

Dr. N.G.P INSTITUTE OF TECHNOLOGY

(Affiliated to Anna University, Chennai, Approved by AICTE, New Delhi, Accredited by NBA, NAAC & Recognized by UGC)

Dr N G P Nagar, Kalapatti Road, Coimbatore 641 048.

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Website: www.drngpit.ac.in

DEPARTMENT OF BIOMEDICAL ENGINEERING

Email: biomedicaloffice@drngpit.ac.in



VISION

To produce quality biomedical engineers with strong **technical knowledge** and excellence in **engineering design** for providing solutions to **healthcare problems**.

MISSION

- MD 1** : Integrating engineering and life sciences for the development of **innovative biomedical products**.
- MD 2** : Imparting **quality education** through innovative Teaching - Learning methodologies.
- MD 3** : Collaborating with **healthcare industries** for education, training, research and development.
- MD 4** : Establishing **state-of-the-art facilities** to enhance the technical skills.
- MD 5** : Providing sustainable solutions for challenges in **global healthcare** with ethical, social and moral values.

PEO

- PEO 1** : Have **successful career** in Biomedical Engineering and other relevant disciplines.
- PEO 2** : Design **devices, systems and processes** for improving healthcare industries.
- PEO 3** : Engage in **lifelong learning activities** to become a member of globalized engineering teams with ethical values and standards.

Dr. Nalla G Palaniswami
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Secretary

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Dr. K. Porkumaran
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Dr. C. Ram Kumar
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Ms. E. Sowmya Shri
Ms. P. Sreeniveetha

IV Year

III Year

II Year

DEPARTMENT ACHIEVEMENTS

FACULTY STRENGTH

Description	Strength
Professor	1
Assistant Professor	16
Ph.D. Holders	4

STUDENTS STRENGTH

Description	Boys	Girls	Total
IV Year	26	28	54
III Year	28	27	55
II Year(A)	32	27	59
II Year(B)	27	29	57
I Year(A)	21	31	52
II Year(B)	25	26	51
Total	159	168	328

STUDENT PARTICIPATION

Description	II Year	III year	IV Year	Total
Internship	23	0	0	23

STUDENT ACHIEVEMENTS

- Dr. S. Prabakar successfully completed the program of IPR & Technology Transfer at Sri Krishna College of Engineering and Technology, