03 awarded, 05 on-going			
Projects Carried Out :				
Patents (Filed & Granted)	01 granted			
Technology Transfer :	-			
Research Publications :	75 research publications; 07 book chapters and 01 monograph			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<ol style="list-style-type: none"> <li>1. Software Engineering for BSc(IT), KSOU, 2003</li> <li>2. Computer Organization and PC maintenance BSc(IT), KSOU, 2003</li> <li>3. HTML and Basics of Internet BSc(IT), KSOU, 2003</li> <li>4. Javascript BSc(IT), KSOU, 2004</li> <li>5. Software Engineering for BSc(IT), Kuvempu University, 2005</li> <li>6. Advanced Software Engineering MSc(IT), Kuvempu University, 2005</li> </ol>			

## Faculty Profile

Name	Dr. H.D. Phaneendra	
Date of Birth	08-10-1967	
Unique ID	1-453840011	
Education Qualifications	Ph.D. – VTU, Belgaum - 2008 M.Tech – NITK, Surathkal - 1994 B.E – PES College of Engineering, Mandya - 1989	

### • Work Experience

Teaching : 32 Years	Research : 18 Years	Industry : NIL
Others : NIL	<b>Area of Specialization :</b> Quantum Computing , Computer Networks, Database management Systems	<b>Courses Taught at UG/PG Level :</b> 1. Computer Concepts & C Programming 2. Computer Graphics 3. Network Programming 4. Multimedia Computing 5. Logic Design 6. Advanced Digital Communications 7. Object oriented Programming with C++ 8. Data Communications & Networking 9. Operations Research 10. Database Management Systems 11. Multimedia Communications 12. Computer Networks 13. Optical Networks 14. Advanced Computer Architecture 15. Computer Organization 16. Systems Programming 17. Operating Systems 18. Advanced Database Management Systems

### • Research Guidance (Number of Students)

No of papers Published in	National: 08	International Journals : 12	Conferences : 17
M. Sc (Completed / Ongoing) :	Nil/Nil		
Ph.D (Completed / Ongoing) :	03/04		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	Nil		
Research Publications :	Phaneendra H.D., M.S. Shivakumar, Vidya Raj C - Possible Technologies for Quantum Computers: A Survey, National Conference on Quantum Computing NQC-2002, October 5-7,2002, IITB,Gwalior, India.  Vidya Raj C,. M.S. Shivakumar , Phaneendra H.D.- Quantum Computing with Molecules- The Future, National Conference on Quantum Computing NQC-2002, October 5-7,2002, IITB,Gwalior, India.  Phaneendra H.D., M.S. Shivakumar, Vidya Raj C - Quantum Computing: Issues, Prospects and Challenges, National Conference on Engineering Technology and Management, September8-9,2003-Hosur, Tamilnadu, India.		

Vidya Raj C,. M.S. Shivakumar , Phaneendra H.D.- Logic Gates for quantum computing, National Conference on Engineering Technology and Management, September8-9, 2003,Hosur, Tamilnadu,India

Girish, Phaneendra H.D (2014): "Identity-Based Cryptography and Comparison with traditional Public key Encryption: A Survey" International Journal of Computer Science and Information Technologies, Vol. 5 (4), 2014, 5521-5525

Girish, Banumathi.D,. Phaneendra H. D. (2014) : "Improving the quality of privacy for mobile health monitoring service on cloud" Midas Touch International Journal of Commerce, Management and Technology Volume 2, No. 7, July- 2014 ISSN: 2320 -7787

Girish, H. D. Phaneendra (2015) : "An Enhancement of Cloud Data Access Security using Identity based Encryption" International Journal for Scientific Research & Development. Vol. 3, Issue 02, 2015 1813-1817,

Girish, Krupa K.T., Phaneendra H.D, (2015) : "Survey on Identity Based Blind Signature" International Journal of Computer Science and Information Technologies, Vol. 6 (3), 2015, 2678-2681

Girish, Krupa K.T., Phaneendra H.D,(2015): "A Novel Identity Based Blind Signature Scheme using DLP for E-Commerce" International Journal on Recent and Innovation Trends in Computing and Communication Volume: 3 Issue: 6 2015 3493 - 3497

Girish, Ranjni R, Phaneendra H D., Usharani J .(2015): "An approach of Attribute based cryptosystem in cloud storage" International journal of computer science and Engineering technology, volume 5, issue 7, 7224-7228 July 2015,

Girish, subhash kumar gupta, Phaneendra H.D (2016) : "Identity based Encryption Outsourced Revocation for Group data sharing via Cloud" International journal of advanced research in computer science and technology Volume-4 issue-2 page 95-98.

Girish and Phaneendra H D.,(2017): "A New Group Signature Scheme using IBE" International journal of computer technique volume-4 Issue-4 August 2017, 137-143,

Sanjay Kumar C K and H.D. Phaneendra, (2017), "A Survey on Medical Image Segmentation", International Journal of Innovations & Advancement in Computer Science, IJIACS. ISSN 2347 – 8616, Volume 6, Issue 10.

Sanjay Kumar C K and H.D. Phaneendra, (2018), "Brain Tumor Classification with RBF kernel SVM ", International Journal of Computer & Mathematical Sciences, IJCMS, ISSN 2347 – 8527, Volume 7, Issue 3.

K S Rekha,Dr.A.D.Kulkarni,Dr.H.D.Phaneendra, (2019) : A Novel Approach for the Run-time Reconfiguration of Heterogeneous Applications in a Smart Home Monitoring System, Lecture Notes in Networks and Systems 98, Springer Nature Swizerland AG 2020,ICICT 2019, ISSN 2367-3389(electronic)ISBN 978-3-030-33486-6 , <https://doi.org/10.1007/978-3-030-33846-6>,263-271

R. Shreesha, H.D. Phaneendra (2019) : "Adaptive LCD Windshield Glare Elimination System", International Journal of Engineering science & Computing, Volume 9, Issue No 4.

V.R. Rashmi, H.D. Phaneendra (2019) : " Deep Learning Driven

Networking Applications” ,  
International Journal of Research in Engineering, Science and  
Management Volume-2, Issue-11, November-2019

Vandana H.K., H.D. Phaneendra (2019) : “Secure Android Application  
Development and Security Assessment”, International Research Journal  
of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 06  
Issue: 05 | May 2019

Ranjith J, H.D. Phaneendra (2019) : “ROBOTIC PROCESS  
AUTOMATION OF ORACLE ERP (AP)PROCESS USING AUTOMATION  
ANYWHERE TOOL SOFTWARE SOLUTION” , International Research  
Journal of Engineering and Management Studies (IRJEMS) , Volume: 03  
Issue: 05 | May -2019

Sanjay Kumar C K and H.D. Phaneendra, (2019), “Classification of  
tumors in brain MRI images with hybrid of global and local DWT features  
using decision tree”, International Journal of Innovative Technology and  
Exploring Engineering (IJITEE), ISSN: 2277-3878, Volume-8 Issue 12.

Girish, Kavitha, Phaneendra H. D. (2014): “Secure payment method in  
wireless network using hashing technique with identity based method” 4<sup>Th</sup>  
national level conference on information processing -2014(NCIP-2014)  
AMC college of engineering Bangalore-83.

Rekha.K.S, A.D.Kulkarni, H.D.Phaneendra,(2016): Remote Monitoring  
and Reconfiguration of Environment and Structural Health using Wireless  
Sensor Networks, International Conference on Processing of Materials,  
Minerals and Energy(PMME)-2016,July 2016, 2214-7853 © 2016 Elsevier  
Ltd, Ongole, Andhra Pradesh, India

Girish, Megha M, Phaneendra H D.,(2017) : “Security verification for  
identity based intermediary Re-encryption for cloud information sharing”  
International symposium on cloud computing and data  
analytics(ISCCDA17) held on march 17-18 2017 at NIE.,

Rekha.K.S, A.D.Kulkarni, H.D.Phaneendra,T.Ananthapadmanabha,  
(2018): Embedded Run-time Reconfiguration Techniques in Wireless  
Sensor Network Applications using Field Programmable Gate  
Arrays(FPGA),International conference on Innovation in  
Engineering,Technology & Sciences, ICIETS 2018,September 21-  
22,2018,NIEIT,Mysuru,India.


Rekha.K.S, A.D.Kulkarni, H.D.Phaneendra,T.Ananthapadmanabha,  
(2018) : Remote Monitoring and Run-time Reconfigurations of Industrial  
Process using Wireless Sensor Networks and IOT, ICRCICN 2018: 2018  
Fourth International Conference on Research in Computational  
Intelligence and Communication Networks,RCC Institute of Information  
Technology,Kolkata, India, November 22-23,

Sanjay Kumar C K and H.D. Phaneendra, (2020), 4th International  
Conference on Communications and Electronics Systems (ICCES),  
PPGIT, Coimbatore. Paper published in IEEE Xplore. Part Number:  
CFP20K25-ART; ISBN:978-1-7281-4889-2.


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

1. Multimedia Communications – KSOU Study Material - 2004
2. Database Management Systems – KSOU Study Material – 2005


Faculty Profile

Name	<b>Dr. YUVARAJU B N</b>			
Date of Birth	<b>25-10-1969</b>			
Unique ID	<b>1-2493580493</b>			
Education Qualifications	<b>Ph.D.</b>			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 26 Years	Research : 10 Years	Industry : NIL		
Others : NIL	Area of Specialization : Computer Networks	Courses Taught at UG/PG Level : UG: Computer Organization, Design of Unix OS, Data communication and Networking, Computer Networks, Cloud Computing, Storage Area Networks, Advanced Computer Architecture, Engineering Management, DBMS PG: Advanced DBMS, Cloud Computing, Advanced CN, Storage Area Network.		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National: 10	International Journals : 22	Conferences : 08	
M. Sc (Completed / Ongoing) :	NIL			
Ph.D (Completed / Ongoing) :	2 – Completed, 2 – Ongoing			
Projects Carried Out :	TEQIP-III Project (World Project)			
Patents (Filed & Granted)	1			
Technology Transfer :	NIL			
Research Publications :	40			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Book Chapter: Yuvaraju B.N., Narender M, "To Defeat DDoS Attacks in Cloud Computing Environment Using Software Defined Networking (SDN)", Advances in Intelligent Systems and Computing, vol 1224. Springer, <a href="https://doi.org/10.1007/978-3-030-51965-0_7">https://doi.org/10.1007/978-3-030-51965-0_7</a> , ISBN: 978-3-030-51964-3			

## Faculty Profile

Name	LOKESH S			
Date of Birth	29/9/1969			
Unique ID	1-456938599			
Education Qualifications	B.E, M.TECH (PHD)			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 26	Research : 6	Industry :		
Others :	Area of Specialization : Wireless Sensor Networks	Courses Taught at UG/PG Level : Logic Design, System Software, Unix Shell Programming, Compiler Design, Object Oriented Modelling & Design, Cloud Computing, Computer Organization and architecture, Data Communication, Multimedia Communication		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) NA</b></li> </ul>				
No of papers Published in	National: 5	International Journals : 7	Conferences : 4	
M. Sc (Completed / Ongoing) :	NA			
Ph.D (Completed / Ongoing) :	Ongoing			
Projects Carried Out :	NIL			
Patents (Filed & Granted)	NIL			
Technology Transfer :	NIL			
Research Publications :	2			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL			

## Faculty Profile

Name	DR. ANNAPURNA V.K	
Date of Birth	04/01/1974	
Unique ID	1-456938611	
Education Qualifications	BE (CS & E), M.Tech(CNE), PhD (Computer Science and Information Science)	

• **Work Experience**

Teaching : 23.5 years	Research : 1year	Industry : nil
Others : -	Area of Specialization : High speed Networks & Game Theory	Courses Taught at UG/PG Level : Data Communication & networking, Analysis and Design of algorithms, Computer Networks, District mathematic structures, Web Technologies and Applications, C Programming, Distributed Operating Systems, Cryptography and network security, Wireless and Communication Networks, Game theory, Advance computer networks, Protocol Engineering

• **Research Guidance : Nil**      MTech: 50

No of papers Published in	National: 00	International Journals : 27	Conferences : 06
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M. Sc (Completed / Ongoing) :	Nil
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Ph.D (Completed / Ongoing) :	Nil
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Projects Carried Out :	
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Patents (Filed & Granted)	
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Technology Transfer :	-
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Research Publications :	27
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No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	7. VC++ for BSC(IT), KSOU, 2005
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## Faculty Profile

Name	DR. SHABANA SULTANA	
Date of Birth	22/08/1974	
Unique ID	1-456938615	
Education Qualifications	B.E (E&CE), M.Tech(CSE), Ph.D (Wireless Networks)	

### • Work Experience


Teaching : 21 Years	Research : 4 Years	Industry : Nil
<b>Others : - Institutional level experience</b> <ul style="list-style-type: none"> <li>• Controller of Examinations(CoE)</li> <li>Member for: <ul style="list-style-type: none"> <li>• Academic Council(AC)</li> <li>• Examination Review committee(ERC)</li> <li>• Academic Review Committee(ARC)</li> <li>• Malpractice committee</li> <li>• IQAC</li> <li>• OBEC</li> <li>• NIRF</li> <li>• AQAR(NAAC)</li> </ul> </li> </ul>	<b>Area of Specialization :</b> Computer Networks	<b>Courses Taught:</b> <ul style="list-style-type: none"> <li>• Computer Concepts and C programming</li> <li>• Electronic Circuits</li> <li>• Computer Organization</li> <li>• Electronic Devices and Circuits</li> <li>• Logic Design</li> <li>• Operating Systems</li> <li>• Introduction to Unix</li> <li>• Data Communications</li> <li>• Object Oriented Analysis and Design</li> <li>• Unix and Shell Programming</li> <li>• Computer Networks</li> <li>• Software Engineering</li> <li>• Introduction to Microprocessors</li> <li>• Object Oriented Systems Development</li> <li>• System Simulation and Modelling</li> <li>• Advanced Computer Architecture</li> <li>• Ad hoc Networks</li> </ul>

### • Research Guidance : In Progress      M.Tech Projects Guided: 20

No of papers Published in	National: 02	International Journals : 28	Conferences : 10
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	Registration of candidates in progress		
Projects Carried Out :	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer :	-		

Research Publications :	30
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil

### Faculty Profile

Name	Anitha R	
Date of Birth	9-10-1973	
Unique ID	1-456938603	
Education Qualifications	Ph.D.	


• **Work Experience**

Teaching : 23 Years	Research : NIL	Industry : NIL
Others : NIL	Area of Specialization : Computer Science, Networking, Cloud Computing	Courses Taught at UG/PG Level : <b>UG:</b> 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. <b>PG:</b> Cyber Security

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

No of papers Published in	National: NIL	International Journals : 12	Conferences : 6
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		

## Faculty Profile

Name	Dr. Jayasri B.S	
Date of Birth	02-02-1976	
Unique ID	1-3738015452	
Education Qualifications	BE(CS&E), M.tech(CNE),P.hD(WSN)	

### • Work Experience


Teaching :24 years	Research : 7 years	Industry :
Others :	Area of Specialization : Computer Networks &Wireless sensor Networks	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Analysis and Design of Algorithm</li> <li>2. Operating System</li> <li>3. Cloud Computing</li> <li>4. Advance Storage Area Network</li> <li>5. Wireless Communication</li> <li>6. Wireless Mobile Networks</li> <li>7. Distributed Operating System</li> <li>8. Advance Computer Networks</li> <li>9. Computer Organization</li> <li>10. DBMS</li> <li>11. Operation Research</li> <li>12. System Simulation and Modelling</li> <li>13. Computer Networks</li> <li>14. Data Communication</li> <li>15. Mobile Computing</li> <li>16. Distributed Computing</li> <li>17. E-commerce</li> <li>18. Web-Commerce</li> <li>19. Advance Digital Computing</li> <li>20. Cryptography and Network Security</li> <li>21. Data Structures</li> <li>22. CCP</li> <li>23. Computer Concepts &amp; Python</li> <li>24. Logic Design</li> <li>25. Management Information System</li> </ol>

### • Research Guidance (Number of Students) -2

No of papers Published in	National: 4	International Journals :18	Conferences : 11
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	1-QIP(from current academic year),1-PT		
Projects Carried Out :	NIL		

Patents (Filed & Granted)	NIL
Technology Transfer :	NIL
Research Publications :	8
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	2 Book chapters published Advances in Intelligent Systems and Computing, Springer publications,978-3-319-57141-6,2017 1-more book chapter in pipeline

## Faculty Profile

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

• **Work Experience**

Teaching : 14	Research :7	Industry :6 years
Others :NIL	Area of Specialization :Wireless Sensors and IoT,Machine Learning	<p>Courses Taught at UG/PG Level :</p> <p><b>UG Level:</b>                      Big Data Analytics ,Embedded Systems , IoT,Analysis and Design of Algorithms,Software Engineering, Software Testing, Database Management Systems , Object Oriented Modeling and Design, Computer Concepts and C programming and Python, Microprocessor &amp; Interfacing , Distributed Operating System , Advanced Computer Architecture ,Machine Learning</p> <p><b>PG Level:</b>                      Wireless Sensor Networks , Web Services, Big Data Analytics for Industrial Automation and Robotics, IoT , Advanced Database Management Systems</p>

- Research Guidance (Number of Students): Obtained Guideman ship from VTU,Currently guiding 3 candidates


No of papers Published in	National: 4	International Journals :17	Conferences :9
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	Ph.D. completed		
Projects Carried Out :	IISC ART PARK project going on		
Patents (Filed & Granted)	NIL		
Technology Transfer :	<ul style="list-style-type: none"> <li>• Session Chair for many of the International Conference</li> <li>• Reviewer for International Conference</li> <li>• Resource person for student development programs</li> </ul>		

- Reviewed the Mc-Grawhill Books namely Software Project Management and Computer Programming Fundamentals & C Programming by Balaguru Swamy


Research Publications :

- Dr.K.S.Rekha, Embedded Run-time Reconfiguration Techniques in Wireless Sensor Network Applications using Field Programmable Gate Arrays (FPGA), "International Journal of Grid and Distributed Computing (IJGDC), ISSN: 2005-4262 (Web of Science - ESCI journal), Vol. 13, No. 2, (2020), pp. 2496-2502, IJGDC Copyright©2020 SERSC
- K.S.Rekha, A.D.Kulkarni,H.D.Phanendra, "A Novel Approach for the Run-time Reconfiguration of Heterogeneous Applications in a Smart Home Monitoring System", Lecture Notes in Networks and Systems 98, Springer ,ISSN 2367-3389 (electronic) ISBN 978-3-030-33486-6 , Nature Swizerland AG 2020,ICICT 2019, <https://doi.org/10.1007/978-3-030-33846-6,263-271>  
[https://link.springer.com/chapter/10.1007%2F978-3-030-33846-6\\_30](https://link.springer.com/chapter/10.1007%2F978-3-030-33846-6_30) International Journal Publication (2019-2020)
- Dr.Rekha.K.S, Shashank.S,, Rakshith.M.C, Ranganna.S.S and Sunag.T.P "A Novel Framework for Monitoring the Remotely Located Patients using an IoT based Healthcare System", Grenze International Journal of Engineering and Technology, Grenze ID: 01.GIJET.6.2.502\_2 © Grenze Scientific Society, 2020 ,July Issue,2020
- Rajesh Singh<sup>1</sup>, Satyam Shekhar<sup>2</sup>, Shashank Shaurya, Shivang Kumar, Dr. Rekha. K.S,"Sign Language to Text" , IJESC, Volume 10,Issue 6,June 2020.
- KS Rekha, AD Kulkarni, HD Phaneendra,"Remote Monitoring and Run-time Reconfigurations of an Industrial Process using Wireless Sensor Networks and IOT" ,published in: 2018, Fourth International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN),IEEE Xplore: 23 May 2019,INSPEC Accession Number : 18721953,DOI: 10.1109/ICRCICN.2018.8718719, IEEE
- Rekha.K.S, A.D.Kulkarni, H.D.Phanendra Remote Monitoring and Reconfiguration of Environment and Structural Health using Wireless Sensor Networks, International Conference on Processing of Materials, Minerals,,January 2020,January 2020 DOI: 10.1007/978-3-030-33846-6\_30, In book: Inventive Computation Technologies (pp.263-271),DOI: 10.1007/978-3-

	<p>030-33846-6_30,In book: Inventive Computation Technologies (pp.263-271)and Energy(PMME)-2016,July 2016, 2214-7853 © 2016 Elsevier Ltd, Ongole, Andhra Pradesh, Science Direct,India,<a href="https://www.sciencedirect.com/science/article/pii/S2214785317324628">https://www.sciencedirect.com/science/article/pii/S2214785317324628</a></p> <ul style="list-style-type: none"> <li>• Rekha.K.S, Nishanth kumar,Web Based Visualization of Spacecraft Checkout Telemetry Data, International Journal of Engineering Research &amp; Technology (IJERT), Vol. 4, ISSN: 2278-0181,IJERTV4IS030927,, Issue 03, March-2015</li> <li>• Sonali K. M., Poojashree M., Shilpashree A., Sindhu N., Rekha K. S., “Automated Fire Detection Surveillance System”, CSE, NIE, Mysuru,International Journal of Current Trends in Engineering &amp; Research (IJCTER) e-ISSN 2455– 1392 Volume 2 Issue 6, June 2016 pp. 49 – 52 <a href="https://www.ijert.org/fire-detection-on-a-surveillance-system-usingimage-processing">https://www.ijert.org/fire-detection-on-a-surveillance-system-usingimage-processing</a></li> <li>• Rekha.K.S, T.H.Sreenivas Infrastructure Establishment for Adaptive Framework for Run-time Reconfiguration in Wireless Sensor Networks”IEEE catalog number :CFP1520J-PRT and ISBN 987-2- 4799-7848-9 <a href="https://ieeexplore.ieee.org/document/7435823">https://ieeexplore.ieee.org/document/7435823</a></li> </ul>
<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. Abhinandan S. P.		
Date of Birth	19/02/1985		
Unique ID	NIE685		
Education Qualifications	Ph.D.		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 3 years	Research :3 years	Industry : 6 years	
Others :	Area of Specialization : Cloud Computing	Courses Taught at UG/PG Level : Compiler Design, Unix System Programming, Data Communications, Research Methodology, Cloud Computing, Cyber Security,	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National:	International Journals : 3	Conferences : 7
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	B R Vatsala	
Date of Birth	20-02-1980	
Unique ID	1-456938627	
Education Qualifications	B.E., MTech, (PhD)	

### • Work Experience

Teaching :19 years	Research: 8 years	Industry :
Others :	Area of Specialization : Computer Network Engineering	Courses Taught at UG/PG Level : UG: <ul style="list-style-type: none"> <li>• Compiler Design</li> <li>• Microprocessors and Interfacing</li> <li>• Computer Organization</li> <li>• Embedded Systems</li> <li>• Finite Automata and Formal Languages</li> <li>• Discrete Mathematics</li> <li>• Logic Design</li> <li>• Advanced Microprocessors</li> <li>• File Structures</li> <li>• Data Communications</li> <li>• System Simulation and Modeling</li> <li>• Analysis and Design of Algorithms</li> </ul> PG: <ul style="list-style-type: none"> <li>• Analysis and Design of Algorithms (MCA)</li> </ul>

### • 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 :	<b>Journals:</b> <ol style="list-style-type: none"> <li>1. <b>B R Vatsala and Dr C Vidya Raj (2019):</b> “Performance Analysis of Internet of Things using Visible Light Communication”, <i>International Journal of Innovative Technology and Exploring Engineering (IJITEE)</i>, Vol.9, Issue 2S, pp 42-45, December 2019, ISSN: 2278-3075, DOI: 10.35940/ijitee.B1023.1292S19.</li> <li>2. <b>B R Vatsala and Dr C Vidya Raj (2019):</b>“Priority Based Algorithmic Design of Flow Control Protocol for IoT using LiFi”, <i>International Journal for Research in Engineering and</i></li> </ol>		

*Management (IJREAM)*, Vol. 5, Issue 1, pp 357-361, April 2019, ISSN: 2454-9150, DOI: 10.18231/2454-9150.2019.0324.


3. **B R Vatsala and Dr C Vidya Raj (2019):**“Analysis of Smart Applications using Internet of Things”, *International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)*, Vol. 8, Issue 3, pp 109-113, March 2019, ISSN: 2278-1021, DOI: 10.17148/IJARCCE.2019.8321.
4. **B R Vatsala and Dr C Vidya Raj (2014):** "Internet of Things: Usage of LiFi and Need for Flow Control Protocol", *International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCCE)*, Vol. 2, Issue 8, pp 2321-8169, August 2014, ISSN: 2321-8169.
5. **B R Vatsala and Dr C Vidya Raj (2013):**“CPU Load Based Countermeasure Technique for intelligent DoS attack targeting Firewalls”, *Lecture Notes in Electrical Engineering, SPRINGER* Vol. 248, pp 139-144, September 2013, ISSN: 978-81-322-1157-0, DOI:10.1007/978-81-322-1157-0\_15'

**Conference:**

1. **B R Vatsala, Dr C Vidya Raj (2019):** “Performance Evaluation of TCP Variants for IoT built on Visible Light Communication”, 2<sup>nd</sup> International Conference on Data Science, Machine Learning & Applications 2020, Pune, Maharashtra, 05-06 December 2020
2. **B R Vatsala, Dr C Vidya Raj (2019):** “Performance Analysis of Internet of Things using Visible Light Communication”, International Conference on data engineering and communication systems 2019, RNSIT, Bengaluru, 19-20 December 2019
3. **B R Vatsala, Dr C Vidya Raj (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 Raj (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

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

## 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 : 15 years	Research :3 years	Industry :0
Others :	Area of Specialization :Internet of Things	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>C,C++,.Net&amp;C#</li> <li>Digital Electronics,Analysis design of Algorithms,Discrete Mathematics</li> <li>Computer Networks,Database Management Systems,Formal Languages &amp; Automata Theory.</li> </ul>

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

No of papers Published in	National: 5	International Journals :11	Conferences :4
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	1 (Springer publication)		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

## Faculty Profile

Name	Ramesh G	
Date of Birth	01/05/1980	
Unique ID	1-456938663	
Education Qualifications	ME	

### • Work Experience

Teaching : 13	Research :	Industry :2.5
Others :	Area of Specialization :Computer Science	Courses Taught at UG/PG Level : Parallel Architecture, Algorithms


### • Research Guidance (Number of Students)

No of papers Published in	National: 03	International Journals :02	Conferences :02
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	NA		
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	PADMINI M S		
Date of Birth	31/10/1987		
Unique ID	1-456938671		
Education Qualifications	M.tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 11 years	Research :-NIL	Industry :1 year	
Others :	Area of Specialization :IOT	Courses Taught at UG/PG Level :12	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 1	International Journals :8	Conferences :4
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	Mysore Jayakrishna Yogesh			
Date of Birth	30/09/1984			
Unique ID	NIE165			
Education Qualifications	M.Tech (PhD)			
<ul style="list-style-type: none"> <li>• <b>Work Experience</b></li> </ul>				
Teaching : 11 years	Research :- 4 years	Industry : 2 year		
Others :	Area of Specialization : Big Data Analytics	Courses Taught at UG/PG Level :		
<ul style="list-style-type: none"> <li>• <b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National: 01	International Journals : 04	Conferences : 04	
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	Tojo Mathew		
Date of Birth	15-Apr-1982		
Unique ID	1-2492442241		
Education Qualifications	M. Tech, (Ph. D)		
<ul style="list-style-type: none"> <li>● <b>Work Experience</b></li> </ul>			
Teaching: 6 years	Research: 1.5 years	Industry: 8 years	
Others:	Area of Specialization:  Digital Image Processing & Analysis	Courses Taught at UG/PG Level:  <b>UG:</b> <ul style="list-style-type: none"> <li>● Unix System Programming</li> <li>● OOP with C++</li> <li>● Data Structures</li> <li>● C Programming</li> <li>● Introduction to Python Programming</li> </ul> <b>PG:</b> <ul style="list-style-type: none"> <li>● Python Programming &amp; Applications</li> </ul>	
<ul style="list-style-type: none"> <li>● Research Guidance (Number of Students): Nil</li> </ul>			
No of papers Published in	National: -	International Journals: 1	Conferences: 5
M. Sc (Completed / Ongoing):	-		
Ph.D (Completed / Ongoing):	Ongoing (NITK Surathkal)		
Projects Carried Out :	-		
Patents (Filed & Granted)	-		
Technology Transfer :	-		

<p>Research Publications :</p>	<p>International Journal Papers:</p> <ol style="list-style-type: none"> <li>1. Tojo Mathew, Jyoti R. Kini, and Jeny Rajan, "Computational methods for automated mitosis detection in histopathology images: A review." Biocybernetics and Biomedical Engineering (2020) DOI: <a href="https://doi.org/10.1016/j.bbe.2020.11.005">https://doi.org/10.1016/j.bbe.2020.11.005</a> (SCI Indexed, JCR Impact factor: 4.314)</li> </ol> <p>International Conference Papers:</p> <ol style="list-style-type: none"> <li>1. Tojo Mathew, and Johnpaul C.I., "Reversible data hiding in encrypted images using interpolation-based distributed space reservation." In Advanced Computing and Communication Systems (ICACCS), (2017) 4th International Conference on, pp. 1-6. IEEE, (2017). DOI: <a href="https://doi.org/10.1109/ICACCS.2017.8014608">https://doi.org/10.1109/ICACCS.2017.8014608</a></li> <li>2. Johnpaul, C. I., and Tojo Mathew, "NP-completeness of an optimization problem on plants selection using reduction method." Intelligent Computing, Instrumentation and Control Technologies (ICICT), International Conference on. IEEE, (2017). DOI: <a href="https://doi.org/10.1109/ICICT1.2017.8342556">https://doi.org/10.1109/ICICT1.2017.8342556</a></li> <li>3. Johnpaul C. I., and Tojo Mathew, "A Cypher query based NoSQL data mining on protein datasets using Neo4j graph database." In Advanced Computing and Communication Systems (ICACCS), 2017 4th International Conference on, pp. 1-6. IEEE, (2017) DOI: <a href="https://doi.org/10.1109/ICACCS.2017.8014558">https://doi.org/10.1109/ICACCS.2017.8014558</a></li> <li>4. Nirmal S. Nair, Tojo Mathew, Neethu A. S., Viswajith P. Viswanath, Madhu S. Nair and Wilscy M., "A Proactive Approach to Reversible Data Hiding in Encrypted Images", International Conference on Information and Communication Technologies - ICICT 2014 (CUSAT, Kochi, India), Procedia Computer Science, Elsevier, Vol.46, pp.1510-1517, (2015). DOI: <a href="https://doi.org/10.1016/j.procs.2015.02.071">https://doi.org/10.1016/j.procs.2015.02.071</a></li> <li>5. Tojo Mathew, Wilscy M., "Reversible Data Hiding in Encrypted Images by Active Block Exchange and Room Reservation", International Conference on Contemporary Computing and Informatics - IC3I 2014 (Mysore, India), IEEE Computer Society Press, pp.839-844, (2014). DOI: <a href="https://doi.org/10.1109/IC3I.2014.7019628">https://doi.org/10.1109/IC3I.2014.7019628</a></li> </ol>
<p>No. of Books published with details :  (Name of Book, Publisher with ISBN, Year of publication, Etc)</p>	<p>-</p>

## Faculty Profile

Name	SUHAS S	
Unique ID	1-2949649865	
Education Qualifications	B.E, M.Tech, (PhD)	

### • Work Experience

Teaching : 12	Research : 5	Industry :1
Others :	Area of Specialization : Networking	Courses Taught at UG/PG Level : Computer Networks, Mobile Computing, Java, Operating Systems, Wireless Mobile Networks, Entrepreneurship and Management, Embedded Systems, C programming, IOT, Embedded Systems

### • Research Guidance (Number of Students)      NA

No of papers Published in	National: 2	International Journals : 3	Conferences : 2
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		

Research Publications :	<p><b>Journal Publications</b></p> <p><b>Suhas S</b> and C R Venugopal (2018): "An Efficient MRI Noise Removal Technique using Linear and non linear Filters". <i>International Journal of Computer Applications</i> Vol. 179, No. 15, pp. 17-20, January 2018, ISSN: 0975 – 8887, DOI: 10.5120/ijca2018915777</p> <p><b>Suhas S</b> and C R Venugopal (2017): "MRI image preprocessing and noise removal technique using linear and nonlinear filters". <i>IEEE Xplore</i> , Electronic ISBN: 978-1-5386-2361-9, February 2018, doi: 10.1109/iceccot.2017.8284595</p> <p><b>Suhas S</b> and C R Venugopal (2016): "Medical image retrieval algorithms And techniques: A review", <i>International Journal of Modern Computer Science (IJMCS)</i>, Vol. 4, No. 5, October 2016, pp. 132~136, ISSN: 2320-7868, DOI: 10.11591/ijece.v10i2.pp1599-1611.</p>
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**Conference Proceedings:**


Suhas S and C R Venugopal (2020): "Hybrid Otsu segmentation and thresholding of medical images with separability factor", 5th International Online Conference on Recent Advancements in Interdisciplinary Research 2020 organized by Multimedia University at Selangor Malaysia May 8-9 2020.

Suhas S and C R Venugopal (2017): "MRI image preprocessing and noise removal technique using linear and nonlinear filters". Paper published in the 2017 International Conference on Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICEECCOT) organized at Mysuru , India by IEEE December 15-16<sup>th</sup> 2017.


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

NIL


Faculty Profile

Name	<b>NARENDER M</b>		
Date of Birth	<b>31<sup>st</sup> October 1990</b>		
Unique ID	<b>1-2291282334</b>		
Education Qualifications	<b>M.Tech. in Computer Engineering</b>		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : <b>7 Years</b>	Research : <b>4 Years</b>	Industry : <b>NIL</b>	
Others : <b>NA</b>	Area of Specialization : <b>Computer Engineering</b>	Courses Taught at UG/PG Level : <b>UG and PG</b>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: <b>NIL</b>	International Journals : <b>1</b>	Conferences : <b>1</b>
M. Sc (Completed / Ongoing) :	<b>Not Applicable</b>		
Ph.D (Completed / Ongoing) :	<b>Ongoing</b>		
Projects Carried Out :	<b>NIL</b>		
Patents (Filed & Granted)	<b>NIL</b>		
Technology Transfer :	<b>NIL</b>		
Research Publications :	<b>2</b>		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<b>Book Chapter:</b> Yuvaraju B.N., Narender M, "To Defeat DDoS Attacks in Cloud Computing Environment Using Software Defined Networking (SDN)", <i>Advances in Intelligent Systems and Computing</i> , vol 1224. Springer, <a href="https://doi.org/10.1007/978-3-030-51965-0_7">https://doi.org/10.1007/978-3-030-51965-0_7</a> , ISBN: 978-3-030-51964-3		

## Faculty Profile

Name	Ramya S			
Date of Birth	18 feb 1987			
Unique ID	1-7332968302			
Education Qualifications	M.Tech			
<b>• Work Experience</b>				
Teaching : 11 years 7 months	Research : Nil		Industry : Nil	
Others :	Area of Specialization : Computer Network & Engineering		Courses Taught at UG/PG Level : 1. Operating systems 2. Analysis and Design of Algorithms 3. Cryptography 4. C programming 5 Introduction to ML 6. Microprocessor and Microcontrollers 7. Logic Design 8. Computer Organization 9. Data Mining 10. Advanced Computer Architecture	
<b>• Research Guidance (Number of Students) Nil</b>				
No of papers Published in	National:	International Journals :	Conferences : 01	
		9		
M. Sc (Completed / Ongoing) :	M. Tech completed			
Ph.D (Completed / Ongoing) :	Ongoing			
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			

### Faculty Profile

Name	NIVEDHA S	
Date of Birth	17/03/1994	
Unique ID	1-7332173629	
Education Qualifications	M. Tech (Computer Science & Engineering)	

• **Work Experience**

Teaching : 4 years	Research : -	Industry : -
Others :	Area of Specialization : Computer Science & Engineering, Blockchain Technology	Courses Taught at UG/PG Level : <ol style="list-style-type: none"> <li>1. Digital Electronics</li> <li>2. Digital Electronics Lab</li> <li>3. Object Oriented Programming using C++</li> <li>4. Object Oriented Programming using C++ Lab</li> <li>5. System Software</li> <li>6. Compiler Design</li> <li>7. Microprocessor Lab</li> <li>8. Computer Network Lab</li> <li>9. Web Technologies Lab</li> <li>10. C Programming Lab</li> </ol>

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

No of papers Published in	National:	International Journals :	Conferences : 4
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Yet to Register		
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	Sumana K M	
Date of Birth	30/05/1986	
Unique ID	1-2914489334	
Education Qualifications	BE, MTech	


### • Work Experience

Teaching : 9 years	Research :Ongoing	Industry :-
Others : -	Area of Specialization: Machine Learning, Internet of Things	Courses Taught at UG/PG Level : C programming OOPS with C++ Operating System Professional communication and Ethics Management Information System Web Technologies Advanced Web Technologies Discrete Mathematical Structure

### • Research Guidance (Number of Students)

No of papers Published in	National: -	International Journals : -	Conferences : -
M. Sc (Completed / Ongoing) :	MTech: Completed		
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	Nandini P	
Date of Birth	11-06-1986	
Unique ID	1-1476553436	
Education Qualifications	B.E. (IS&E)and M.Tech(Computer Engineering)	


- Work Experience**

Teaching : 9 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.

- Research Guidance (Number of Students)**

No of papers Published in	National:	International Journals :2	Conferences :
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	08		
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	Ushadevi.A	
Date of Birth	15/04/1983	
Unique ID	1-7332173717	
Education Qualifications	B.E.(CSE) M.E.(Software Engg)	

### • Work Experience

Teaching : 9 Years	Research :	Industry :
Others :	Area of Specialization :Machine Learning	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>• C-Programming</li> <li>• Machine Learning</li> <li>• Data mining and Data warehousing</li> <li>• Advanced Database Management Systems</li> <li>• Design and Analysis of algorithms</li> <li>• Data Structures Using C</li> <li>• Compiler design</li> </ul>


### • Research Guidance (Number of Students)

No of papers Published in	National:	International Journals :4	Conferences :2
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :			
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			


Research Publications :	<ol style="list-style-type: none"> <li>1. Anujna M. <b>Ushadevi A</b>, "Converting and Deploying an Unstructured Data using Pattern Matching", <i>American Journal of Intelligent Systems</i>, 2017, 7(3): 54-59, DOI:10.5923/j.ajis.20170703.03</li> <li>2. Shreelatha, Shreya Pai, Sonal Cynthia Pereira, Tanya Nicole, <b>Ushadevi A</b>," Advanced Baby Monitor", <i>International Journal of Internet of Things</i> 2017, 6(2): 51-55, DOI: 10.5923/j.ijit.20170602.09</li> <li>3. Menezes Allwyn Bonaventure, Priyadarshini S, Priyanka, Sindhu Nayak, <b>Ushadevi A</b>,"Smart Key: Secure Door Lock System using NFC Enabled Smartphone", <i>International Journal of Internet of Things</i> 2017, 6(2): 67-70, DOI:10.5923/j.ijit.20170602.12</li> <li>4. Sowmya P, Supreetha R, <b>Ushadevi A</b>, "Survey On Algorithms used for Text Document Clustering", <i>International Journal of Advances in Science Engineering and Technology(IJASEAT)</i> , 2016, ISSN: 2393-2835</li> </ol>
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No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	
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### Faculty Profile

Name	Priyanka R V		
Date of Birth	10/03/1993		
Unique ID	1-9459774228		
Education Qualifications	B.E.(ISE) M.Tech(Computer Engg)		
<ul style="list-style-type: none"> <li>● <b>Work Experience</b></li> </ul>			
Teaching : 3.5 Years	Research :	Industry :	
Others :	Area of Specialization : Data Mining	Courses Taught at UG/PG Level :	<ul style="list-style-type: none"> <li>● C-Programming</li> <li>● Web Service</li> <li>● Introduction to Android Programming</li> <li>● Computer Graphics</li> <li>● Dot NET Programming</li> <li>● Graph Theory</li> </ul>
<ul style="list-style-type: none"> <li>● <b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 1	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	POORNIMA N	
Date of Birth	20/02/1976	
Unique ID	1-9461394248	
Education Qualifications	B.E(Computer Science & Engineering) M.Tech( Information Technology)	


