



Engineering A Better Tomorrow

An Autonomous Institution
Affiliated to VTU, Belagavi,
Approved by AICTE, New Delhi,
Recognised by UGC with 2(f) & 12 (B)
Accredited by NBA & NAAC

HEARTY WELCOME TO THE CHAIRMAN
AND MEMBERS OF GOVERNING COUNCIL

Progress Highlights since last GC Meeting

XXVI GOVERNING COUNCIL
28th September 2019

Progress Highlights since last GC Meeting

Progress has been made in various activities since last Governing Council Meeting held on 22nd June 2019. Valuable suggestions and inputs provided during XXIV GC Meeting were considered carefully and implemented in the Institution for the overall development and growth.

Progress Highlights since last GC Meeting

- MVJCE has organized an Induction program for I year BE students from 5th August to 17th August 2019. As a part of induction program, we had a motivation talk from Mr. Arjun Devayya, an International Athlete on 16.8.2019. He addressed all I year students as well as faculty members.
- MVJCE hosted a one day Workshop on “**Readying Students for Industry 4.0**” on 24th August 2019. The Chief Guest for the workshop was Dr. Anil D Sahasrabudhe, Chairman AICTE. Dr B N Suresh Chancellor Indian Institute of Space Science and Technology Thiruvananthapuram gave the opening address. **60 Projects** were displayed by the students.
All the stake holders including students, parents, employers and other Academicians attended this workshop. **45 Industries** have attended this workshop.

Progress Highlights since last GC Meeting

"I year BE students Induction Program was conducted from
5th - 17th August 2019



Progress Highlights since last GC Meeting

“Readying Students for Industry 4.0”



Progress Highlights since last GC Meeting

MVJCE has organized an **'Annual Alumni Meet' on 25.08.19 (Sunday)** in Smt. Rajalakshmi Jayaraman Seminar Hall. The Meet was attended by around **81 alumni** to rejoice the success of their Alma-mater. **Two Distinguished alumni awards & three recognition awards** were given to the nominated alumni.

Name of the Award	Name of the Recipient Alumni & Company	Batch	Branch
Entrepreneur Category	Mr Rajiv Nair CEO of Terrabit Consulting Group	1982-1986	ECE
Technology Category	Mr Anil T Chacko, Delivery Manager, Capgemini, Bangalore	1987-1991	CSE
Recognition Award	1. Mr Anil Kumar K, CEO, Varma Industries	1984-1988	Civil
	2. Mr Rajesh R, Technical Consultant, J Shadow Technical Enterprises, Canada	1987-1991	EEE
	3. Mr Balkishan Kumar, Co founder of UrbanKare (Start up by Govt. of Bihar)	2003-2007	CSE

Progress Highlights since last GC Meeting

MVJCE has organized an **'Annual Alumni Meet' on 25.08.19 (Sunday)**
The Meet was attended by 81 alumni participated
2- Distinguished alumni awards & 3- recognition awards were given



Progress Highlights since last GC Meeting

Research Fund Received

- Department of Electronics & Communication Engineering:
Department of Electronics & Communication had received fund of Rs. 1,92,000 from AICTE to organize 2 week FDP Programme
- Department of Electronics & Communication had received fund of Rs. 10,000 from VTU For two student projects
 1. Smart intelligent Personal assistant robot
 2. Alexa based navigation system.
- Department of Information Science & Engineering: Two Final year student projects received VTU fund of Rs. 3000/- & Rs. 5000/-

Progress Highlights since last GC Meeting

Project Submitted for funding

Department of Computer Science & Engineering:

1. K.Sindhanaivelan and J.Karthick Myilvahanan Submitted a research proposal for ISRO in the title "Design & Development of a Software-Defined Satellite Network Architecture and its validation using the onboard Control Plane Problem" for worth of Rs.18.53 Lakhs on August, 2019
2. K. S. Arvind, V Vinoth Kumar, S. Uma Maheswaran, submitted for financial support to CSIR on the Research Proposal title, "Smart Pervasive Healthcare Management System for Autism Spectrum Disorder Patients using Internet of Things" with the budget Rs.12.71 Lakhs on 11.07.2019.
3. Dr. Manju Bargavi S. K Enrichment of packet transmission in military operation scenarios using ACO proposal submitted to DRDO-ARMREB By

Progress Highlights since last GC Meeting

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Department of Electrical & Electronics Engineering:

