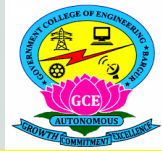




Government College of Engineering (Autonomous)
Bargur - 635 104

ANNUAL REPORT

2020-21



About GCEB

Government College of Engineering (GCE) is spread over a sprawling campus with calm surroundings, creating a fitting atmosphere for study. GCE Bargur provides a clean and invigorating environment conducive for higher education.

Government College of Engineering, Bargur is one of the educational institutions developed by Government of Tamilnadu, which was started in the year 1994 to cater to the needs of the nation in the development of technocrats and to provide facilities for educating and training men and women to meet the entrepreneurial and management needs. The Tamilnadu Government has created adequate infrastructural facilities and sufficient funds and is keen on developing the institute for higher education. The college has been approved by the AICTE and the college intake is purely based on merit.

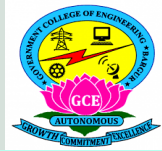
Government College of Engineering, Bargur has been granted autonomous status from the year 2017-18 to 2022-23 (six years)

History

With the objective of providing better education opportunity for the people of Dharmapuri District, an educationally backward area mostly consisting of villages, The Government of Tamil Nadu permitted the starting of a new Government Engineering College in Bargur from the year 1994-95 in Dharmapuri District G.O. Ms 380 / Est / dated 12.05.1994, then subsequently bifurcated Krishnagiri District.

Government college of Engineering Bargur carved into existence on this red-lettered day. With motto of "Growth and Commitment through Excellence", This college has catered to the aspirational requirements of the many enthusiastic engineering students.

The college is successfully pursuing its mission of professionalizing Indian Engineering through innovative teaching, infrastructure and management. Besides promoting research and disseminating knowledge gained, it fosters cooperation between the academic and industrial communities. Regarded as the sole government engineering institution, this college has always equipped itself with the modern trends in the run for becoming a premier institution in the nearer future.



The college has been approved by the AICTE (Letter No: 32- 50/IT/RC-94 dated 17.08.1994) and student's intake is purely based on Higher Secondary Marks.

The College started functioning from 09-11-94 at the Govt. Polytechnic Campus, Krishnagiri as a temporary measure and admitted students for EEE and ECE branches only. College was moved from to its present campus in July 2000 when Prof Jameel was Principal I/c.

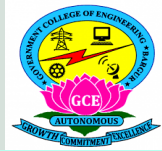
The expert committee appointed by the Madras University visited the college on 08-05- 95 for extending the affiliation. The college got affiliated to the Anna University, Chennai from the year 2001 onwards. Part time BE course was started in EEE branch in the year of 2002. The computer Science and Engineering Branch was started from 2004. From the year 2007 Onwards, the College is affiliated to Anna University, Coimbatore. The Mechanical Engineering Branch was started from 2009.

50 acres of land in Madepalli Village, near Bargur was acquired for the construction of New Buildings.

A sum of Rs.7.85crores has been spent for the construction of:

1. Administrative Building.
2. Electrical and Electronics Block.
3. Electronics and Communication Block.
4. Hostels for Boys and Girls.
5. Mechanical Engineering Block.
6. Computer Science and Engineering Block.
7. Additional Boys Hostel.
8. Library Block.
9. AICTE has granted Rs.2 Crores for construction of SC/ST Hostel with Skill Development Center.

The college started functioning at the premises near Madepalli Village, with effect from 5-7- 2000. It is situated on NH-46, 13 kilometers from Krishnagiri and 3km from Bargur.



VISION



MISSION

VISION:

To provide world class engineers who are ethical and good citizens of our motherland.

MISSION:

To groom the student community through learner centric quality lectures, laboratories, libraries and value-added training.



Principal's Desk:

Government College of Engineering, Bargur was established in the year 1994 to cater to the needs of people of Tamil Nadu. The institution is working towards taking it to greater heights in the field of professional education, with a commitment to provide quality education to the Under Graduate students of ECE, CSE, EEE and Mechanical Engineering, and the Post Graduate students of Applied Electronics, Power Electronics and Drives and Computer Science and Engineering. Our institution has the state-of-the-art infrastructure, outstanding faculty and valuable research programmes. The institution is conferred with Autonomous status by UGC, accredited by NBA (for ECE, EEE and CSE branches) and affiliated to Anna University.

The Career Development Cell of the college plays an important role in arranging, industrial training, internships and training on valued added courses like, NPTEL, QEEE, Anna Edusat etc. This cell also helps in identifying the students aiming to secure jobs and higher education.

We have a wide spectrum of alumni working in several multi-national companies. Some of them visit the college regularly to help the students understand the challenges they face in the industry and ways of tackling them.

Apart from the academics, the students are being shaped in all spheres including communication skills and personality development. All our graduates will serve you with utmost sincerity, dedication and hard work, and will be an asset to your organization.

We heartily invite you to visit our Campus and recruit our graduates.

Looking forward to meet you soon.



Dr. M. Nataraj, M.E., Ph. D
Principal



Governing Council

Board of Governors – Chairman and List of members (as per the UGC Guidelines 2018)

| S.No. | Category | Name and Designation |
|-------|-----------------|---|
| 1. | Chairman | Mr. P.Balasubramani, Deputy Manager, BHEL Power Sector Southern Region, Chennai |
| 2. | Industrialist | Mr. C.R. Durairaj, Chief Safety Officer, TITAN Industries Limited, 3, SIPCOT Industrial Complex, Hosur. |
| 3. | Industrialist | Mr. C.Devaraju, General Manager, District Industries Centre, Krishnagiri |
| 4. | Educationalist | Dr. M. Arularasu, Additional Director (Exam), (Ex- Officio) Directorate of Technical Education, DOTE, Chennai |
| 5. | Finance officer | Tmt. S.Sailakshmi, Financial Advisor and Chief Accounts Officer, (Ex- Officio) Directorate of Technical Education, DOTE, Chennai |



| | | |
|-----|------------------------------|--|
| 6. | Faculty of the Institution | Dr. J.Nafeesa Begum Professor (CAS) / Dept. of CSE, Government College of Engineering, Bargur 635 104 |
| 7. | | Dr. P.Thirumal Professor (CAS) / Dept. of Mechanical Engg., Government College of Engineering, Bargur 635 104 |
| 8. | Industrialist | M. Balaji, M.E. Technical Director, Frontline Electronics Pvt. Ltd., Salem |
| 9. | UGC Nominee | Prof. Varadachariar Kannan, Dept. of Mathematics, University of Hyderabad, Hyderabad – 500 046 |
| 10. | University Professor | Dr.V.V.Giridev, Professor, Dept. of Textile Technology, Anna University, Chennai 600 044 |
| 11. | Principal of the Institution | Dr.M.Nataraj, Principal, Government College of Engineering, Bargur-635 104 |



GCE Bargur

List of Mentors/Faculty Advisors- AY 2020-21

| S. No. | Year | Programme Name | Batch | Name of the Mentor/Faculty Advisors |
|-------------|------|--|---------------|---|
| B. E | | | | |
| 1 | 4th | B.E. Electrical and Electronics Engineering | Batch 2017-21 | Prof.K.Mohan, AP/EEE |
| 2 | 4th | B.E. Electronics and Communication Engineering | Batch 2017-21 | Prof. K. Manogaran, AP/ECE |
| 3 | 4th | B.E. Computer Science and Engineering | Batch 2017-21 | Prof. R. Balamurugan, AP/CSE |
| 4 | 4th | B.E. Mechanical Engineering | Batch 2017-21 | Mr.Ananthababu, AP/Mech |
| 5 | 3rd | B.E. Electrical and Electronics Engineering | Batch 2018-22 | Dr.K.Asokan, Associate Professor/EEE |
| 6 | 3rd | B.E. Electronics and Communication Engineering | Batch 2018-22 | Prof. R. Manikumar, AP/ECE |
| 7 | 3rd | B.E. Computer Science and Engineering | Batch 2018-22 | Prof. J. Manimaran, AP/CSE |
| 8 | 3rd | B.E. Mechanical Engineering | Batch 2018-22 | Mr.S.Tamil Prabakaran, AP/Mech |
| 9 | 2nd | B.E. Electrical and Electronics Engineering | Batch 2019-23 | Prof.V.Arivumani, AP/EEE |
| 10 | 2nd | B.E. Electronics and Communication Engineering | Batch 2019-23 | Prof. R. Ranjith, AP/ECE |
| 11 | 2nd | B.E. Computer Science and Engineering | Batch 2019-23 | Dr. G. Indirani, Associate Professor/CSE |
| 12 | 2nd | B.E. Mechanical Engineering | Batch 2019-23 | Mr.S.Sathishkumar, AP/Mech |
| 13 | 1st | B.E. Electrical and Electronics Engineering | Batch 2020-24 | Dr.M.Mageswari, AP/Maths |



| | | | | |
|------------|-----|--|---------------|---|
| 14 | 1st | B.E. Electronics and Communication Engineering | Batch 2020-24 | Mr.S.Parameshwaran, AP/Chemistry |
| 15 | 1st | B.E. Computer Science and Engineering | Batch 2020-24 | Dr.S.Elumalai, AP/Chemistry |
| 16 | 1st | B.E. Mechanical Engineering | Batch 2020-24 | Mr.A.Anandakumar, AP/Physics |
| M.E | | | | |
| 17 | 2nd | M.E. Power Electronics and Drives | Batch 2019-21 | Dr.R.Francis , Associate Professor/EEE |
| 18 | 2nd | M.E. Applied Electronics | Batch 2019-21 | Nil |
| 19 | 2nd | M.E. Computer Science and Engineering | Batch 2019-21 | Dr. G. Indirani, Associate Professor/CSE |
| 20 | 1st | M.E. Power Electronics and Drives | Batch 2020-22 | Nil |
| 21 | 1st | M.E. Applied Electronics | Batch 2020-22 | Prof. T. Mohandoss, AP/ECE |
| 22 | 1st | M.E. Computer Science and Engineering | Batch 2020-22 | Prof. J. Manimaran, AP/CSE |



GOVERNMENT COLLEGE OF ENGINEERING, BARGUR (AUTONOMOUS)

CAREER DEVELOPMENT CELL

PLACEMENT DETAILS

| Sl. No | Academic Year | Branch | Total No. of Students Placed | Total No. of Students | Percentage |
|--------|---------------|--------|------------------------------|-----------------------|------------|
| 1 | 2020-2021 | MECH | 03 | 47 | 6.38% |
| 2 | | EEE | 11 | 55 | 20% |
| 3 | | ECE | 06 | 49 | 12.24% |
| 4 | | CSE | 08 | 54 | 14.81% |



Number of students benefited by scholarships provided by the Government of Tamilnadu:

| Year | Name of the scheme | Number of students benefited by government scheme and amount | |
|---------|--------------------|--|----------|
| | | Number of students | Amount |
| 2015-16 | State Scholarship | 841 | 7859850 |
| 2016-17 | State Scholarship | 786 | 6862785 |
| 2017-18 | State Scholarship | 812 | 7099375 |
| 2018-19 | State Scholarship | 784 | 10480425 |
| 2019-20 | State Scholarship | 749 | 6922900 |
| 2020-21 | State Scholarship | 736 | 3957225 |



GOVERNMENT COLLEGE OF ENGINEERING, BARGUR – 635 104.

SUCCESS STORIES

| | |
|--|---|
| <p>07.01.2021 Time:11.00am to12.00pm</p> | <p>Training program on XP Pen Interactive Penal to all teaching faculty members at CAD/CAM lab.</p> |
| <p>08.01.2021</p> | <p>29 TFCs Certificate Verification Training Program Meeting to all Faculty members by DOTE VCC.</p> |
| <p>25.01.2021</p> | <p>National Voters Day Pledge taken by Students in all Classes.</p> |
| <p>26.01.2021</p> | <p>Celebration of 72nd Republic Day.</p> |
| | |
| <p>27.01.2021</p> | <p>Demo program on lecture capturing setup at mechanical Engineering Department Smart Class Room on 2.00 Pm</p> |
| <p>29.01.2021</p> | <p>Department of Computer Science and Engineering is organizing a TEQIP-III Sponsored Webinar on " Target GATE 2021-CSE" for Computer Science and Engineering Students of Tamilnadu. Resource Person: Dr Jagadeesh Kakarla, AP/CSE, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram Co-ordinator Dr. J. Nafeesa Begum, Prof. & Head/CSE, GCEB</p> |



| | |
|--|---|
| <p>30.01.2021 Time:6.00 p.m-7.00 p.m</p> | <p>Department of Computer Science and Engineering is organizing a TEQIP-III Sponsored Webinar on "Target GATE 2021-CSE" for Computer Science and Engineering Students of Tamilnadu. Resource Person 1: G Venkata Krishna, Associate professor, Unacademy. Resource Person 2: Likki Venkata Krishna Rao, Associate Professor, Lakireddy Balireddy College of Engineering. Co-ordinator: Dr. J. Nafeesa Begum, Prof. & Head/CSE, GCEB</p> |
| <p>01.02.2021</p> | <p>HOD's meeting in Principal Chamber at 11.30 Am. By Dr. M. Nataraj, Principal</p> |
| <p>02.02.2021</p> | <p>Workshop on 360 Degree feedback registration process for AICTE approved Institutes in Tamil Nadu</p> |
| <p>08-02-2020 to 11-02-2020</p> | <p>Online Professional Development Training by IIM Raipur, IIM Trichy & IIM Visakhapatnam</p> <ol style="list-style-type: none">1. Dr. J. Nafeesa Begum HOD/CSE, IIM RAIPUR2. K.Mohan,AP/EEE, IIM Trichy3. S.Sathishkumar, AP/Mech, IIM Vishakhapatnam4. A.Anandakumar, AP/Physics, IIM Vishakhapatnam5. D.Thirumalaikumarasamy, AP/MECH, IIM Raipur6. Tamil Prabhakar, AP/MECH, IIM Visakhapatnam |



**JANUARY 2021- TO
MARCH 2021**

**DETAILS OF ITES TRAINING ATTENDED BY FACULTY OF
GCE, BARGUR**

DETAILS OF ITES Training attended by faculty of GCE, Bargur

| S.No | | | Status |
|------|-----------------------|---------------------------------------|--------------------------------|
| 1 | Prof.CM T Karthikeyan | Cyber Security | Conducted for 103 students |
| 2. | Prof.Arul Kumar | | |
| 3. | Dr.Aadhimurthy | | |
| 4. | Dr. Ashokan | | |
| 5. | Prof.R.Ranjith | IOT | Classes Completed |
| 6. | Prof.Manogaran | Robotics and Industrial Automation | Classes Completed |
| 7. | Prof.AnandBabu | Robotics and Industrial Automation | |
| 8. | Prof.Arivumani | IOT | Feb 1,2021 to March1,2021 |
| 9. | Prof. Mohan | IOT | Feb 16,2021 to March16,2021 |
| 10. | Prof.R.Subhathra | Data Science & Analytics | Feb 16,2021 to March16,2021 |
| 11. | Prof.K.Parameshwaran | Data Science & Analytics | Feb 16,2021 to March16,2021 |
| 12. | Prof.Arul Kumar | AI and ML | Jan 28 th March 31 |

10.02.2021

DEPARTMENT OF SCIENCE & HUMANITIES 6TH BOS MEETING IS TO BE AT SEMINAR HALL, DEPT. OF MECHANICAL ENGINEERING. DISCUSSION AND FINALIZATION OF R-2021 CURRICULUM REVISION AND SYLLABUS CHANGES FOR THE ACADEMIC YEAR 2021-2022 FOR UG DEGREE PROGRAM.

11.02.2021
(ONWARDS)

CERTIFICATE VERIFICATION FOR FIRST YEAR DIPLOMA ADMISSION 2020-21 AT MECHANICAL SEMINAR HALL



| | |
|--|---|
| 12-02-2021 Time: 5:00 PM to 7:00 PM | WEBINAR ON PROBLEMS AND CHALLENGES OF THE ELDERLY – SOLUTIONS TO A BETTER FUTURE organized by P.G. & Research Department of Social Work with Department of Counselling Psychology Sacred Heart College (Autonomous), Tirupattur. Participating Institution: Government Engineering College, Bargur, |
|--|---|



Heritage Foundation
INDIA



**WEBINAR ON PROBLEMS AND CHALLENGES OF THE ELDERLY –
SOLUTIONS TO A BETTER FUTURE**

*P.G. & Research Department of Social Work with
Department of Counselling Psychology
Sacred Heart College (Autonomous),
Tirupattur - 635601*

&

*BDU-Heritage Centre for Gerontology,
Department of Social Work, Bharathidasan University, Tiruchirappalli
In collaboration with
Heritage Foundation (Regional Resource and Training Centre) Supported by
National Institute of Social Defence,
Under the aegis of
Ministry of Social Justice and Empowerment, Government of India.*

Participating Institution: Government Engineering College, Bargur, Krishnagiri Dt.

Date: 12th February 2021 / Time: 5:00 PM to 7:00 PM

Platform: ZOOM

A CERTIFICATE WILL BE GIVEN TO ALL PARTICIPANTS

Registration Link: https://docs.google.com/forms/d/e/1FAIpQLSd4L_P36lGnh-GLXV0pAbcTlXm8GeSwT700thiXEFonMOmNIA/viewform?usp=pp_url



12-02-2021
Time: 5:00 PM to
7:00 PM

Sensitization Webinar on Intergenerational Solidarity for College/School Students Date: 12th February 2021 Time: 5:00 Pm To 7:00 Pm Organized by P.G. & Research Department of Social Work with Department of Counselling Psychology Sacred Heart College (Autonomous), Tirupattur – 635 601 & Government College of Engineering - Bargur, Tamil Nadu- 635 104
Session 1: Future of the Geriatric Care.
Session 2: Role of the Family in Caring for the Elderly.



Heritage Foundation
INDIA



**SENSITIZATION WEBINAR ON INTERGENERATIONAL
SOLIDARITY FOR COLLEGE/SCHOOL STUDENTS**

Date: 12th February 2021

Time: 5:00 PM to 7:00 PM

**BDU-HERITAGE CENTRE FOR GERONTOLOGY,
DEPARTMENT OF SOCIAL WORK, BHARATHIDASAN UNIVERSITY,
TIRUCHIRAPPALLI**

In collaboration with

**HERITAGE FOUNDATION (REGIONAL RESOURCE AND TRAINING CENTRE)
SUPPORTED BY**

NATIONAL INSTITUTE OF SOCIAL DEFENCE,

In association with

**P.G. & RESEARCH DEPARTMENT OF SOCIAL WORK WITH
DEPARTMENT OF COUNSELLING PSYCHOLOGY
SACRED HEART COLLEGE (AUTONOMOUS),
TIRUPATTUR – 635601**

&

**GOVERNMENT COLLEGE OF ENGINEERING - BARGUR,
TAMIL NADU- 635104**

Platform: ZOOM

E-CERTIFICATE WILL BE GIVEN TO ALL PARTICIPANTS

Registration Link:

<https://us02web.zoom.us/meeting/register/tZiudu2vrzkqG95Q2ZoqUTQm60vE4G0-9eDM>

Session 1: Future of the Geriatric Care

Session 2: Role of the Family in Caring for the Elderly



15-02-2021 to 20-02-2021

AICTE Sponsored Short Term Training Programme on “Hands on Training on MATLAB and Advanced Optimization Techniques” (Virtual Mode)-Phase III organized by Department of Mechanical Engineering-Dr. D. Thirumalaikumarasamy ME, PhD.

AICTE Sponsored Short Term Training Programme on “Hands on Training on MATLAB and Advanced Optimization Techniques” (Virtual Mode)-Phase III

| Date | Name of the Resource Person (FN) | FN session | Lunch Break | Name of the Resource Person (AN) | AN session |
|------------|--|---|-------------|--|---|
| 15.02.2021 | Dr. Prashant Kumar Jain, Associate Professor, Indian Institute of Information Technology, Jabalpur | Differential Evolution: Theory, Example and MATLAB implementation | | Dr. Prashant Kumar Jain, Associate Professor, Indian Institute of Information Technology, Jabalpur | Multiobjective Optimization |
| 16.02.2021 | Dr. Jagdish Chand Bansal, Associate Professor, South Asian University, New Delhi | Ant Colony Optimization: Introduction and implementation | | Dr. G.A. Rathy, Associate Professor, NITTR, Chennai | Simulink |
| 17.02.2021 | Dr. Babita Majhi, Guru Ghasidas Central University, Bilaspur, India | Nature inspired computing - GA, PSO and DE | | Dr. Jagdish Chand Bansal, Associate Professor, South Asian University, New Delhi | Differential Evolution: Theory, Example and MATLAB implementation |
| 18.02.2021 | Dr. Prashant Kumar Jain, Associate Professor, Indian Institute of Information Technology, Jabalpur | MATLAB Applications demonstration | | Dr. Sripama Saha, Associate Professor, Indian Institute of Technology Patna | Multiobjective Optimization |
| 19.02.2021 | Dr. S. Karthikeyan, Professor, Arunai Engineering College Tiruvannamalai | Hands on training on MATLAB | | Dr. Rajesh Kumar, Professor, Malaviya National Institute of Technology, Jaipur | Design of Metaheuristics |
| 20.02.2021 | Dr. S.K. Mishra, Assistant Professor, Birla Institute of Technology, Mesra, Ranchi | Evolutionary Artificial Neural Networks for Time Series Data Prediction and its MATLAB Implementation | | Dr. S.K. Mishra, Assistant Professor, Birla Institute of Technology, Mesra, Ranchi | Swarm Intelligence based Artificial Neural Networks for Noise Elimination from Noise data and its MATLAB Implementation |



**All India Council
for
Technical Education**



**Sponsored
Online Short Term Training
Programme**

**on
"Hands on Training on MATLAB and
Advanced Optimization
Techniques"**

**From 15th to 20th February 2021
(Phase-III)**



Organized by

**Department of Mechanical
Engineering**

**Government College of Engineering
Bargur, Krishnagiri Dist- 635104,
Tamil Nadu.**

<http://www.gcebargur.ac.in>

COURSE CONTENTS

- Fundamentals of optimization
- Linear programming
- Derivative based optimization
- Nature inspired Optimization
- Bio inspired Optimization
- Multi objective optimization
- Application and case studies
- Benchmark mathematical function optimization
- Hybridization of optimization techniques
- Hands on Training on MATLAB

ABOUT THE PROGRAMME

Nowadays, engineering researchers, post graduates, academicians, and field engineers are very often use optimization techniques in order to achieve desirable outcomes, ideation, modeling, analysis, decision making and optimization certainly play important roles in process synthesis and analysis, transportation, logistics, production scheduling, telecommunications network, complex reactor networks, separation sequence synthesis, finding of an optimal trajectory for a robot arm, the optimal thickness of steel in pressure vessels, the optimal set of parameters for controllers, or optimal relations or fuzzy sets in fuzzy models, optimal network in energy integration, automated design of heat exchangers, mass exchanger networks, etc.

The rapid advancement and growth in computing performances enable optimization techniques to become increasingly important and popular in almost all engineering applications for system identification, modelling, controls and data mining etc. This STTP is planned to provide a common platform to all faculty members of technical institutions to gain theoretical fundamentals coupled with practical knowledge of analytical and numerical methods to solve various engineering of real life applications.

ORGANIZING COMMITTEE

Chairperson: Dr.M.Nataraj, ME, PhD
Principal (i/c) & Head/Mech Engg, GCE-
Bargur.

Convener: Dr. P.Thirumal, ME, PhD
Associate Professor
Dept.of.Mech. Engg, GCE-Bargur.

Programme Coordinator:
Dr.D.Thirumalaikumarasamy, ME, PhD
Assistant Professor (Senior Grade)
Dept.of.Mech.Engg, GCE-Bargur.

RESOURCE PERSONS

Eminent speakers from NITTR and other reputed universities along with the industries will conduct and deliver the lectures in different sessions of this programme.

Address your queries and clarification to:

Dr.D.Thirumalaikumarasamy, ME, PhD
Assistant Professor (Senior Grade)
Department of Mechanical Engineering
Govt. College of Engineering, Bargur.
Contact No: 9894319865, 8508593544
Email: sttpmechcece@gmail.com

15-02-2021

A faculty meeting is convened by the principal at 3.30 Pm in CSE seminar Hall to discuss the important issues and data required by the DOTE pertaining to Video lectures prepared by the faculty, Internship details of students during the current academic year from each department, Gate 2020 and 2021 data by respective departments, Faculty data regarding MOOC /NPTEL, future skills training status of each faculty.



**16-02-2021
to
20-02-2021**

Employability skill training for Final year Students on “Connect with work” by M/S Global talent Track Pvt Limited



**GOVERNMENT COLLEGE OF ENGINEERING, BARGUR - 635 104
(AUTONOMOUS)**

Krishnagiri - 635 104, Tamilnadu

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

www.gcebargur.ac.in

Lr. No: GCEB/CDC/2020-2021/No. 1

Date: 12.02.2021

CIRCULAR

Sub: GCE, Bargur - Career Development Cell - Employability Skill Training for final year students- Reg.,

This is to inform that a employability skill training titled “**Connect with Work**” by M/S Global Talent Track Pvt Ltd has been arranged for the final year students of all departments of our college from 16.02.2021 through **online mode**. All the final year students are instructed to participate in the training as per the schedule given below.

| S.No. | Date | Time |
|-------|------------|--------------------|
| 1. | 16.02.2021 | 9.30 AM to 1.30 PM |
| 2. | 17.02.2021 | 9.30 AM to 1.30 PM |
| 3. | 18.02.2021 | 9.30 AM to 1.30 PM |
| 4. | 19.02.2021 | 9.30 AM to 1.30 PM |
| 5. | 20.02.2021 | 9.30 AM to 1.30 PM |

R. Rangiah
12/02/21
Career Development officer

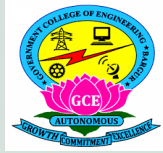
12/02/2021
Dr. M. NATARAJAN, M.E., Ph.D.,
PRINCIPAL
Government College of Engineering
Bargur-635 104.



22-02-2021 One day Webinar on “National Education Policy” under TEQIP Phase III organised by Government College of Engineering, Bargur

| | | | |
|--|--|---|--|
| | <p>About the Institution Government College of Engineering, Bargur is one of the educational institutions developed by Government of Tamil Nadu, which was started in the year 1994 to cater to the needs of the nation in the development of technocrats and to provide facilities for educating and training men and women to meet the entrepreneurial and management needs. The Tamil Nadu Government has created adequate infrastructural facilities and sufficient funds and is keen on developing the institute for higher education. The college has been approved by the AICTE and the college intake is purely based on merit.</p> <p>Government College of Engineering, Bargur has been granted autonomous status from the year 2017-18 to 2022-23 (six years)</p> <p>RESOURCE PERSONS</p> <p>Dr. M. Nataraj, Principal, GCEB</p> <p>Dr. P. Thirumal, Associate Professor /MECH, GCEB</p> <p>Dr. J. Nafesa Begum Professor /CSE, GCEB</p> <p>Dr. Medalsong Ronghang Assistant Professor / Civil, BBEC, Assam</p> <p>Meeting URL: https://gcebargur.webex.com/gcebargur/j.php?MTID=mb0315c87014aa699a6c54213c7ac7558</p> | <p>About NEP 2020 National Education Policy (NEP), 2020 aims to introduce several changes in the Indian education system - from the school to college level. The NEP 2020 aims at making “India a global knowledge superpower”. The Cabinet has also approved the renaming of the Ministry of Human Resource Development to the Ministry of Education. The NEP cleared by the Cabinet is only the third major revamp of the framework of education in India since independence.</p> <p>About NPIU National Project Implementation Unit (NPIU) is the in charge of the day-to-day implementation of the project at the National level. It headed by Central Project Advisor (CPA).</p> <p>About TEQIP Technical Education Quality Improvement Programme of Government of India (TEQIP) was conceived in pursuance of the National Policy on Education 1986 (Revised in 1992) with a Goal to scale-up and improve quality of technical education and enhance existing capacities of the institutions to become dynamic, demand driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological developments occurring both at national and international levels. TEQIP is being implemented as a World Bank assisted Project to improve the quality of technical education system in the country.</p> | <p>TEQIP III SPONSERED ONE DAY WEBINAR ON NATIONAL EDUCATION POLICY 2020</p> <p>22 FEBRAURY 2021</p> <p>Patron Dr. M. Nataraj Principal</p> <p>Webinar Coordinator Mr. V. Rajesh Kannan Assistant Professor / ECE</p> <p>Mr. R. Balamurugan Assistant Professor / CSE</p> <p>Organized by GOVERNMENT COLLEGE OF ENGINEERING Bargur-635104</p> |
|--|--|---|--|

23-02-2021 AGENDA FOR 3RD PERFORMANCE AUDIT OF GCE, BARGUR PERIOD 2019-20 (ONLINE MODE)



Government College of Engineering (Autonomous), Bargur NSS- Campus Cleaning Activities



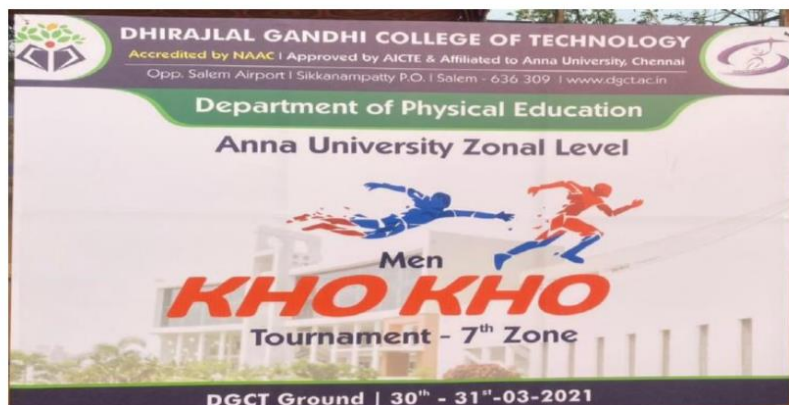
Government College of Engineering (Autonomous), Bargur-635 104
NSS-Regular Activities of Campus Cleaning on March 2021





Government College of Engineering, Bargur
(An Autonomous Institution Affiliated to Anna University-Chennai)
Department of Physical Education

Students Achievement in Sports: Secured “Third Place” in the Anna University Zonal Tournaments for the year 2020-21.





Dr. P. THIRUMAL, Associate Professor/Mech has successfully completed the Online Orientation Training Programme for Mentors Organised by NITTTTR from 19-04-2021 to 23-04-2021

Serial No. 000256



अखिल भारतीय तकनीकी शिक्षा परिषद्, नई दिल्ली
प्रमाणपत्र

यह प्रमाणित किया जाता है कि



थिरुमल पी

पंजीपन क्र.: 1-472819630

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल के अंतर्गत
दिनांक 19 अप्रैल से 23 अप्रैल 2021 तक आयोजित
मेंटर उन्मुखीकरण ऑनलाईन प्रशिक्षण कार्यक्रम
सफलतापूर्वक पूर्ण किया।

All India Council for Technical Education, New Delhi

Certificate

This is to certify that

THIRUMAL P

Registration No. 1-472819630

has successfully completed the
Online Orientation Training Programme for Mentors
organized from 19th April to 23rd April 2021
under
National Initiative for Technical Teachers Training.


DIRECTOR
NITTTTR, Bhopal


DIRECTOR
NITTTTR, Chandigarh


DIRECTOR
NITTTTR, Chennai


DIRECTOR
NITTTTR, Kolkata



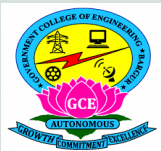

MEMBER SECRETARY
AICTE, New Delhi



12-05-2021

GCE Bargur is Accredited for the BE (Mechanical Engineering) & BE (EEE) programmes for the Academic Years 2021-2022 to 2022-2023 i.e., up to 30.06.2023.

| | |
|--------------------------------|--|
| 11-06-2021 to 20-06-2021 | Prof. K. Manogaran, AP/ECE, participated in the CEP course on NPIU Faculty Training for Internet of Things conducted by IIT Bombay |
| | <div data-bbox="422 1099 533 1182"></div> <div data-bbox="1284 1099 1385 1182"></div> <p data-bbox="644 1218 1182 1290">Indian Institute of Technology Bombay Continuing Education & Quality Improvement Programmes (CE & QIP)</p> <p data-bbox="786 1301 1038 1328">CERTIFICATE</p> <p data-bbox="794 1346 1031 1373">This is to certify that</p> <p data-bbox="786 1384 1046 1429"><i>K. Manogaran</i></p> <p data-bbox="464 1435 1362 1507">has participated in the CEP course on NPIU Faculty Training for Internet of Things - Specialized Skills Training conducted by IIT Bombay during June 11 – 20, 2021</p> <div data-bbox="453 1552 667 1599"> Prof. Sidhartha Ghosh Professor-in-Charge (CE & QIP)</div> <div data-bbox="842 1518 927 1585"></div> <div data-bbox="842 1585 927 1599">65N85</div> <div data-bbox="691 1585 1038 1599">To verify, scan the QR code or visit http://www.cep.iitb.ac.in/cep/verify</div> <div data-bbox="1054 1552 1362 1599"> Prof. V. M. Gadre Prof. Rajbabu V Course Coordinators</div> |



14-06-2021
to
18-06-2021

Dr. J. Nafeesa Begum, Vice-Principal has successfully completed the Online Orientation Training Programme for Mentors Organised by NITTR



Serial No. CHN/02/096



अखिल भारतीय तकनीकी शिक्षा परिषद्, नई दिल्ली
प्रमाणपत्र

यह प्रमाणित किया जाता है कि



ज.नफीसा बेगम

पंजीयन क्र.: 1-472974201

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल के अंतर्गत
दिनांक 14 से 18 जून 2021 तक आयोजित
मेंटर उन्मुखीकरण ऑनलाईन प्रशिक्षण कार्यक्रम
सफलतापूर्वक पूर्ण किया।

All India Council for Technical Education, New Delhi

Certificate

This is to certify that

J.NAFEESA BEGUM

Registration No: 1-472974201

has successfully completed the
Online Orientation Training Programme for Mentors
organized from 14th to 18th June 2021
under
National Initiative for Technical Teachers Training.


DIRECTOR
NITTTR, Bhopal


DIRECTOR
NITTTR, Chandigarh


DIRECTOR
NITTTR, Chennai


DIRECTOR
NITTTR, Kolkata




MEMBER SECRETARY
AICTE, New Delhi



Students-Teacher ratio: 2020-21

| Department | Total No of Faculty (Including Regular, Part Time and Contract) | Total No of Students In 1st Year | Total No of Students In 2nd Year | Total No of Students In 3rd Year | Total No of Students In 4th Year |
|------------|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MECH | 12 | 49 | 67 | 54 | 47 |
| EEE | 10 | 46 | 62 | 63 | 54 |
| ECE | 10 | 48 | 60 | 55 | 49 |
| CSE | 12 | 49 | 56 | 61 | 55 |

For Science and Humanities:

| S&H Department | Total No of Faculty (Including Regular, Part Time and Contract) 2020-21 | Total No of Faculty (Including Regular, Part Time and Contract) 2019-20 |
|----------------|---|---|
| Physics | 3 | 3 |
| Chemistry | 3 | 3 |
| English | 2 | 2 |
| Maths | 4 | 4 |

Pass percentage of Students :2020-21

| Program Name | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|--------------|---|---|-----------------|
| MECH | 47 | 47 | 100 |
| ECE | 49 | 48 | 98 |
| EEE | 54 | 54 | 100 |
| CSE | 54 | 53 | 98 |



Number of value-added courses for imparting transferable and life skills offered during 2020-21:

| Branch | Name of the value-added courses (with 30 or more contact hours) offered | Course Code (if any) | Year of offering | No. of times offered during the same year | Duration of course | Number of students enrolled in the year | Number of Students completing the course in the year |
|--------|---|----------------------|------------------|---|--------------------|---|--|
| CSE | Induction Program | - | 2020 | 1 | 120 Hrs. | 49 | 49 |
| | Constitution of India | 20ZMC205 | 2020 | 1 | 6 MONTHS | 49 | 49 |
| | AC-3(RM &IPR) | 18ZAC003 | 2020 | 1 | 6 Months | 3 | 3 |
| | AC-1(RM &IPR) | 20ZAC003 | 2021 | 1 | 6 Months | 2 | 2 |
| | AC-2(Principles of Management) | 18SAC006 | 2021 | 1 | 6 Months | 2 | 2 |
| | Environmental Science and Engineering | 18ZMC305 | 2020 | 1 | 6 Months | 56 | 56 |
| ECE | Disaster Management | 20ZAC001 | 2020 | 1 | 6 Months | 1 | 1 |
| | Electronic Waste Management | 20ZAC008 | 2021 | 1 | 6 Months | 1 | 1 |
| | Induction Program | - | 2020 | 1 | 120 Hrs. | 51 | 51 |



| | | | | | | | |
|------|---------------------------------------|----------|------|---|----------|----|----|
| | Environmental science and Engineering | 20ZMC306 | 2020 | 1 | 6 Months | 60 | 60 |
| | Management Theory and Practice | 18LHS505 | 2020 | 1 | 6 Months | 55 | 55 |
| | Induction Program | - | 2020 | 1 | 120 Hrs. | 47 | 47 |
| | Constitution of India | 20ZMC205 | 2020 | 1 | 6 Months | 47 | 47 |
| EEE | Environmental Science and Engineering | 18ZMC305 | 2020 | 1 | 6 Months | 63 | 63 |
| | STRESS MANAGEMENT BY YOGA | 18ZAC007 | 2020 | 1 | 6 Months | 4 | 4 |
| | Induction Program | 20ZMC105 | 2020 | 1 | 120 Hrs. | 51 | 51 |
| MECH | Constitution of India | 20ZMC205 | 2020 | 1 | 15 Hrs. | 51 | 51 |
| | Environmental Science and Engineering | 18ZMC406 | 2020 | 1 | 15 Hrs. | 67 | 67 |



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

DOTE Campus, Chennai-600 025

PROJECT PROPOSALS UNDER SCIENCE AND TECHNOLOGY PROJECT SCHEME

| SL.NO | PROJECT TITLE | SUBMITTED BY |
|-------|---|---|
| 1 | WEB BASED AUTOMATION OF FIRST YEAR ENGINEERING STUDENTS' APPROVAL PROCESS | Dr.J.Nafeesa Begum, Professor[CAS]/CSE Mr.R.Ranjith, Assistant Professor/ECE |
| 2 | CONTINUING FIRST GRADUATE SCHOLARSHIP SUPPORT SYSTEM | Dr.J.Nafeesa Begum, Professor[CAS]/CSE Mrs.R.Subathra, Assistant Professor/CSE |
| 3 | AI BASED DRONE DELIVERY | Dr.S.Selvi, Assistant Professor/CSE Mr.C.M.T.Karthigeyan, Assistant Professor/CSE |
| 4 | EFFECTIVE IMPLEMENTATION OF ELEPHANT REPELLENCY SYSTEM TO PROTECT DAMAGE OF CROPS USING LIDAR SENSOR | Dr.R.Bakkiyaraj, Assistant Professor(Sr.G) |
| 5 | FABRICATIONS OF IONIC POLYMERS GRAFTED SILICA AEROGEL NANOCOMPOSITES FOR ORGANIC DYES AND HEAVY METALS ADSORPTION | Mr.S.Parameswaran, Assistant Professor |
| 6 | IMPLEMENTATION OF TRAFFIC VIOLATION DETECTION SYSTEM USING IMAGE PROCESSING | Dr.M.Kavitha, Assistant Professor/ECE Mr.R.Ranjith, Assistant Professor/ECE |
| 7 | MODELLING OF DEPOSITION PATH TO PRODUCE THICK CYLINDRICAL COMPONENT IN NiCrMo-3 WIRE BY METAL ARC ADDITIVE MANUFACTURING PROCESS (WAAM) | Mr.S.Tamil Prabakaran, Assistant Professor/MECH |
| 8 | DESIGN AND FABRICATION OF PROTECTIVE EQUIPMENTS THROUGH 3D PRINTING TECHNOLOGY DURING COVID-19 PANDEMIC IN INDIA | Dr. D. Thirumalaikumarasamy, Assistant Professor (SG)/Department of Mechanical Engineering |



THANK YOU

Compiled by

A. Anandakumar
AP/Physics