• **Work Experience**

Teaching : 3 years 7 Months	Research :NA	Industry :NA
Others :NA	Area of Specialization : Image Processing	Courses Taught at UG/PG Level : UG Theory: C Programming UG Laboratory: C, OOP, ADA, WTA, DBMS, DE, CN, DSC


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

No of papers Published in	National: NA	International Journals : 1	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	AMRUTHASREE V M		
Date of Birth	10-02-1992		
Unique ID	NIE849		
Education Qualifications	B.Tech., M.E.		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 4 Years	Research : Nil	Industry : Nil	
Others : Nil	Area of Specialization : M.E. (Computer Science and Engineering)	Courses Taught at UG/PG Level : Nil	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
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)	-		
Technology Transfer :	-		
Research Publications :	-		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	-		

Faculty Profile

Name	<b>TEJASWINI N</b>	
Date of Birth	07-12-1988	
Unique ID	NIE848	
Education Qualifications	B.E. , M.Tech	


• **Work Experience**

Teaching : 4 Years	Research : Nil	Industry : Nil
Others : Nil	Area of Specialization : M.Tech (Computer Science and Engineering)	Courses Taught at UG/PG Level : Nil

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

### Faculty Profile

Name	<b>SMITHA B</b>	
Date of Birth	20-02-1993	
Unique ID	NIE851	
Education Qualifications	B.E. , M.Tech	


- Work Experience**

Teaching : 2 Months	Research : Nil	Industry : 7 Months
Others : Nil	Area of Specialization : M.Tech (Computer Network Engineering)	Courses Taught at UG/PG Level : Nil

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

Faculty Profile

Name	<b>AMITHA S</b>	
Date of Birth	10-08-1996	
Unique ID	NIE861	
Education Qualifications	B.E. , M.Tech	


• **Work Experience**

Teaching : 1 Month	Research : 6 Months	Industry : Nil
Others : Nil	Area of Specialization : M.Tech (Networking and Internet Engineering)	Courses Taught at UG/PG Level : Nil

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

Faculty Profile

Name	<b>PAVAN KUMAR R B</b>	
Date of Birth	01-06-1988	
Unique ID	NIE559	
Education Qualifications	B.E. , M.Tech	


• **Work Experience**

Teaching : 6 Years	Research : Nil	Industry : Nil
Others : Nil	Area of Specialization : M.Tech (Computer Network Engineering)	Courses Taught at UG/PG Level : Nil

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

Faculty Profile

Name	<b>SHASHANK S</b>	
Date of Birth	08-12-1989	
Unique ID	NIE684	
Education Qualifications	B.E. , M.Tech	


• **Work Experience**

Teaching : 3 Years	Research : 1 Year	Industry : 5 Years
Others : Nil	Area of Specialization :	Courses Taught at UG/PG Level : Nil

• **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 :	Projects in Association with HPE		
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	<b>DR. SHRIRANG AMBAJI. KULKARNI</b>	
Date of Birth	03-10-1974	
Unique ID	NIE728	
Education Qualifications	B.E. , M.Tech	


• **Work Experience**

Teaching : 18 Years	Research : 07 Years	Industry : Nil
Others : Nil	Area of Specialization :	Courses Taught at UG/PG Level : Nil

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

No of papers Published in	National: 02	International Journals : 11	Conferences : 7
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	12		
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	<b>RAZIKHA AMREEN M I</b>	
Date of Birth	18-02-1987	
Unique ID	NIE898	
Education Qualifications	B.E., M.Tech	


• **Work Experience**


Teaching : 3 Years	Research : Nil	Industry : Nil
Others : Nil	Area of Specialization : M.Tech (Computer Networks)	Courses Taught at UG/PG Level : Nil


• **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)	-		
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. K. Raghuveer		
Date of Birth	02/05/1967		
Unique ID	1-458467571		
Education Qualifications	Ph.D		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 14 years	Research: 13 years	Industry:	
Others:	Area of Specialization: Data Mining	Courses Taught at UG/PG Level: Recommender Systems, Engineering Economics	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 12	International Journals: 8	Conferences: 10
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	2/5		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	30		
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		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 31 years	Research: 07	Industry: NIL	
Others:	Area of Specialization: Information Security	Courses Taught at UG/PG Level: Data Structures, Computer Networks, OOP with C++, DBMS, Cryptography & Network Security.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National:	International Journals: 19	Conferences: 13
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	32		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

<b>Faculty Profile</b>			
Name	Dr. S. Kuzhalvaimozhi		
Date of Birth	27/05/1972		
Unique ID	1-458744171		
Education Qualifications	Ph.D		
<ul style="list-style-type: none"> <li>• Work Experience</li> </ul>			
Teaching: 24 years	Research: 13 years	Industry:	
Others:	Area of Specialization: Network Security	Courses Taught at UG/PG Level: Cyber security, Cryptography and Network Security, Operating system, Computer Network, Compiler, Java Programming, Distributed Operating System, Data Structures, Finite Automata and Formal Languages, Database Management system, System Software	
<ul style="list-style-type: none"> <li>• Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National:	International Journals: 25	Conferences: 18
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :			
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	7		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	Rampur Srinath		
Date of Birth	12/07/1975		
Unique ID	1-453840019		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 20 years	Research: 2 years	Industry: 1 year	
Others:	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"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 3	International Journals: 8	Conferences: 7
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	1		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	8		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	1		

### Faculty Profile


Name	C N Chinnaswamy		
Date of Birth	22/07/1979		
Unique ID	1-456938631		
Education Qualifications	B.E., M.Tech (Ph.D)		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 19 years	Research: 4 years	Industry: 1 year	
Others:	Area of Specialization: Wireless Sensor Networks	<p>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.</p>	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 9	International Journals: 32	Conferences: 11
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 :	<ol style="list-style-type: none"> <li>Associated in the Automation DST funded project and gave the technology requirements of WSN.</li> <li>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.</li> </ol>		

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		
Date of Birth	17/5/1975		
Unique ID	1-456938643		
Education Qualifications	Ph.D		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 13 years	Research: 2 years	Industry: 3 years 6 months	
Others:	Area of Specialization: Wireless Sensor Networks	Courses Taught at UG/PG Level: Software Engineering, Computer Networks, FAFL, Wireless Communication, Software Architecture, Basic Electronics, Logic Design, Microprocessor, Advanced Microprocessor, Graph Theory, Digital Electronics, Data Communication.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National:	International Journals: 20	Conferences: 12
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	Title: Energy Efficient Data Gathering Technique Using Multiple Mobile Elements in Wireless Sensor Network Amount- 20 Lakhs from VGST, Government of Karnataka.		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	2		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

### Faculty Profile


Name	C K Vanamala			
Date of Birth	19/12/1974			
Unique ID	1-458467571			
Education Qualifications	BE, M.Tech, (PhD)			
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>				
Teaching: 21 years	Research:	Industry:		
Others: President, Kalasamhitha Cultural Club, NIE	Area of Specialization: Wireless Sensor Networks	Courses Taught at UG/PG Level: Software Engineering, Software Testing, Engineering Management and Entrepreneurship, Data Science, Cloud Computing		
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>				
No. of paper published in	National: 6	International Journals: 1	Conferences: 3	
M. Sc (Completed / Ongoing) :	NIL			
Ph.D (Completed / Ongoing) :	NIL			
Projects Carried Out :	Mentoring Ongoing Project for Indian Army			
Patents (Filed & Granted)	NIL			
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	B N Kiran		
Date of Birth	10/05/1978		
Unique ID	1-456938623		
Education Qualifications	B.E., M.Tech., (Ph.D)		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 20 years	Research: NIL	Industry: NIL	
Others:	Area of Specialization: Computer Network Engineering	Courses Taught at UG/PG Level: Logic Design, Operating System, System simulation and Modeling, UNIX and Shell programming, UNIX System Programming, UNIX Network Programming, Computer architecture, C Programming, Computer Organization, Computer Networks, Computer Graphics. Cryptography and Network Security, Wireless adhoc Networks, system software and Compiler Design. Data structures.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 5	International Journals: 15	Conferences: 3
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	23		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	Prathibha B S		
Date of Birth	22/04/1978		
Unique ID	1-456938635		
Education Qualifications			
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 16 years	Research: NIL	Industry: NIL	
Others:	Area of Specialization: Computer Network	Courses Taught at UG/PG Level: C, Data Structures DMS, GT&C, Logic Design, ADA, Data Communication, Computer Networks, INS, SAN	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 2	International Journals: 6	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 :	13		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


### Faculty Profile


Name	Prajakta M		
Date of Birth	27/09/1976		
Unique ID	1-458744195		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 21 years	Research: NIL	Industry: NIL	
Others:	Area of Specialization: Computer Network Engineering	Courses Taught at UG/PG Level: Logic Design, MED, ETM, OOAD, Software Engineering, Computer Network, SSM, Computer organization, Microprocessor, CCP, Data Communications, Business Intelligence, Multimedia communication, Client/Server Computing, Natural Language Processing, Cloud Computing, Cyber Crime & Digital Forensics, Artificial Intelligence.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 1	International Journals: 6	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	Nandini B M		
Date of Birth	28/11/1980		
Unique ID	1-458744183		
Education Qualifications	B.E., M.Tech., (Ph.D)		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 16 years	Research: 3 years	Industry:	
Others:	Area of Specialization: Digital Image Processing	Courses Taught at UG/PG Level: C, C++, DS, DMS, GT, CO, LD, CN, OS, ADA, CS, CNS	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 4	International Journals: 13	Conferences: 4
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer :	NIL		
Research Publications :	2		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	N Rajesh		
Date of Birth	25/04/1975		
Unique ID	1-458744191		
Education Qualifications	M.Tech., (PhD)		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 15 years	Research: NIL	Industry: 1 year	
Others:	Area of Specialization: Computer Network Engineering	Courses Taught at UG/PG Level: Web Programming, Operating System, Information Storage, Data Structures	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National:	International Journals: 1	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	Shashank Dhananjaya		
Date of Birth	13/07/1985		
Unique ID	1-2492093243		
Education Qualifications	B.E., M.Tech.		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 10 years	Research: 4 years	Industry: 2 years	
Others:	Area of Specialization: Communication and Networking, Software Engineering	Courses Taught at UG/PG Level: Cloud Computing, UNIX Shell Programming, Software Engineering, Protocol Engineering, System Software, Storage Management, Java and J2EE	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 2	International Journals: 3	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 :	2		
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	1-2920372527		
Education Qualifications	M.Tech.		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 10 years	Research: 4 years	Industry: NIL	
Others:	Area of Specialization: Data Mining & Machine Learning	Courses Taught at UG/PG Level: Discrete Mathematical Structures, Web Programming, Advanced Computer Architecture, Discrete Mathematics & Graph Theory, Computer Forensics, Big Data Analytics	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: Nil	International Journals: 1	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	Suhas Bharadwaj R		
Date of Birth	08/11/1992		
Unique ID	1-7332173298		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 5 years	Research:	Industry:	
Others:	Area of Specialization: Information Technology	Courses Taught at UG/PG Level: IED, Cognitive Science, Semantic Web, Unix and Shell Programming, Introduction to Cyber Security, Social Network.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National:	International Journals: 2	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 :	2		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


Faculty Profile			
Name	Suhaas K P		
Date of Birth	31/07/1991		
Unique ID	1-3196263515		
Education Qualifications	M.Tech., (Ph.D)		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 5 years	Research: 4 years	Industry: 6 month	
Others:	Area of Specialization: Adhoc Networks	Courses Taught at UG/PG Level: OOPs with C++, OOP with Java, Software Engineering, Advanced Computer Architecture, Protocol Engineering, Information & Network Security.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 2	International Journals: 11	Conferences: 4
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
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		

<b>Faculty Profile</b>			
Name	Mayura Dattatray Takire		
Date of Birth	13/01/1986		
Unique ID	1-3187707055		
Education Qualifications	M.E.(Computer Network Engineering)		
• Work Experience			
Teaching: 7 years	Research: 1 year	Industry: 2 years	
Others:	Area of Specialization: Machine Learning	Courses Taught at UG/PG Level: Concepts of C programming, Unix system programming, Software engineering, Mobile applications, Cloud computing, Wireless sensor networks, Wireless ad-hoc networks, Cloud computing	
• Research Guidance (Number of students)			
No. of paper published in	National: Nil	International Journals: 4	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	G N Shwetha		
Date of Birth	22/12/1986		
Unique ID			
Education Qualifications	B.E., M.Tech		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 7 years	Research: 2 years	Industry:	
Others:	Area of Specialization: Computer Networks	Courses Taught at UG/PG Level: Computer Organization, Information and Network Security, Introduction to Cyber Security.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National:	International Journals: 1	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	Monika Nag K J		
Date of Birth	30/05/1992		
Unique ID	1-3195515337		
Education Qualifications	M.Tech.		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 5 years	Research:	Industry:	
Others:	Area of Specialization: Computer Networks	Courses Taught at UG/PG Level: Wireless Communication Networks, Graph Theory , Computer Networks, Introduction to Engineering Design, Advances in Computer Networks, Distributed Systems, Client Server Programming, Protocol Engineering.	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National:	International Journals: 2	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 :	NIL		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		

Faculty Profile			
Name	Ashwini M		
Date of Birth	02/02/1993		
Unique ID	1-7332135658		
Education Qualifications	M.Tech		
<ul style="list-style-type: none"> <li>Work Experience</li> </ul>			
Teaching: 3 years	Research: NIL	Industry: NIL	
Others:	Area of Specialization: Computer Networks And Engineering	Courses Taught at UG/PG Level: Computer Forensics, Software Engineering, Introduction to C, Data Structure, Artificial Intelligence, Network Management, Research Methodology, Introduction to Machine Learning	
<ul style="list-style-type: none"> <li>Research Guidance (Number of students)</li> </ul>			
No. of paper published in	National: 1	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		

<b>Faculty Profile</b>			
Name	Shwetha S		
Date of Birth	24/03/1986		
Unique ID	1-7332135140		
Education Qualifications	M.Tech		
• Work Experience			
Teaching: 2 years 6 months	Research: NIL	Industry: 3 years	
Others:	Area of Specialization: Computer Science & Engineering	Courses Taught at UG/PG Level: Research methodology, Python, Mobile Application, Operating System, Big data Analytics, Research Methodology.	
• Research Guidance (Number of students)			
No. of paper published in	National: 2	International Journals: 3	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	PADMA MT	
Date of Birth	02-02-1991	
Unique ID	NIE844	
Education Qualifications	M.TECH	


• **Work Experience**

Teaching : 04	Research :	Industry :
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)

• **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 :	Diffuse Lung disease classification using deep neural networks		
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	Arpitha A	Photo Size  Size 2inch x 2inch
Date of Birth	24-03-1991	
Unique ID	NIE894	
Education Qualifications	BE(CSE) M.Tech(CSE)	


#### • Work Experience

Teaching : 3 Years	Research :	Industry :
Others :	Area of Specialization :Computer Science and Engineering	Courses Taught at UG/PG Level :Artificial Intelligence, C Programming

#### • 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 :	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	Shilpa B V	Photo Size 2inch x 2inch 
Date of Birth	12-09-1975	
Unique ID	NIE893	
Education Qualifications	BE(CSE), MTech(CNE)	

**• Work Experience**

Teaching : 18	Research :2	Industry :4
Others :-	Area of Specialization :Computer Network Engineering	Courses Taught at UG/PG Level : UG level – all 4 year subjects of CSE and ISE PG – subjects of software engineering, Computer science engineering MTech courses


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

No of papers Published in	National: 1	International Journals :1	Conferences :2
M. Sc (Completed / Ongoing) :	-		
Ph.D (Completed / Ongoing) :	-		
Projects Carried Out :	10+		
Patents (Filed & Granted)	Nil		
Technology Transfer :			
Research Publications :	2		
No. of Books published with details :	Nil		


(Name of Book, Publisher with  
ISBN, Year of publication, Etc)


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### Faculty Profile

Name	Vinay Bharadwaj K			
Date of Birth	02 January 1996			
Unique ID	NIE 901			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : nil	Research : nil		Industry : 2 yeas 6 months	
Others : nil	Area of Specialization :Data science		Courses Taught at UG/PG Level : UG	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National:	International Journals :	Conferences :	
M. Sc (Completed / Ongoing) :	nil			
Ph.D (Completed / Ongoing) :	nil			
Projects Carried Out :	Sentiment analysis using Machine learning			
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			

# **Master of Computer Science**

Faculty Profile			
Name	Dr.Girish		
Date of Birth	10/06/1970		
Unique ID	1-453840015		
Education Qualifications	B.E., M.tech., Ph.D.,		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching :27	Research : 10	Industry :	
Others :	Area of Specialization : Informationsecurity	Courses Taught at UG/PG Level :Computer networks, Software Engineering, Operating systems, Software testing.	
<ul style="list-style-type: none"> <li>5Research Guidance (Number of Students)</li> </ul>			
No of papers Published in	National: 3	International Journals :5	Conferences :2
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / 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)			

Faculty Profile			
Name	Dr.ASHA N		
Date of Birth	12-02-1976		
Unique ID	1-3566570462		
Education Qualifications	B.E., M.Tech, Ph.D		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching:24	Research: 8yrs	Industry: nil	
Others :	Area of Specialization: CS & E	Courses Taught at UG/PG Level: <ul style="list-style-type: none"> <li>• System Programming,</li> <li>• UNIXsystem programming,</li> <li>• Computer Organization,</li> <li>• Introduction to UNIX</li> <li>• Discrete Mathematical Structures,</li> <li>• Logic Design</li> <li>• C# &amp; .NET,</li> <li>• Computer Networks,</li> <li>• C Programming,</li> <li>• Object Oriented Programming with JAVA,</li> <li>• System Simulation and Modeling,</li> <li>• Digital Electronics,</li> <li>• Operation Research,</li> <li>• Introduction to Cobol,</li> <li>• Artificial Intelligenceetc</li> </ul>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students): yet to get the guideship</b></li> </ul>			
No of papers Published in	National:	International Journals :9	Conferences :4
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	nil		
Patents (Filed & Granted)	NIL		
Technology Transfer :	Nil		
Research Publications :	4		
No. of Books published with details :(Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		


Faculty Profile			
Name	SANJAY KUMAR C K		
Date of Birth	27 <sup>TH</sup> February 1972		
Unique ID	1-453840035		
Education Qualifications	BE Computer Science & Engineering M.Tech in Computer Networks Engineering PhD (Thesis Submitted)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching :16	Research : 8	Industry : 5	
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, Data Mining, Digital Image Processing, Unix & C Programming, Management Information Systems, Object Oriented Modeling and Design Patterns, Operating Systems,	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 4	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 :	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, Volume 3, Issue 5, Pg.285 -291	May 2015
	A Survey on Medical Image Segmentation	2nd International Conference on Science, Technology & Management	October 2017


		(ICSTM), IETE, Hyderabad.	
	A Survey on Medical Image Segmentation	<b>International Journal of Innovations &amp; Advancement in Computer Science IJIACS</b> <b>ISSN 2347 – 8616</b> <b>Volume 6, Issue 10</b>	<b>October 2017</b>
		<b>International Journal of Computer &amp;</b>	
	Brain Tumor Classification with RBF kernel SVM	<b>Mathematical Sciences IJCMS</b> <b>ISSN 2347 – 8527</b>	<b>March 2018</b>
		<b>Volume 7, Issue 3</b>	
	Classification of tumors in brain MRI images with hybrid of global and local DWT features	International Journal of Innovative Technology and Exploring Engineering (IJITEE)(Scopus Indexed) <b>ISSN: 2277-3878, Volume-8</b>	<b>Sept 2019</b>
	using decision tree	<b>Issue-12</b>	
	Categorization of	4 <sup>th</sup> International Conference on	
	Brain Tumors using SVM	Communications and Electronics Systems (ICCES), PPGIT, Coimbatore.	<b>March</b>
	With Hybridized Local-	<b>Paper published in IEEE Xplore.</b> Part Number: CFP20K25-ART; ISBN: 978-1-7281-	<b>2020</b>
	Global Features	4889-2	
No. of Books published with details :(Name of Book, Publisher with ISBN, Year of publication, Etc)	NIL		


### Faculty Profile


Name	K R SUMANA		
Date of Birth	2nd May 1978		
Unique ID	1-7368888508		
Education Qualifications	B. E., M.Tech., (Ph. D.)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 18 Years	Research : 5 years	Industry : NIL	
Others :	Area of Specialization : Software Engineering	Courses Taught at UG/PG Level : Data Structures, Programming with JAVA, Internet of Things, Artificial intelligence	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National:	International Journals :15	Conferences :02
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	Drowsiness Detection Model using Biomedical Signals		
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	Ananth G S		
Date of Birth	14/08/1984		
Unique ID	1-453840043		
Education Qualifications	B.Sc., MCA, (PhD)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 11 years	Research : 07 years	Industry : 03 years	
Others : -NA-	Area of Specialization : Data Mining, Recommender Systems	Courses Taught at UG/PG Level : PG	
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students) -NA-</li> </ul>			
No of papers Published in	National: 5	International Journals : 3	Conferences : 4
M. Sc (Completed / Ongoing) :	-NA-		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :			
Patents (Filed & Granted)	Nil		
Technology Transfer :	Yes. Many.		
Research Publications :	Google Scholar User: 0MR6MQUAAAAJ		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile			
Name	Vaishnavi		
Date of Birth	13/08/1993		
Unique ID			
Education Qualifications	B.E, M.Tech		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching :6 Months	Research : -	Industry :8 Months	
Others :-	Area of Specialization : MCA	Courses Taught at UG/PG Level : PG	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students): -</b></li> </ul>			
No of papers Published in	National: 1	International Journals : 2	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	NEETHI M V	Photo Size 2inch x 2inch 	
Date of Birth	15-06-1991		
Unique ID	NIE-843		
Education Qualifications	B.E,M.Tech,(PhD)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching :	Research :3	Industry :	
Others :	Area of Specialization :Image Processing, Machine Learning	Courses Taught at UG/PG Level :	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National:	International Journals :	Conferences : 1
M. Sc (Completed / Ongoing) :	M.Tech(Completed)		
Ph.D (Completed / Ongoing) :	Ongoing		
Projects Carried Out :	Yield Estimation of Fruit Crops		
Patents (Filed & Granted)	The work titled” “A System for Yield Estimation of Mango Fruit Crop Using Deep Learning” is filed for Patents, Patent application no: 202041043720, “shall be examined under sections 12 and 13 of the Act. Curriculum Development Activities/Seminars:		
Technology Transfer :			
Research Publications :	Have published an article “Yield Estimation in Mango Orchards Using Machine Vision” under AIP Conference Proceedings, 2336050004(2021), <a href="https://doi.org/10.1063/5.0046526">https://doi.org/10.1063/5.0046526</a>		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile			
Name	Gouri S Kulkarni		
Date of Birth	23/11/1995		
Unique ID	NIE841		
Education Qualifications	M.E(Computer Networking)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 0	Research :0	Industry : 1.8 year	
Others :0	Area of Specialization :Computer Networking	Courses Taught at UG/PG Level : NA	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 0	International Journals :0	Conferences :0
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	NA		
Projects Carried Out :	Unity Shell Application, NXAir admin view(Angular7), Feature Selection from apache spark, Multilingual character recognition(MATLAB).		
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	Madhu Nagaraj		
Date of Birth	08/03/1987		
Unique ID	NIE840		
Education Qualifications	M.Tech (CNE)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 0	Research :6 Months	Industry : 1.2 year	
Others: 0	Area of Specialization : WSN	Courses Taught at UG/PG Level : NA	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 0	International Journals :2	Conferences: 0
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	NA		
Projects Carried Out :	Hybrid Ant Colony Optimization for Sinkhole Detection in WSN, Pattern Mining and Prediction Using Data Mining.		
Patents (Filed & Granted)	NA		
Technology Transfer :	NA		
Research Publications :	Survey on approaches to Detect Sinkhole Attacks in Wireless Sensor Network, Hybrid Ant Colony Optimization for Detecting Sinkhole Attack in WSN.		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	NA		

# Physics

## Faculty Profile

Name	Dr. S Doreswamy	
Date of Birth	09-10-1968	
Unique ID	NIE104	
Education Qualifications	M.Sc, Ph.D	

- Work Experience**

Teaching : 27	Research :	Industry :--
Others :--	Area of Specialization : Condensed Matter Physics, Photonics	Courses Taught at UG/PG Level : Engineering Physics Engineering Physics Lab


- Research Guidance (Number of Students) 01**

No of papers Published in	National: --	International Journals:: 10	Conferences :02
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	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"> <li><b>Work Experience</b></li> </ul>			
Teaching : 13 Years	Research : 12 Years	Industry : Nil	
Others : -	Area of Specialization : Nuclear Physics, Material Science	Courses Taught at UG/PG Level : Engineering Physics - UG	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students) - 01</b></li> </ul>			
No of papers Published in	National: -	International Journals : 22	Conferences : 17
M. Sc (Completed / Ongoing) :	Completed - 2003		
Ph.D (Completed / Ongoing) :	Completed - 2009		
Projects Carried Out :	01 – Vision Group of Science and Technology, Gov. of Karnataka		
Patents (Filed & Granted)	-		
Technology Transfer :	-		
Research Publications :	22		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<p><b>“Free volume and Contact Lens Biopolymers”</b>            Authors: Dr. C. Ranganathaiah &amp; Deepa Urs M.V.            Publisher: VDM Verlag Dr. Muller eK            Year of Publication : 2010</p>		

## 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"> <li><b>Work Experience</b></li> </ul>				
Teaching : 13	Research : 03		Industry : 00	
Others : Nil	Area of Specialization : Solid State Physics		Courses Taught at UG/PG Level : Engineering Physics Theory Engineering Physics Lab	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students): 02</b></li> </ul>				
No of papers Published in	National: 03	International Journals : 12	Conferences : 10	
M. Sc (Completed / Ongoing) :	Completed in 2005			
Ph.D (Completed / Ongoing) :	Completed in 2012			
Projects Carried Out :	Nil			
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)	Nil			

## Faculty Profile

Name	Dr. Neetha S	
Date of Birth	03-02-1982	
Unique ID	NIE302	
Education Qualifications	M.Sc., Ph.D.	

### • Work Experience

Teaching : 17	Research :16	Industry :
Others :	Area of Specialization : Solid State Physics	Courses Taught at UG/PG Level : Engineering Physics

### • Research Guidance (Number of Students)

No of papers Published in	National:	International Journals :11	Conferences :03
M. Sc (Completed ) :	2004		
Ph.D (Completed) :	2010		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	11		
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	NIE743
Education Qualifications	Ph. D.

- Work Experience**

Teaching : 6	Research : 9	Industry :0
Others : 0	Area of Specialization : Radiation Physics, Condensed matter Physics.	Courses Taught at UG/PG Level : UG: Engineering Physics, Engineering Physics laboratory. PG: Mathematical Physics, Quantum Mechanics

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


No of papers Published in	National:	International Journals : 16	Conferences : 15
M. Sc (Completed / Ongoing) :	Completed		
Ph.D (Completed / Ongoing) :	Completed		
Projects Carried Out :	NIE CRD (on going)		
Patents (Filed & Granted)	--		
Technology Transfer :	--		
Research Publications :	16		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	--		


## Faculty Profile

Name	Dr. CHANDRA			
Date of Birth	10-08-1983			
Unique ID				
Education Qualifications	M.Sc. Ph.D			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : <b>11</b>	Research : <b>10</b>	Industry :		
Others :	Area of Specialization : <b>Solid State Physics</b>	Courses Taught at UG/PG Level : <b>Engineering Physics Theory</b> <b>Engineering Physics Lab</b>		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National: <b>07</b>	International Journals : <b>56</b>	Conferences : <b>15</b>	
M. Sc (Completed / Ongoing) :	2008			
Ph.D (Completed / Ongoing) :	2015			
Projects Carried Out :				
Patents (Filed & Granted)				
Technology Transfer :				
Research Publications :	<b>63</b>			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)				


# Chemistry

## Faculty Profile


Name	<b>Dr. L. SUKANYA RAVISHANKAR</b>			
Date of Birth	08.10.1965			
Unique ID	NIE 108			
Education Qualifications	M.Sc., Ph.D,			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching :	Research : 16	Industry : 02		
Others :	Area of Specialization : Organic Chemistry	Courses Taught at UG/PG Level : 1. Engineering Chemistry (Theory) 2. Engineering Chemistry (Lab)		
<ul style="list-style-type: none"> <li>Research Guidance (Number of Students)</li> </ul>				
No of papers Published in	National: Nil	International Journals : 04	Conferences : 06	
M. Sc (Completed / Ongoing) :	Nil			
Ph.D (Completed / Ongoing) :	01			
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	Dr. K. PUSHPALATHA		
Date of Birth	15.05.1963		
Unique ID	NIE 107		
Education Qualifications	M.Sc., Ph.D., (IIT/M)		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 36	Research : 17	Industry : Nil	
Others :	Area of Specialization : Physical Chemistry	Courses Taught at UG/PG Level : 1. Engineering Chemistry (Theory) 2. Engineering Chemistry (Lab)	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 02	International Journals : 10	Conferences : 14
M. Sc (Completed / Ongoing) :	Nil		
Ph.D (Completed / Ongoing) :	01(completed)/ 01 ( Ongoing)		
Projects Carried Out :	<ol style="list-style-type: none"> <li>Theoretical study of phase transitions of organic adsorbates at electrochemical interfaces - UGC, 3 Lakhs (2001-2004).</li> <li>Development of CIGS based Nanomaterials for PV cell - Co-investigator, VGST-CESEM, Rs. 60 Lakhs, (2011-2014).</li> </ol>		
Patents (Filed & Granted)	<ol style="list-style-type: none"> <li>A device to tap black carbon and other particulate matter from diesel engine vehicles 372428</li> <li>Multifunctional Polymer Nanocomposite thick film based optical band pass filter and photovoltaic converter (IP-3570-IN-17181077-PPA-2018)</li> </ol>		
Technology Transfer :	<ol style="list-style-type: none"> <li>Polymer based sensors towards structural health monitoring of truck tyres (Developing as a joint venture with TVL, Mysuru)</li> </ol>		
Research Publications :	12		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	<ul style="list-style-type: none"> <li>Engineering Chemistry in 2012, by Dr. K. Pushpalatha, Published by Wiley India. ISBN-10 : 8126532688</li> <li>Engineering Chemistry (Revised edition) 2014, by Dr. K. Pushpalatha, Published by Wiley India. ISBN-13 : 978-8126532681</li> <li>Mechanically flexible and visibly transparent polymer-based nanocomposites for UV-protective applications (Book Chapter) Authors: BM Jagajeevan Raj, KS Nithin, KN Shilpa, S</li> <li>Sachhidananda, S Sandeep, H Siddaramaiah, K Pushpalatha Publication date: 2021/1/1, Book: Polymer-Based Advanced Functional Composites for Optoelectronic and Energy Applications, Pages:117-134, Publisher: Elsevier</li> </ul>		


