



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**

**XXVIII GOVERNING COUNCIL MEETING
10th Oct 2020**

Progress Highlights since last GC Meeting

Progress has been made in various activities since last Governing Council Meeting held on 13th May 2020. The Valuable suggestions and inputs provided during XXVIII GC Meeting were considered carefully and implemented for the overall development and growth of the institution.

Progress Highlights since last GC Meeting

Ph.D ACHIEVERS

1. **Mrs. Shanchari Sha**, HOD of Information Science & Engineering Department has submitted her Ph.D thesis to VTU Belagavi, and successfully completed her final viva on 17th June 2020 and awarded Doctor of Philosophy in the area “Wireless Networks and Cryptography”
2. **Mrs.Ramya C** , Assistant Professor in the Department of CS&E has submitted her Ph.D thesis to VTU Belagavi, and successfully completed her final viva on 5th Aug 2020 and awarded Doctor of Philosophy in the area of “A Novel Approach to Optimization of Web Information Retrieval”

Progress Highlights since last GC Meeting

FACULTY ACHIEVEMENTS

- Dr.Tamilarsi & Dr.Shoaib Kamal, ASP in the Department of ECE received Rs. 1,34,900/- funds from National Institute of Advanced Studies (NIAS) to carryout Grassroots Innovative Project titled " Intelligent sun glass for blind people "
- Mr.Suhas & Mrs.Akshitha G, Asst. Professors in the Department of Mechanical Engineering received Rs.65000/- from NIAS to carryout Grassroots Innovative Project titled " Laddu Making Machine"
- Dr.Vivekanand Huddar & Mr.Jagadesh A Professor & HOD of Department of Mechanical Engineering received Rs.86500/- from NIAS to carryout Grassroots Innovative Project titled " Semi Automatic Agricultural Pesticide Sprayer".

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

Department of Aeronautical Engineering.

Abhimanyu 1.0

The Aeronautical Society of India has set-up a Design Division, intended to offer a platform for inter-organisational exchange of ideas, accordingly the Competition was launched on 31st Aug 2017 asking colleges to submit a letter of intent by 30th Sept 17. A total of 18 Colleges had submitted Letter of Intent to participate. After Submission of Conceptual proposal, 9 teams were shortlisted for the next stage. The nine team had to design their aircraft and submit a detailed report with all necessary drawings, calculations.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

Of the 9 teams, 5 teams were shortlisted for the finals wherein the team were asked to give a presentation on their design which was followed by question and answer session from the expert panel of judges comprising Dr TG Pai, Dr K Sudhakar and Dr RK Pant. The award was given to the winning team by Padmashri Dr Kota Harinarayana, Head Design Division of Aeronautical Society of India. Finally FIVE teams were selected for finals.

The aircraft designed by the students of MVJCE met all the Specific Requirements of the Passenger (PAX) Mission as well as the Air Sea Rescue (ASR) Mission.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

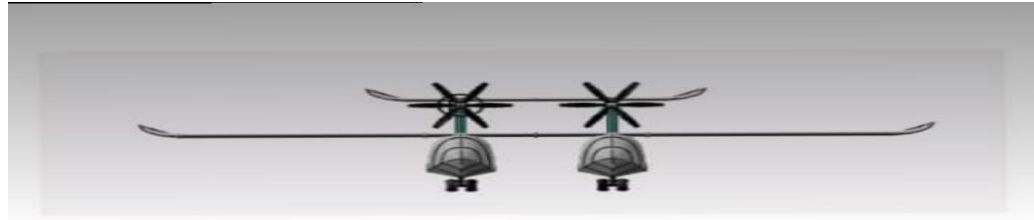
The team comprises Sriram, Radhakrishna, Hayath Khan, Nandakumar and Shrikrishna. The mentor for the Team was Prof SC Gupta, Head of Department Aeronautical Engineering, MVJCE.

The finals was held at AeSI complex in Bangalore on 25th Aug 2018 and Team Abhimanyu from MVJ College of Engineering won the first prize with a cash award of (₹20,000/-).