Proposal titled "Development of low cost microcontroller based power quality control system for roof top PV applications" Submitted to CPRI under RSOP scheme by Dr. Soumya Mishra , Budget: Rs. 25.60 Lakhs

Department of Mechanical Engineering:

Dr. C. K. Madhusudana and Dr. Hemantha Kumar (NITK, Surathkal) submitted a project proposal entitled Structural health monitoring of CFRP structure using FBG sensor and ML to ISRO Respond Scheme on July, 2019, Project Value: Rs. 35.0 lakhs

Progress Highlights since last GC Meeting

FDP/Workshops Organized

Sl. No	Dept.	Workshop	Details of Workshop
1	ECE	<ul style="list-style-type: none">• AICTE sponsored Two weeks Faculty Development Programme on Graphical Programming and Real Time Programming during 08th July 2019 to 19th July 2019.• MVJ College of Engineering in association with IIT Bombay, organized “One Day Python workshop for Teachers” on Saturday, 22nd June, 2019 at MVJCE.	<ul style="list-style-type: none">• 24 Faculty Members attended this FDP.• 13 Faculty Members attended and received certificates.
2	ME	Dr. N Chandra, Principal Scientist, Structural Technologies Division, CSIR - National Aerospace Laboratories, Bengaluru	Seminar on Advances in Experimental Structural Dynamics of Aerospace Products on 07/09/2019.
3	MBA	One day workshop on “ Micro Analysis of Financial Statement – MAFS ” was conducted by Dr.S.Chandrasedkar, Ex Vice President, ING Vysya Bank on 13th September 2019..	38 students participated in the workshop. By the end of the workshop, students were able to analyse the financial statement in 30 seconds

Progress Highlights since last GC Meeting

FDP/Workshops Organized

Sl. No	Dept.	Workshop	Details of Workshop
4	CH	<p>Three Day Faculty Development Program on 'Recent Trends in Engineering Materials & Nano Technology' from 4th July 2019 to 6th July 2019. The keynote speakers were</p> <ul style="list-style-type: none">• Dr S T. Aruna, Principal Scientist, Surface Engineering Division, NAL, Bangalore• Dr Kathyayini Nagaraju, Professor, CIIRC, Jyothi Institute of Technology, Bangalore• Dr. Balaram Sahoo, Associate Professor, Materials Research Center, IISc, Bangalore• <i>Dr C D Madhusoodana</i>, General Manager, BHEL Corp R & D, Bangalore	<p>The industrial visit was arranged for the faculties on 6th July 2019 to HP Green R&D Centre, Devanagundi, Bangalore</p>

Progress Highlights since last GC Meeting

Club / Special Lab Activities

Sl.No	Dept	Activity	Details of Activity
1	AE	Aeromodelling club organized a Workshop on RC Fixed Wing Aircraft Modelling from 20 th - 21 st September 2019	The Resource persons were Mr. Dinesh Kumar, Engineer at Skyfi labs and Mr. Guru Datt , Flying Expert at Skyfi labs . 55 students have attended this workshop
2	CH	"Chem-Clave" on 4 th September 2019	92-students participated in Chemical Quiz with winners
3	CSE	"TechTATVA" on 21st August 2019 Two rounds were conducted.	<ul style="list-style-type: none"> • First round was a Quiz Buzz conducted on 7th August 2019, where more 50 teams (100 students) participated. This was a pen and paper round in which 15 teams got short listed • Second round ANIMATE-IT, conducted on 21st August 2019. Each of the 15 teams was given an on the spot topic for UI/UX App creation. The teams were given topics like stock market, food ordering, mobile banking etc.
4	ECE	<ul style="list-style-type: none"> • "IEEE Emperica" under IEEE Student Branch on 06th September 2019 • "DRISHTI Online contest" in association with Edgate Technologies on 22.08.2019 	<ul style="list-style-type: none"> • 40 teams from different department have been participated and 40 ideas were presented in the event • Around 95 students attended the contest

Progress Highlights since last GC Meeting

Club / Special Lab Activities

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Sl. No.	Dept.	Activity	Details of Activity
5	EEE	Organised a club activity "Techbuzz" on 30 th August 2019	30 teams, each team consisting of 2 students from 1 st ,3 rd ,5 th and 7 th semester participated in the club activity. 19 teams and were shortlisted for the second round and 5 teams for the final round.
6	ISE	'Drishtikon' on 6 th September 2019	Conducted Department Club (Eikon) event
7	MBA	AGNIUDAYA for 3 rd Semester MBA students on 5 th September 2019	41 students participated in the activity.

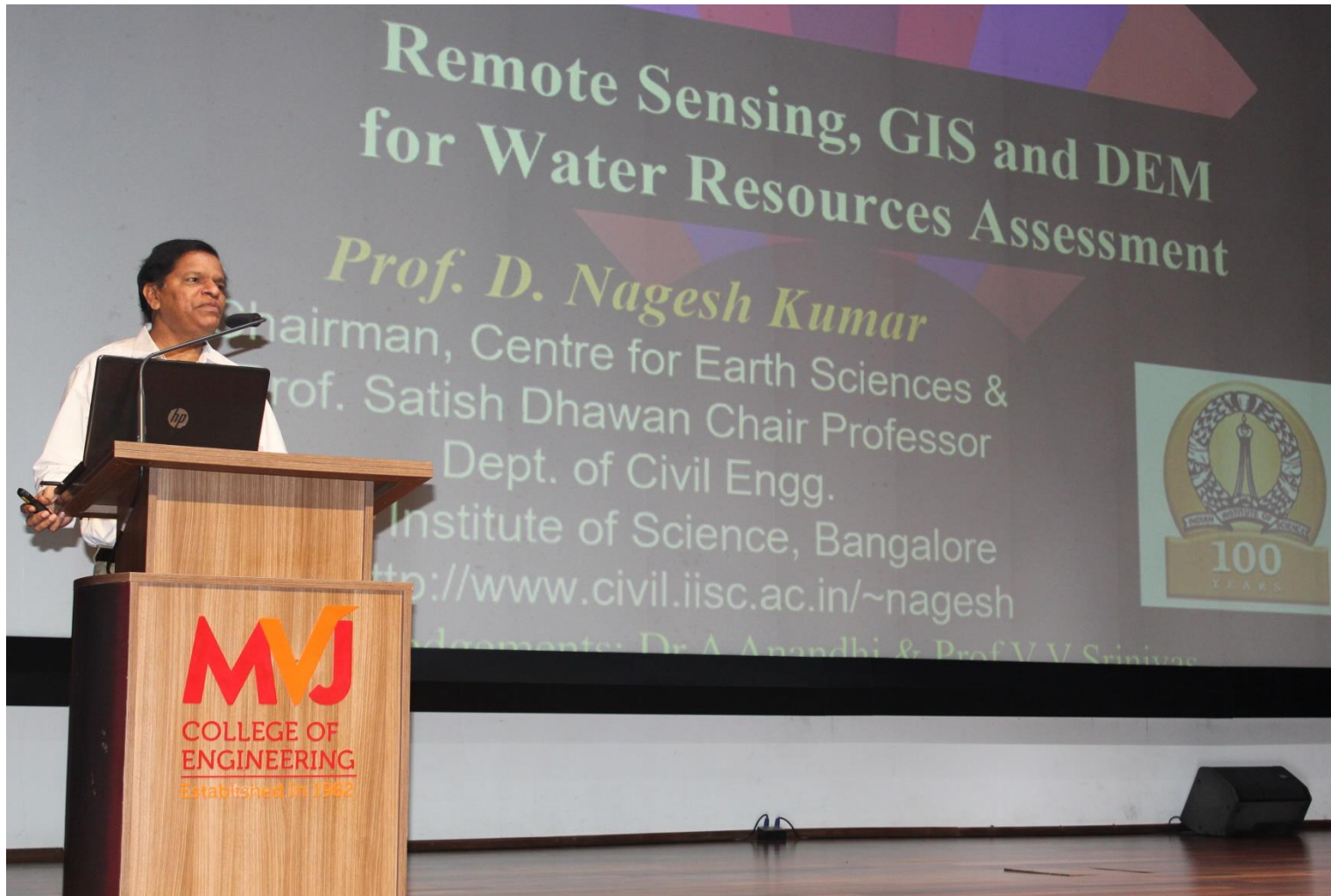
Progress Highlights since last GC Meeting

Guest Lectures / Sessions

Sl.No.	Dept.	Activity	Details of Activity
1	CIVIL	<ul style="list-style-type: none">• “Pitfalls in Investigations and Consequential Failures of Structures”• Remote Sensing, GIS and DEM for Water Resources Assessment	<ul style="list-style-type: none">• Prof. B. R. Srinivasa Murthy, Professor (Retd.), IISc., Civil Engineering Department Bengaluru,, Advisory Consulting , on 31st August 2019, 225 Students are Participated along with Faculty Members• Dr. D. Nagesh Kumar, Professor, Dept. of Civil Engineering, IISc, Bengaluru, on 21st September 2019.
2	CSE	Enterprise Computing and the opportunities in industry	Mr Pearlson Christopher, IBM, Bangalore on 07.09.2019
3	EEE	High voltage engineering titled “Lightning Phenomena, its effects and Protection”	Dr. Vijay H Bhosale Sc“F” LRDE (DRDO)

Progress Highlights since last GC Meeting

Guest Lecture by Dr. D. Nagesh Kumar, Professor,
Dept. of Civil Engineering, IISc, Bengaluru, on 21st September 2019



Progress Highlights since last GC Meeting

Guest Lectures / Sessions

Sl.No.	Dept.	Activity	Details of Activity
4	ECE	<ul style="list-style-type: none"> Training Programme on 3D Printing & PCB Printing Skill Development Programme on NI Labview Graphical Programming module-I Radar & Signal Processing Data Science and Analysis 	<ul style="list-style-type: none"> organized in Robotics laboratory on 29th & 30th August 2019- 1st Batch, 04th & 05th September 2019- 2nd Batch, 06th & 07th September 2019- 3rd Batch., 90 Students attended the workshop. Skill Development Programme on NI Labview Graphical Programming module-I (Classes on Wed & Fri 4.00 Pm -5.30 PM) from 16th August 2019 Dr Rathna G N, Principal Research Scientist, IISc, Bangalore & Shri. Vishnu O C, Scientist E, LRDE, Bangalore on 31st August 2019 Guest Lecture on on 10th August 2019. Resource speaker: Anand Gurumurthy, Founder Director / CEO, Cosmitude Software Private Limited

Progress Highlights since last GC Meeting

Students Activity- Industrial Visit

Sl.No.	Dept.	Company / Organization	Details of Visit
1	CV	READY MIX CONCRETE Plant, Samethanahalli, Bangalore.	80 Students along with two faculty members have visited on 23 rd September 2019
2	CSE	CSIR- Fourth Paradigm Institute, Bangalore	5 th semester – B section visited the Industry on 28 th August 2019.
3	ECE	District Telecom Training Centre (DTTC), BSNL, Bangalore.	23 rd & 24 th September 2019 for III sem UG students.
4	EEE	High voltage laboratory, IISc, Bangalore	VII sem students on 23 rd August 2019
5	ISE	C-DAC Bangalore	V semester ISE Dept. students on 6th August 2019

Progress Highlights since last GC Meeting

Students Achievements

Sl.No.	Dept.	Name of the Students	Details
1	AE	Mr. Hayath khan, Mr. Nabeel ahmed, Mr. Areeb Nihal, Mr. Omkar lawate, Mr. Sarthak Deshmukh	Second place in the National Aerospace Conceptual Design Competition (NACDeC-II), organized by the Aeronautical Society of India (AeSI, Mumbai Chapter)
2	CH	Chavali Sri Sannihita, S. Kaviya, Suhas G Puranik, Vignesh Prakash	"New Generation Ideation Contest 2019 "organized by HPCL Green R&D Centre, Bangalore. Out of 115 ideas received, 30 ideas were selected. Students' idea on "New Carbon Capture by Integrated Microalgae-Banana Peel System" was selected for poster presentation and participated on 12.09.2019
3	MBA	Ashwin Dexter	TED Style talk on "Leadership and Crisis Management" to the Managers and Staff of the company on 09 th August 2019 at Capgemini, Bangalore

Progress Highlights since last GC Meeting

Students Achievements

Sl.No.	Dept.	Name of the Students	Details
4	CSE	<ul style="list-style-type: none">Ruchitha D J,Rohit NateshAshitha Agarwal,Saurav Mishra,Chinmai Khanderaya,Chinmay K,Shubham Mishra	<ul style="list-style-type: none">b-Book project done by (6thsem) secured first place in SMART INDIA HACKTHON 2019 at IIT Indore and awarded with Rs 1 Lakh cash Prize.b-Book project is selected to be exhibited for "Innovation Exhibition" conducted by MHRD Innovation Cell from 9th to 11th September 2019Attended direct interview for TCS Digital offer through TCS CodVita- A TCS flagship contest. TCS provide three types of offers to fresher's TCS Ninja (3.5 LPA), TCS Digital (5 LPA and Above),TCS Innovation(7.5 LPA and Above).Shubham Mishra got the TCS digital offer.

Progress Highlights since last GC Meeting

Workshop / Sessions attended by students

Sl.No.	Dept.	Name of the Students	Details
1	AE	Abhishek P, Afra Kaunain, Bittianda Theertha Bheemaiah, Shahid Nazir Ali Ahmed Shireen Nazz	one day National Seminar on “Aircraft Design” organised by Aeronautical Society of India on 17 th Aug at Aeronautical Society of India, Bangalore
2	MBA	Ashwin Dexter, Krishna S M (3 rd Sem)	Two-days Management Development Programme on “Redefining Effectiveness Through Business Analytics”, at Kristu Jayanti School of Management, Bengaluru 560077 from 23 rd August 2019 to 24 th August 2019
3	ECE	<ul style="list-style-type: none">Abhishek Janardri, Ganapathi, Mohit & Nishant ShastryMs. Spoorthy	<ul style="list-style-type: none">One day lecture on the topic “Important issues and challenges towards 5G-Technology ” organized by Telecom Regulatory Authority of India 29th August 2019 at The Capitol Hotel, BangaloreIEEE Women in Engineering International Leadership Summit 2019 on 30th and 31st Aug 2019 at Sterlings Mac Hotel, Bangalore

Progress Highlights since last GC Meeting

Students Paper Publications

Sl. No.	Dept.	Name of the Students	Details
1	CH	<ul style="list-style-type: none">• Tejas Busad, Saraswati Kulkarni, Aniketh Jadhav, Aswin Dubey, Chetan• V.Nitilesh Kumar, Anup C Halekote, Hemanth Kumar B.J & Akshay	<ul style="list-style-type: none">• "Green synthesis of zinc oxide nanoparticles using fruit peel extracts and its application in antimicrobial activity and adsorption studies", International Journal of Management, Technology And Engineering, vol. 9, issue 6, pp. 4034-4043, June 2019• Adsorption of Natural Oil Spills Using Human Hair as Sorbent", Asian Journal of Applied Science and Technology, vol 3,issue 3, pp. 184-188, August 2019
2	CIVIL	Shilpa M. Swaraj	Treatment of Domestic Wastewaters Using Activated Sludge Process - A Case Study", International Journal of Scientific Research in Multidisciplinary Studies, August 2019

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl. No.	Dept.	Name of the Faculty Members	Details
1	AE	Antony Samuel Prabu G, Vishnu Raj, Amogh Ballolli Irfan Khan	Design and Analysis of Spiroid Winglet for Drag Reduction, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol.5, Issue 7, 2019
2	AE	Gupta, S.C.	<ul style="list-style-type: none"> Numerical Analysis of a Wing Optimized for Aerodynamic Performance Driven from two Different Prospective, International Journal of Research & Analytical Reviews, Vol.6, Issue 2, 2019. A New Concept in Generation of 3-D Low Drag Aerofoil Shapes, Journal of Advance Research in Aeronautics & Space Sciences, Vol.6, Issue 1&2, 2019
3	AE	Vishnu Raj , Antony Samuel Prabu G,Amogh Ballolli, Irfan Khan	Optimizing a Sensor Network for Structural and Usage Health Monitoring for a Tapered Wing, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol.5, Issue 7, 2019
4	AE	Antony Samuel Prabu G, N Vara Prasanth, Aasish T,B Vinay C N	Structural Design & Optimization of Aircraft Wing Spar, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol.5, Issue 7, 2019

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl. No.	Dept.	Name of the Faculty Members	Details
1	CH	M Nagapadma, Mohammad Shahid Afreed, Muhammad Salih, Muhammed Mushrif CM, Nekho B,	"Comparative Studies of Biodiesel Production from Waste Cooking Oil Using Ultrasonication with Different Catalyst", International Journal of Management, Technology and Engineering, vol.9,issue 6,pp.4009-16,June 2019
2	CH	M Nagapadma, Akash, Mahadev Kalse , Shubham Dube, Misba Batool,M	"Adsorption Studies Of Crystal Violet Dyes Using Chitosan –Hnts Hydrogels", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3951-3959, June 2019
3	CH	M Nagapadma, Chavali Sri Sannihita, Suhas G Puranik	"Carbon Sequestration in Soil Ecosystems- A review, International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 4009-4016, June 2019.
4	CH	M Nagapadma, Arjun Kumar. A, Jithesh. S. Rai, Swaroop B.S & Mohammed Afzal	"Electricity from Urine - A Review", Asian Journal of Applied Science and Technology, vol 3,issue 3, pp. 184-188, August 2019

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Members	Details
5	CH	Sreekanth B, Supriya N V, Mamathasri N	Aqueous Two-Phase Extraction for Purification of Betalains", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 4024-4032, June 2019
6	CH	Keerthi K Pai, Dhanush Pendurthi, Sumashree S, Bhavesh V Patel, Mriganka Nath,	"Effectiveness of MoS ₂ Nanoparticle in Photocatalytic Degradation of Dye: A Review", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3960- 3967, June 2019
7	CH	Keerthi.K.Pai , Mohammad Ziyad Thahzeebb, G.Monica Yadav ,Monisha Manoharan , Mohammed Saleeque	"Investigation on stability and properties of nanofluids based on MoS ₂ and SnWO ₄ ", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3985- 3992, June 2019
8	CH	Keerthi K Pai, V Saravanan, Neetha John	"A Review on Nanofluid for Heat Transfer Intensification-Types, Preparation and Thermo-Physical Properties", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp.4258-4266, June 2019.

Progress Highlights since last GC Meeting

Faculty Achievements – Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details of Activity
9	CH	Keerthi.K.Pai, Anju P Sruthi, Sreelakshmi TK, Faiyaz Miyan & Judewin Joy	"Applications of Nanofluids in Solar Energy- A Review", Asian Journal of Applied Science and Technology, vol 3,issue 3, pp. 175-183, August 2019
10	CH	Athira Asokan, Ayana Amrithanatha, S Kaviya and Uma Nair	"Converting Plastic Waste to Fuel as a solution for Energy crisis and Plastic Waste Disposal- A Review", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3923-3932, June 2019
11	CH	Athira Asokan, Dr. B.R. Veena, Lekhan S T, Krishnaraj, Rathan B Kulal, Jeevraj Rai	"Biosynthesis of Iron oxide nanoparticle from Piper betle and fabrication of Ironoxide-PVC nanocomposite membrane", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3993- 4000, June 2019
12	CH	Athira Asokan, Suman K L, Anirudh B Poojari, Joel Lobo	"Production of Biohydrogen from Whey Permeate using Clostridium butyricum", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 4017- 4023, June 2019

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details of Activity
13	CH	Athira Asokan, Abdulla Murshid, Milan Benny, Albin Francis & Abdul Mirza	,"A Review on Green Chemistry and Green Engineering on Environmental Sustainability", Asian Journal of Applied Science and Technology, vol 3,issue 3, pp. 194-201, August 2019
14	CH	Athira Asokan, E Arulsevi, Madan A, Divya P K & Shaik Simran Khalil	"Synthesis of Ferrofluid and Its Applications - A Review", Asian Journal of Applied Science and Technology, vol. 3, issue 3, pp. 207-214, August 2019
15	CH	C D. Madhusoodana, Chaitra D, K L Shivabasappa	Design of Membrane Reactor for Hydrogen Production and Separation using Ceramic Membranes", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3938-3945, June 2019
16	CH	Chaitra D, Naveen G	"Production of Oxalic acid using Parthenium hysterophorus", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3946- 3950, June 2019.

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details of Activity
17	CH	Mrs Chaitra D, Anshuman R Warriar, C. Shobhitha, Hasini Dosapati, Merline Sheral Noronha	"Removal of Heavy Metals from Water by Titaniumdioxide and Green Tea Coated Titaniumdioxide Nanoparticles", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3975- 3984, June 2019
18	CH	Kezia Buruga, Mohammed Thashreef, Arjun V, Lakshmi C R, Nishan M S	Fabrication of Polymer–Halloysite Nanotube Membrane for Water Treatment", International Journal of Management, Technology and Engineering, vol. 9, issue 6, pp. 3913- 3922, June 2019
19	CH	Sayanasri Varala, Vivek Ravisankar, Maha Al- Ali, Mark I. Pownceby, Rajarathinam Parthasarathy, Suresh K Bhargava,	"Process Optimization Using Response Surface Methodology for the Removal of Thorium from aqueous solutions using rice-husk", Chemosphere, vol. 237-124488, pp. 1-9, June 2019
20	CH	M. Nagapadma, Rakesh M, Nanditha N, Sushma K M & Bhargavi K S	"Desalination of Seawater Using Graphene oxide Membrane", Asian Journal of Applied Science and Technology, vol 3,issue 3, pp. 202-206, August 2019.