## Faculty Profile

Name	<b>Dr. P.M.RAMDAS BHANDARKAR</b>			
Date of Birth	29.02.1964			
Unique ID	NIE 109			
Education Qualifications	M.Sc., Ph.D.,			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 08	Research : 16		Industry : 02	
Others :	Area of Specialization : Inorganic Chemistry		Courses Taught at UG/PG Level : 1. Engineering Chemistry (Theory) 2. Engineering Chemistry (Lab)	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National: 01	International Journals : 10	Conferences : 08	
M. Sc (Completed / Ongoing) :	Nil			
Ph.D (Completed / Ongoing) :	01			
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	<b>Dr. Lakshmi Ranganatha V</b>		
Date of Birth	17-06-1987		
Unique ID	NIE568		
Education Qualifications	MSc., Ph.D.,		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 10 Years	Research : 11 Years	Industry : 2 Months	
Others : Nil	Area of Specialization : Organic Chemistry	Courses Taught at UG/PG Level : <ul style="list-style-type: none"> <li>Engineering Chemistry</li> <li>Engineering Chemistry Lab</li> <li>Organic chemistry (Reaction mechanism, Oxidation reduction, Named reactions)</li> <li>Organic Spectroscopy (IR, NMR, UV, and MASS spectroscopy)</li> <li>Organic Photochemistry and Pericyclic reactions</li> </ul>	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: Nil	International Journals : 60	Conferences : 02
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	01: Ongoing		
Projects Carried Out :	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)		
Patents (Filed & Granted)	Filed a group patent on "A system for stored water quality monitoring, stored water purification and stored water quality data communication". File No. 201741011886A.		
Technology Transfer :	Nil		
Research Publications :	60		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

Faculty Profile

Name	<b>Dr. Nithin K.S.</b>	
Date of Birth	10-06-1987	
Unique ID	NIE-584	
Education Qualifications	M.Sc., K-SET, PhD	


• **Work Experience**

Teaching : 10 years	Research : 07 years	Industry : NA
Others : NA	Area of Specialization : Nanoscience and Polymer Technology (Advanced Functional Materials)	Courses Taught at UG/PG Level : B.Sc. 2. M.Sc. 3. BE

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


No of papers Published in	National: 01	International Journals : 45	Conferences : 70
M. Sc (Completed / Ongoing) :	NA		
Ph.D (Completed / Ongoing) :	01: Ongoing		
Projects Carried Out :	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)		
Patents (Filed & Granted)	Filed a group patent on “A system for stored water quality monitoring, stored water purification and stored water quality data communication”. File No. 201741011886A.		
Technology Transfer :	Nil		
Research Publications :	60		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

## Faculty Profile


Name	<b>Dr. SANGAMESHA M A</b>			
Date of Birth	14.03.1988			
Unique ID	NIE275			
Education Qualifications	MS.c, Ph.D			
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>				
Teaching : 06 Yesrs	Research : 09 yrsrs	Industry : 02 years		
Others :	Area of Specialization :	Courses Taught at UG/PG Level :		
		<ol style="list-style-type: none"> <li>1. Engineering Chemistry</li> <li>2. Engineering Chemistry Laboratory</li> </ol>		
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>				
No of papers Published in	National: 12	International Journals : 13	Conferences : 01	
M. Sc (Completed / Ongoing) :	Nil			
Ph.D (Completed / Ongoing) :	Nil			
Projects Carried Out :	<ol style="list-style-type: none"> <li>1. Received Rs. 2,62,068=00 from KIBITS, for working on exhaust gas carbon Extractor (EGCE)</li> <li>2. Biodegradable plastic mulch films from agriculture waste for sustainable, VGST, RGS-F 2021, 3.0Lakhs</li> <li>3. "Biodegradable mulching sheet for sustainable agriculture" KSCST under "Student Project Programme- 44th Series".</li> </ol>			
Patents (Filed & Granted)	A device to tap black carbon and other particulate matter from diesel engine vehicles 372428			
Technology Transfer :	-			
Research Publications :	16			
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil			

# Mathematics

### Faculty Profile

Name	R Jyothi		
Date of Birth	31/07/1963		
Unique ID	NIE101		
Education Qualifications	M. Sc Mathematics		
<ul style="list-style-type: none"> <li>• <b>Work Experience</b></li> </ul>			
Teaching : 32	Research : -	Industry : -	
Others : -	Area of Specialization : Number Theory, Functional Analysis	Courses Taught at UG/PG Level : Engineering Mathematics from I to V semesters, Applied Engineering Mathematics and Applied Mathematics for M.Tech	
<ul style="list-style-type: none"> <li>• Research Guidance (Number of Students) -</li> </ul>			
No of papers Published in	National: -	International Journals : -	Conferences : -
M. Sc (Completed / Ongoing) :	Completed		
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. Roopa S V	
Date of Birth	12-03-1974	
Unique ID	NIE102	
Education Qualifications	PhD	


• **Work Experience**

Teaching : 22	Research :8	Industry :
Others :	Area of Specialization :Graph Theory	Courses Taught at UG/PG Level : 1. Calculus, Statistics and Linear Algebra 2. Multivariable Calculus and Laplace Transforms 3. Applied Mathematics-1 4. Discrete Mathematics and Probability Theory 5. Transforms, Numerical methods and Number Theory.

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

No of papers Published in	National: 0	International Journals :5	Conferences :1
M. Sc (Completed / Ongoing) :	.....		
Ph.D (Completed / Ongoing) :	Completed		
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	Shivarajkumar	
Date of Birth	20/08/1982	
Unique ID	NIE 729	
Education Qualifications	Ph.D.	


- Work Experience**

Teaching : 06	Research :04	Industry :NIL
Others :	Area of Specialization : Combinatorics and Number Theory	Courses Taught at UG/PG Level : Calculus, Discrete Mathematics, Linear Algebra


- Research Guidance (Number of Students)**

No of papers Published in	National: NIL	International Journals :07	Conferences : Nil
M. Sc (Completed / Ongoing) :			
Ph.D (Completed / Ongoing) :	01 (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	BHUVAN E NALIGE		
Date of Birth	07/01/1989		
Unique ID	NIE 803		
Education Qualifications	Ph.D.		
<ul style="list-style-type: none"> <li>• <b>Work Experience</b></li> </ul>			
Teaching : 03	Research :05	Industry :01	
Others :	Area of Specialization : Number Theory	Courses Taught at UG/PG Level :	
<ul style="list-style-type: none"> <li>• <b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: NIL	International Journals : NIL	Conferences : Nil
M. Sc (Completed / Ongoing) :	NIL		
Ph.D (Completed / Ongoing) :	NIL		
Projects Carried Out :			
Patents (Filed & Granted)			
Technology Transfer :			
Research Publications :	09		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)			

**Faculty Profile**

Name	Santhosh H B		
Date of Birth	16.03.1988		
Unique ID	NIE804		
Education Qualifications	MSc. Ph.D		
<ul style="list-style-type: none"> <li><b>Work Experience</b></li> </ul>			
Teaching : 10	Research :07	Industry :Nil	
Others :Nil	Area of Specialization :Fluid Mechanics	Courses Taught at UG/PG Level : Engineering Mathematics, Linear Algebra.	
<ul style="list-style-type: none"> <li><b>Research Guidance (Number of Students)</b></li> </ul>			
No of papers Published in	National: 01	International Journals :07	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 :	09		
No. of Books published with details : (Name of Book, Publisher with ISBN, Year of publication, Etc)	Nil		

## Faculty Profile

Name	Dr. SHUBHA NAGARAJ	
Date of Birth	06 <sup>th</sup> February 1979	
Unique ID	NIE702	
Education Qualifications	PhD	


- Work Experience**

Teaching : 14 yrs	Research : 09 years	Industry : -
Others :	Area of Specialization : Fluid mechanics	Courses Taught at UG/PG Level : UG: Engineering Mathematics from I Sem to V Sem PG: Applied Mathematics

- Research Guidance (Number of Students)**

No of papers Published in	National:	International Journals : 03	Conferences : 05
M. Sc (Completed / Ongoing) :	COMPLETED - 2003		
Ph.D (Completed / Ongoing) :	COMPLETED - 2009		
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	Krupa N	
Date of Birth	25/06/1987	
Unique ID	NIE546	
Education Qualifications	MSC Mathematics	


• **Work Experience**

Teaching : 10	Research :	Industry :
Others :	Area of Specialization :	Courses Taught at UG/PG Level : 1. Calculus, Statistics and Linear Algebra 2. Multivariable Calculus and Laplace Transforms 3. Basic Mathematics 4. Applied Mathematics-1 5. Transforms, Numerical methods and Number Theory. 6. Complex Analysis, Stochastic Process and Special functions 7. Complex Analysis, Numerical Analysis and Stochastic process 8. Discrete Mathematics and probability theory

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

No of papers Published in	National:	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :	.....		
Ph.D (Completed / Ongoing) :	Completed		
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	NIE651	
Education Qualifications	MSC Mathematics	

• **Work Experience**

Teaching : 4	Research :	Industry :
Others :	Area of Specialization :	<b>Courses Taught at UG/PG Level :</b> 1. Calculus, Statistics and Linear Algebra 2. Multivariable Calculus and Laplace Transforms 3. Basic Mathematics 4. Applied Mathematics-1 5. Transforms, Numerical methods and Number Theory. 6. Complex Analysis, Stochastic Process and Special functions 7. Complex Analysis, Numerical Analysis and Stochastic process

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

No of papers Published in	National:	International Journals :	Conferences :
M. Sc (Completed / Ongoing) :	.....		
Ph.D (Completed / Ongoing) :	Completed		
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)	.....		