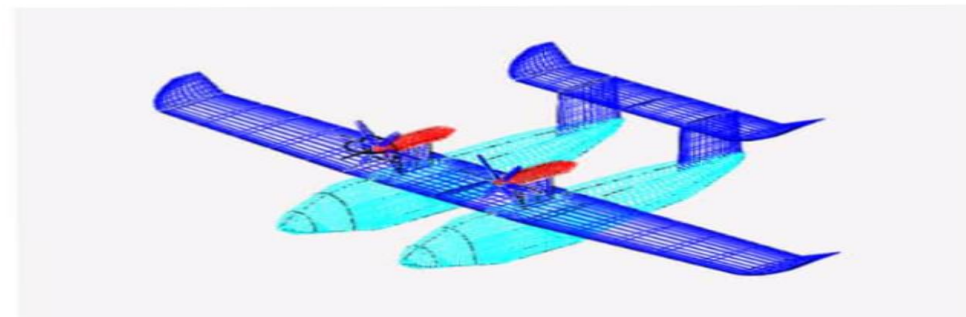
Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

Front View



Side View:



Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

Abhimanyu 2.0

The Aeronautical Society of India – Mumbai organized the Second National Aerospace Conceptual Design Competition, on 17th August, 2019.

This project was based on the conceptual design of a LIDAR-equipped Unmanned High-Altitude Platform LU-HAP, which can carry out mapping of coastal habitats, detecting shoreline changes and generating an accurate digital elevation model of coastal areas, for scientific studies.

The NACDeC 2.0 consisted of three main rounds, preceded by a zeroth review which involves problem statement, mission requirements and the calculations expected from the participants.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

Abhimanyu 2.0

The First round was a preliminary design round, or initial concept round, wherein a report was to be submitted – a report consisting of literature survey, UAV configuration/structure layout, propulsion method, mission profile and basic approach. This report was to be submitted on 8thJan 2019. Then 20 teams were shortlisted, including our team Abhimanyu 2.0

The Second round was midterm review, wherein all the calculations for propulsion was submitted on 25thMarch 2019. After reviewing of these reports, 14 teams were selected for the next round.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

Abhimanyu 2.0

The third round includes the submission of the final report, wherein the team did stability, analysis, and the finalists were asked to prepare a Power Point presentation.



Team ABHIMANYU Discussing Solution for given problem at Aeronautical Society of India , Mumbai Branch.

MVJCE bagged the 2nd prize for their UAV design and received certificate of merit and a cash prize of ₹15000 from the AeSI Committee. MIT Manipal got the 1st prize and IIT Kanpur the 3rd prize.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

" Sarthak Dinesh Deshmukh, Nehal Kankanwadi, Patel Amir Abdul, Shireen Naaz, Keerthi of VIII semester AE won the **First Prize** in National Aircraft Conceptual Design Competition III (NACDEC III) on the Topic "Conceptual design and sizing of a High Altitude Long Endurance Aerial Platform (HALEAP)".

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

Initially nearly one hundred teams submitted their willingness and their concept on 30th Jan 2020. Out of those, only 25 teams were shortlisted for the second submission on 7th July 2020. In third round, only five teams out of twenty-five teams were shortlisted on 30th Aug 2020. Those five teams were permitted to present their concepts in Final Design Report Presentation with the highlights of design concepts. The grand finale was held on 12th Sept 2020.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

In finals our MVJ Team named "ABHIMANYU 3" has won the first prize in the whole of the competition after three elimination rounds. The MVJCE – Abhimanyu 3.0 team has touched all the points of the conceptual design of the given aircraft with the flawless analysis. The highlight is that they bought-outs like solar panels and electric engines are provided with the corresponding images, specifications and vendor details. It is announced by Prof Pant that our MVJCE – Abhimanyu 3.0 team has consistently ranked first in every stage. MVJCE is proud to be part of ever winning team in NACDEC competitions.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- Hemanth Kumar B J and V Nithilesh Kumar of 8th semester Chemical Engineering secured Best Paper Award Award (Stream: Environmental Biotechnology) for paper presentation on “Preliminary studies for the reduction of methylene blue dye in aqueous solutions using natural coagulants-process optimization via Taguchi method” in the National Conference, BRIO 2020, organized by Sree Budha College of Engineering, Kerala from 18th to 19th June, 2020.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- Abdulla Mursid M B and Milan Benny of 8th semester Chemical Engineering secured Best Paper Award (Stream: Nanotechnology) for the paper "Synthesis of graphene based aerogel for waste water treatment", in the National Conference, BRIO-20 organized by Sree Buddha College of Engineering, Kerala from 18th to 19th June, 2020.
- Mr Shubham Mishra student of CSE has published a paper on "Segmentation of Brain Tumour from MRI images using fast marching method", in IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT), Coimbatore, 2019, pp.1-5.doi: 10.1109/ICECCT.2019.8869281

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- 1) A paper titled "Smartect Security and Automation using IoT & Image Processing" by Prof. Kumar R, Deepak Jangir, H S Rakshak, Krishan Jangir, Yezdan published paper in International Journal of Research and Analytical Reviews (IJRAR), August 2020, Volume 7, Issue 3.
- 2) A paper titled " IOT Based Remote Health Monitoring System for Elderly People "by Prof. Shilpa S, V Aishwarya, Varnitha M , Prathiksha Shetty published paper in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), September 2020, Volume 9, Issue 1.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- 1) A paper titled "Pedestrian Detection with ID" by Dr. Sanchari Saha, Kanaram, Dalbir, Abhishek Pratap, Abhinav Gupta got published in International Journal of Engineering Research and Management (IJERM) , July 2020, Volume-07, Issue-07.
- 2) A paper titled "Document Verification Using Blockchain Technology" by Prof. Latha SS, Kailash, Abhishek Patil, Madhu Keshav, Karthik H got published in International Journal of Research and Analytical Reviews (IJRAR), August 2020, Volume 7, Issue 3.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- Tanuja N, 7th sem, has successfully completed a eight weeks online training on Android App Development from 29th April to 24th June 2020., organised by Intershala trainings.
- Tanuja N, 7th sem, participated in a National level e-Quiz on “Awareness of Cyber Forensics” during 1st to 3rd Aug 2020 organized by Department of Information Science and Engineering, Siddaganga Institute of Technology, Tumakuru.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- Bhimarayappa Mannikeri student of Pre-final in EEE has successfully completed the course on Robotics in June 2020.
- Aditya N Koundinya (1MJ17EE003) has actively participated in the Technical talk on Machine Learning for Electrical Engineers on 5th Sept 2020 organized by Department of Electrical and electronics engineering, IEEE Student Chapter, held in Amrita School of Engineering, Bengaluru.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- Mr. Ganapathi N A, Mr. Manjunath R and Mr. Ganesh Babu R have applied for NATIONAL BUDDING INNOVATORS AWARD – 2020 in the field of agriculture sciences on 31st Aug 2020.
- Mr. Bharath Raj, Mr. Shivalinga N, Ms. Pooja D P and Ms. Kusuma C D of Squad 07 participated in the inaugural edition of Hacksagon 2020 held on 13th to 16th Sept 2020.

Progress Highlights since last GC Meeting

STUDENT ACHIEVEMENTS

- Students from Department of ECE received the funds of Rs 5000/-for the project titled "Eye Movement Controlled Wheel Chair" by KSCST under the guidance of Mr.Murugesh K, Assistant Professor, Department of ECE.
- Students from Department of CSE received the funds of Rs 4500/-for the project titled " SAFE (Safety Analysis and Food Engineering) with DAA" by KSCST under the guidance of Mr. Md.Yousuf, Assistant Professor In CSE.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- 1) IS&E Department has organized Five-day Faculty Development Program on "Cyber Security and Big Data Analytics" from 14th to 19th Sept 2020 jointly with the Department of Computer Science and Engineering in association with IETE, Bangalore Chapter. Resource speakers for the FDP were : Mr. Samarth Bhaskar Bhat, Technical Director, Reverse Engineering Infosec, Mr. Sai Satish, Founder & CEO of Indian Servers, Mr. Senthil Kumar Chockalingam, Assistant Vice President, Barclays Services, USA & Mr. Devadasan, CTO Analytic Solutions.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- 1) IS&E Department has organized Webinar on 'Evolution of Bigdata' for faculty members & UG/PG students on 27th June 2020. Resource speaker for the webinar was Mr. Balamurugan Natarajan, Oracle architect, Cognizant Technology Solutions.
- 2) IS&E Department has organized Webinar on 'DevOps-Fusion of Agile operations' for faculty members & UG/PG students on 26th Sept 2020. Resource speaker for the webinar was Mr. Dilip Gundala, Senior Solution Manager, Unisys, Bangalore.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- 1) On 17th Sept 2020 Information Science & Engineering Department has received Fund of Rs. 3,68,000/- from AICTE, New Delhi for conducting 6 days STTP.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

1. Dr.P.Suresh, ASP, Department of Aeronautical Engineering, attended Six days online Faculty Development Programme on “Novel Materials and it’s Industrial Applications on 13th-18th May 2020, organized by the Centre of Excellence for Composite Research and Department of Mechanical Engineering, Karpagam College of Engineering, Coimbatore.
2. Dr.P.Suresh, ASP, Department of Aeronautical Engineering, attended one Week Online Certificate Course on “Digital Teaching Techniques” organized by ICT Academy from 29th June 2020 to 04th July 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- 1) All the faculty members of our institution participated in Webinar on “Pedagogy & Assessment in the time of COVID-19” by Dr Viraj Kumar, Member of GC, Visiting Professor, Divecha Centre for Climate Change, IISc, organized by MVJ College of Engineering on 4th July 2020.
- 2) Prof. Shilpa S, AP, Dept of IS&E, delivered an invited lecture on “Python programming” organized by East West college of Engineering on 9th August 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Mrs. Soumyashree S H, Mrs. Athira Asokan & Dr. Sayanasri Varala attended three days' Workshop on "Evidence Based Teaching and Learning Strategies in Higher Education" conducted by IISER, Bhopal from 13th to 15th July 2020 under the aegis of the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme, MHRD.
- Mrs. Soumyashree S H and Mrs. Chaitra D Assistant Professors in Chemical Engg Dept. attended 5 days Online FDP on "NAAC ACCREDITATION 2020 – REG "conducted by GCEM, Bangalore from 27th to 31st July 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr Sayanasri Varala, Prof. Soumyashree S H and Mrs. Athira Asokan attended Online FDP on “Emerging trends in Energy, Environment & Nanomaterials” conducted by Department of Applied Chemistry, Sri Venkateswara College of Engineering from 24th to 30th July 2020.
- Mrs. Soumyashree S H, Dr. Manisha Bal, Dr Sayanasri Varala and Mrs. Athira Asokan attended 3 days Train the Trainer program on "Industrial Applications of Fluid Power" during 2020, sponsored by VTU (TEQIP) from 4th to 6th Aug 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr. Manisha Bal, Soumyashree S H and Mrs. Chaitra D attended Five days online FDP on “NAAC Accreditation for affiliated colleges 2020 - Roadmap and Guidelines” organized by Department of Mechanical Engineering, Gopalan College of Engineering and Management from 27th to 31st July 2020.
- Mrs. Athira Asokan, Mrs. Chaitra D, Dr. Sayanasri Varala, Dr. Manisha Bal and Mrs. Soumyashree S Hosamani attended FDP on “Advanced Materials and Manufacturing for Industry 4.0” organized by Department of Mechanical Engineering MVJCE Bangalore from 22nd to 26th Sept 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Department of Civil Engineering organized a webinar on “ Autonomous vehicle lanes for a seamless transition to future mobility” by Dr Shantanu Chakraborty, Post-Doctoral Researcher, School of Civil & Environmental Engineering, University of New South Wales, Sydney, Australia on 09th July 2020.
- Eleven Faculty of Civil Engineering Department has participated in Faculty Development Programme on “Sustainability Aspects and Recent Trends in Civil Engineering- The Future Scenario” Organised by BMS Institute of Technology and Management from 14th to 18th July 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- 1) Dr. N Vetrivel, Prof. Swetha M V, Prof. Dhivya A, & Prof. Chandrasekaran attended Certification Course on “Digital Teaching Techniques” organized by ICT Academy from 29th June 2020 to 4th July 2020.
- 2) Prof.Muralidhara R attended webinar on “ Effect of Corrosion on the Durability Of Concrete Infrastructure” Organized by Sri Siddhartha Institute of Technology, Tumkur held on 24th July 2020.
- 3) Mrs.Anupama attended FDP on “Current Environmental Impacts & Sustainable Research Solutions” Organized by Sree Buddha College Of Engineering, Alapuzzha from 21st to 28th July 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Department of CSE has organized webinar on 29th June 2020 on the topic “Mighty ocean Collective Intelligence”.
- Department of CSE has organized webinar on 7th Aug 2020 on the topic “Data Science Using HADOOP Ecosystem”
- Department of CSE has organized “Ideation Challenge ” as club activity on 12th Sept 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Department of Electronics & Communication Engineering has organized a Webinar on “Internet of Things for Covid-19” by Dr.Pethuru Raj Chief Architect and Vice President Site Reliability Engineering (SRE) Division Reliance Jio Infocomm.Ltd. (RJIL), Bangalore on 30th May 2020.
- Department of E&C has organized a Webinar on “Artificial Intelligence Techniques in MATLAB” by Dr. G. N. Rathna Principal Research Scientist, IISc, Bengaluru and Mr. Shashi Kumar J K, Mr. Rakshith B S , Senior application Engineers, Corel Technologies, Bengaluru on 25th Sept 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Ms.VARSHA H, Assistant Professor, Department of Electronics & Communication Engineering participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "BLENDED AND FLIPPED APPROACH IN TEACHING AND LEARNING" from 24th to 28th Aug 2020 at National Institute of Technical Teachers' Training and Research, Chennai.
- Ms.Minal Kalpesh D, Assistant Professor, Department of Electronics & Communication Engineering, participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Telemedicine" from 14th to 18th Sept 2020 held at R.M.K. Engineering College.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr. Tamilarasi, Ms.Shima Ramesh & Mr.Murugesh K faculty members, Department of Electronics & Communication Engineering successfully completed 6 days Online FDP on "Recent Trends In Information Technology" by St. Joseph's Institute of Technology, Chennai from 13th to 18th July 2020.
- Ms.Vijitha UG, Assistant Professor, Department of Electronics & Communication Engineering participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Robotics" from 24th to 28th Aug 2020 at Government Polytechnic Harapanahalli.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr. Shoaib Kamal & Mr. Naheem Ahamed, Faculty members of, Department of Electronics & Communication Engineering successfully completed Online Five day FDP on "Sensors & Their Applications" in the Dept. of ECE, of Vemana Institute of Technology, Bengaluru from 13th to 17th July 2020.
- Ms. Shima Ramesh, Assistant Professor, Department of Electronics & Communication Engineering successfully completed 5 days online FDP on "IoT and Wireless Sensor Networks", organized by Department of E&C, Brindavan college of Engineering, Bangalore from 21st to 31st July 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Registration to ATAL Academy course on Thrust areas identified by AICTE:

- Ms.Shima Ramesh registered Workshop on "Artificial Intelligence" sponsored by AICTE Training and Learning (ATAL) Academy from Computer Science & Engineering Department, Motilal Nehru National Institute of Technology Allahabad (MNNIT), Prayagraj, UP, India during 1st to 5th Oct 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Registration of NPTEL Courses by faculty:

1. Sixteen Faculty members from Aeronautical Engineering Department (Dr John Baruch, Dr.D.Saravanan, Dr P.Arunagiri, Dr.P.Suresh, Dr Vijaya Kumar, Gopinath B, S KalyanYadav, Syed Mohsin, Ayesha Khan, Antony Samuel Prabhu G, Naveen Nayaka R, Irfan Khan, Akhil A Chandran, Tamilselvam N, Rohit Kumar, AmoghBallolli), had registered for " Introduction to Aerospace Engineering in July 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Registration of NPTEL Courses by faculty:

2. Seventeen Faculty members of Aeronautical Engineering Department has (Dr John Baruch, Dr Rajasekar, Dr.D.Saravanan, Dr P.Arunagiri, Dr.P.Suresh, Dr Vijay Kummar, Gopinath B, S KalyanYadav, Syed Mohsin, Ayesha Khan, Antony Samuel Prabhu G, Naveen Nayaka R, Irfan Khan, Akhil A Chandran, Tamilselvam N, Rohit Kumar, AmoghBallolli), registered for “ Introduction to Aircraft Design”. Both these courses are offered by Prof.Rajkumar S. Pant of IITBombay

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED Registration to Swayam MOOC Courses by faculty:

- Ms.Vijitha UG, Assistant Professor, Department of Electronics & Communication Engineering enrolled and attending swayam MOOC Course on “Robotics” from Sept till Nov 2020.
- Ms.Ramya V, Assistant Professor, Department of Electronics & Communication Engineering enrolled and attending swayam MOOC Course on “Embedded system Design using MSP430” from Sept till 4th Dec 2020.
- Ms.Anitta D, Assistant Professor, Department of Electronics & Communication Engineering enrolled and attending swayam MOOC Course on “Innovation by Design” from 14th Sept till 9th Oct 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Registration to Swayam MOOC Courses by faculty:

- Ms.Shruthi N, Assistant Professor, Department of Electronics & Communication Engineering enrolled and attending swayam MOOC Course on “Analog Communication” from 14th Sept till 19th Dec 2020.
- Ms.Chitra T C, Assistant Professor, Department of Electronics & Communication Engineering enrolled and attending swayam MOOC Course on “Applied electromagnetics for engineers” from 14th Sept till 19th Dec 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Registration to Swayam MOOC Courses by faculty:

- Ms.Minal, Assistant Professor, Department of Electronics & Communication Engineering enrolled and attending swayam MOOC Course on “Introduction to Embedded System Design” from September 2020 till November 2020 .
- Dr. Manisha Bal ASP in Chemical Engg Dept. registered for Swayam MOOC Courses on Colloids and Surfaces Duration of the course- (Sept – Nov, 2020)
- Dr. Manisha Bal , ASP in Chemical Engg Dept. registered for Swayam MOOC Courses on Infrared spectroscopy for pollution monitoring: Duration of the course- (Sept – Nov,2020)

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr. Abraham George has completed the short term training programme through ICT mode on Electricity Act, Rules and Codes of Practices, organized by NITTR, Kolkata from 15th to 19th June 2020.
- Dr. Abraham George has participated in five days online International FDP titled on Education 4.0 The Future Ahead, organised by Internal Quality Assurance Cell in association with Department of Science and Humanities during 10th-14th August 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr. Soumya Mishra & Mrs. Renjini E Nambiar has participated in FDP “The Recent Trends in Electrical Engineering” from 20th to 26th July 2020, organised by Department of Electrical and Electronics Engineering and IEEE Student Chapter of Amrita School of Engineering -Bangalore.
- Renjini E Nambiar has successfully completed one-week FDP on “ICT tools for online teaching, learning and evaluation” held during 27th July to 1st Aug 2020 by NIE Mysore.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr.H.Sathish kumar has participated in the one week international FDP on Renewable energy application in smart grid, Micro grid and EVs organised by Department of EEE,GMR institute of technology, Rajam from 13th -17th July 2020.
- Mrs.Hemalatha G has participated in one week international FDP on “Renewable Energy Application on Smart Grid, Micro Grid, an EV’s” organized by GMR Institute of Technology from 13th to 17th July 2020.
- Dr.Hema Kumar Reddy has participated in the five day online FDP program on Research perspectives of artificial intelligence in electrical engineering organised by department of EEE Sri Ramakeishna institute of technology from 27th to 31st July 2020.

• Mrs.



Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Dr.P.Suresh, ASP, Department of Aeronautical Engineering, attended Three days FDP on “Industrial Application of fluid power” from 4th-6th August 2020 organized by Gogte Institute of Technology, Belagavi, on Fluid Power society of India under VTU (TEQUIP).
- Mechanical Engg Dept has organized a webinar on “Computational Mechanics of Smart Magneto-Electro-Elastic Structures using Finite Element Methods” by Dr. Vinyas M, CV Raman Post Doctoral Researcher, Dept. of Aerospace Engineering, IISc, Bengaluru on 18th July 2020.

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

- Mechanical Engineering Department has organized a webinar on "Inventive problem solving (TRIZ) and IP Generation" by Shri Tito Kishan Vemuri, CEO, Pronin Consultancy and Chairman ATTI on 18th Sept 2020.
- Mechanical Engg Dept has organized 5 days Online FDP on "Advanced Materials and Manufacturing for Industry 4.0" from 22nd to 26th Sept 2020 in association with Institution's Innovation Council, Institution of Engineers India (IEI) and Indian Welding Society (IWS).

Progress Highlights since last GC Meeting

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

1. Prof.Chandrashekar G L,Prof. Mohan Kumar K, and Prof. Niranjana Hugar have attended a Certification Course on Digital Teaching Techniques conducted during 29-06-2020 to 4-07-2020
2. Prof Suhas B,Prof Suchith K S, Prof.Rakeshasharma K R, Dr.Sangamesh G, Prof Akshitha G, Niranjana Hugar, Mohan Kumar K, Chandrashekar G L, Akshitha G, and Pramod R Sharma have attended 5 Day International online FDP on “EDUCATION 4.0” The Future ahead between 10.08.2020 to 14.08.2020 conducted by Sri Sairam College of Engg., Bangalore
3. Dr Huddar V B, Prof Mohan Kumar K, Prof Niranjana Hugar, Prof Chandrasekhar G L, and Prof Pramod R Sharma have attended a webinar on Aspects of Outcome Based Education and Use of Software between 06.08.2020 to 08.08.2020 conducted by Sri Venkateshwara College of Engineering, Pennalur Sriperumbudur

Progress Highlights since last GC Meeting

ABOUT ACADEMIC EXCELLENCE

- IS&E Department has submitted funded research proposal titled “To Develop a methodology to Detect and Localize a Submerged Submarine Using Sea Skimming Drone Carrying Magnetic Anomaly Detector (MAD) System” to Naval Research Board by Dr. Mannar Mannan (PI) , ASCP, Dept of ISE & Dr. Sanchari Saha (Co-PI), HOD, Dept of ISE on 3rd June 2020. The proposal is presented by Dr. Mannar Mannan (PI) in front of Naval Research Board on 26th June 2020.

Progress Highlights since last GC Meeting

Patent Publications:

- Dr. Shoaib Kamal published patent for “social media sentiments: profile based mapping social media sentiments using deep learning programming” on 21st Aug 2020.

Faculty Paper Publications:

1. A paper titled “Smart Scheduling on Cloud for Traffic Signal to Emergency Vehicle Using IoT” by Dr. Mannar Mannan got published in International Journal of Cloud Computing (Inderscience Journal-Scopus Indexed), in July 2020.

Progress Highlights since last GC Meeting

Faculty Paper Publications:

2. A paper titled " Smart scheduling on cloud for IoT-based sprinkler irrigation" by Dr. Mannar Mannan got published in International Journal of Computing and Communications (Emerald -Scopus Indexed) in May 2020, DOI 10.1108/IJPCC-03-2020-0013.

3. Manisha Bal, Dipamitra, Usha Kumari, Subrata Biswas, B. C. submitted paper on " Hydrodynamic study and particulate matter removal in a self priming venturi scrubber " Environmental Technology & Innovation, [Volume 20](#), 2020, 101167, Elsevier Publications (In Press).

Progress Highlights since last GC Meeting

Faculty Paper Publications:

4. Mr. Thilak Gowda, " An Experimental Study on Strength Enhancement of Locally Available Soil Using Terrazyme", International Journal of Future Generation Communication and Networking (IJFGCN), vol. 13 (3), pp. 2902-2911, Aug. 2020

5. Tamilselvam Nallusamy, Dr. Vijayakumar.S, Dr. Jayamurugan.P, "High temperature stability of Titanium Boride reinforced Alumina-Silicon Carbide based composite", Silicon (Springer Verlag-Germany), June 2020. (Impact Factor-1.57 (SCI-Index))

Progress Highlights since last GC Meeting

Faculty Paper Publications:

6. Rohit Kumar, Syed Mohsin and Ravindra Jaikishan Singh, "Review on Wing Rib Design and Analysis of Aircraft", Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, June 2020. (UGC approved - Impact Factor-5.87)

7. Gupta, S. C., "Effect of Subsonic Compressibility & Constraints on Generation of 3-D Optimal Camber Shapes", Journal of Aerospace & Sciences & Technologies, Vol.72, No.3, September 2020.

Progress Highlights since last GC Meeting

Faculty Paper Publications:

8. Rohit Kumar, Syed Mohsin and Ravindra Jaikishan Singh, "Review on Wing Rib Design and Analysis of Aircraft", Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, June 2020. (UGC approved - Impact Factor-5.87)
9. Gupta, S. C., "Effect of Subsonic Compressibility & Constraints on Generation of 3-D Optimal Camber Shapes", Journal of Aerospace & Sciences & Technologies, Vol.72, No.3, September 2020.

Progress Highlights since last GC Meeting

Faculty Paper Publications:

10. R.Rajasekar, K.Shanthi and M.Nalini, has published a paper on “Predicting the 2-dimensional airfoil by using machine learning methods”, Advances in Computational Design, Vol. 5, No.3 (2020), ISSN:2383-8477 (print), 2466-0523 (online), July 2020 (Web of Science).

Progress Highlights since last GC Meeting

- On 30th Sept 2020, we have submitted all the necessary information to micro, small and medium enterprises (MSME) portal to start Incubation Centre in our institution.



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Thank You