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details of Activity
1	CV	Dakshayani T.R, Shilpa M. Swaraj, Vetrivel. N,	"Treatment of Domestic Wastewaters Using Activated Sludge Process - A Case Study", International Journal of Scientific Research in Multidisciplinary Studies (IJSRMS), vol.5 (8), pp. 49-52, Aug. 2019.
2	CV	Dakshayani T.R and Nisha M,	" Modern Methods of Construction Techniques", Indian Building Congress, vol.27, pp. 90-93, Jun. 2019.
3	CV	Lakshmi V and Shivakumar N V,	"Time History Analysis Irregular Base Isolated Structure with and without masonry infill", Journal of Emerging Technologies and Innovative Research, vol.6 (6), Jun. 2019
4	CV	Nisha M	"Effect of Nano-Silica in Fly Ash concrete", International Journal of Emerging Technologies and Innovative Research, vol.6 (8), pp. 140-143, Jun. 2019.
5	CV	Muralidhara R, Dr. Vivek R Das and Varsha Danavandi,	"Analysis of Flexible Pavement with Steel Slag as Coarse Aggregate", ERCAM-2019, Conference Paper, Jul. 2019.

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details of Activity
1	CS	Mrs Manju Khanna	"Application of neural networks and lifting wavelet transform for long term solar radiation power prediction", International Conference on cybernetics, Cognition and Machine learning application, Springer, 16 th August 2019.
2	CS	Mr J Karthik Myilvahanan, Mr Mohammed Yousuf, Dr Sindanaiselvan K	"Bi-crypto: An efficient system with enhanced security", International journal of recent technology and engineering July 2019.
3	CS	Dr V Vinoth Kumar, Dr K. S. Arvind, Dr S. Uma Maheswaran, Suganya K.S	, "Hierarchal Trust Certificate Distribution using Distributed CA in MANET" International Journal of Innovative Technology and Exploring Engineering,(2019),Vol.08, Issue.10,pp.2521-2524
4	CS	Mrs Sheethal Garg	Detection and Classification of Tumors Using Medical Imaging Techniques: A Survey" : Intelligent Communication Technologies and Virtual Mobile Networks August 2019, volume 33

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details of Activity
1	ECE	Shima Ramesh Maniyath, R Geetha,	"ECC Encrypted Secure Reversible data hiding on real time images with enhanced security" ARPN Journal of Engineering and Applied Sciences, Scopus Indexed, Vol.14, No.15, August 2019.
2	ECE	Dhanasekaran Sundararaj, Padmanabhan K, Ananthi Sabapathy	,Micro strip Antenna Design by Entrenching the Ground Plane Around the Patch" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Scopus Indexed, Volume-8 Issue-5S3, July, 2019
3	ECE	Ananthi S, K. Padmanabhan, Bhagvan Shree Ram, Arun Ananthanarayanan	,"Research on Speech Codec with Compression using Legendre Polynomials", International Journal of Engineering and Advanced Technology (IJEAT), Scopus Indexed, ISSN: 2249 – 8958, Volume-8 Issue-5S3, July, 2019
4	ECE	Sudhamathi. K,Deepa, S.Sabapathy, Ananthi, Krishnasamy ,Padmanabhan and, J.Rama	,"Bit Error Performance of Variations along the Spectrum for the Several Sub Carrier, International Journal of Engineering and Advanced Technology (IJEAT), Scopus Indexed, ISSN: 2249 – 8958, Volume-8 Issue-5S3, July, 2019

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details of Activity
1	ISE	Ms Sanchari Saha,	"Comparative Analysis of Proposed Distributed Group Key Management Technique with Existing ECC-Homomorphism and Coded Cooperative Data Exchange Group Key Management Technique for Multithreaded WBAN Security", International Journal of Engineering Sciences and Management - A Multidisciplinary Publication of VTU, August 2019; Vol: 1, No: 2, pp: 16-22.
2	ISE	Ms Anaswara Venunadh,	"Recent Research in Vision Based Hand Gesture Recognition for Human Computer Interaction", International Journal of Research and Analytical Reviews (IJRAR), Vol 6, issue 2, June 2019, ISSN:2348-1269.
3	Maths	C. Sateesha, A.P.Reddy and S. H. Manjula,	"Numerical Solution for Fractional Integro-Differential Equations Using Haar Wavelets," Int. J. Res. Anal. Rev., Vol.6, pp.215-220, May 2019.
4	Maths	A. P. Reddy, C. Sateesha and S. H. Manjula,	"Numerical approach for Bagley- Torvik fractional differential equations using Haar wavelets," J. Inf. Comp. Sci., April 2019.(Article in Press::Accepted for publication: Manuscript ID: jic20190210)

Progress Highlights since last GC Meeting

FDP/ Seminar/ Workshops Attended by Faculty

Sl. No.	Dept.	Name of the Faculty Member	Details of Workshop
1	AE	<ul style="list-style-type: none">Mr Akhil A ChandranDr R Rajasekar and Mr Syed Moshin	<ul style="list-style-type: none">Summer School on "Advanced Lithography and Device Fabrication" at Indian Institute of Technology, Mandi from 25th June to 2nd July 2019.one day National Seminar on "Aircraft Design" organised by Ae.S.I on 17th August 2019 at Aeronautical Society of India, Bangalore.
2	CV	Prof. Nisha M	Faculty Development Program on "Recent Trends in Utilization of Waste Materials in Construction Industries & its Impacts", Department of Civil Engineering, School of Architecture, on 22 nd to 27 th July 2019, Ramaiah Institute of Technology, Bangalore
3	CS	<ul style="list-style-type: none">Mr J Karthik Myilvahanan Mr Mohammed Yousuf , Dr Sindanaiselvan KMrs Ashwini H K, Mrs Nisha K B, Mrs Thanu and Mr Mohammed Yousuf	<ul style="list-style-type: none">2-days CSIR sponsored national level workshop (online) on "Big Data Analytics using Hadoop" from 8th and 9th August 2019 held at SCAD Institute of Technology, Palladam.one-week FDP on "Business Intelligence & Big Data Analytics" organized by Electronics and ICT Academy, NIT Warangal at Koneru Lakshmaiah Education Foundation. 1st July to 6th July 2019

Progress Highlights since last GC Meeting

Faculty Research Publications

Sl.No.	Dept.	Name of the Faculty Member	Details
1	MATHS	A. P. Reddy, C. Sateesha and S. H. Manjula,	Haar wavelet collocation method for solving the system of linear Fredholm integral equations with constant coefficients," Int. J. Mech. Rob. Sys., June 2019. (Article in Press::Accepted for publication: Manuscript ID: IJMRS_250485).
2	ME	R. K. Rao, K. Gudimetla, M. S. Kumar, S. R. Kumar, P. Venkatachalam,	<ul style="list-style-type: none">• "Effect of Back Pressure on the Consolidation Behaviour of Titanium Sponge Particles Processed by ECAP", Materials Science Forum, Vol. 969, pp 565-569, Aug. 2018.• "Analysis of the Tribological Properties of Commercial Pure (CP) Aluminum Developed by Chip Consolidation through Equal Channel Angular Pressing (ECAP)", Materials Science Forum, Vol. 969, pp 361-366, Aug. 2018.

Progress Highlights since last GC Meeting

FDP/ Seminar/ Workshops Attended by Faculty

Sl. No.	Dept.	Name of the Faculty Member	Details of Workshop
1	ME	Dr. P. Venkatachalam	Seminar on `Advanced Aerospace Materials` conducted by Society of Indian Aerospace Technologies & Industries, Bangalore on 31st May 2019
2	Physics	Mr.Mohan kumar C R	3-days FDP for student Induction programme organised by AICTE at Cambridge Institute of Technology, Bangalore from 17/06/19 to 19/06/19

Progress Highlights since last GC Meeting

Faculty Achievements - Completion of online Certificate Courses

Sl. No.	Dept.	Name of the Faculty Member	Details of Workshop
1	ECE	Dr Rajeev Kamal	completed short time online courses on System Verilog Verification -1, 2 , 3 & 4 from Udemy
2	CSE	Prof. Kala H S	completed online Coursera course on "Programming for Everybody (Getting started with Python)



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Thank You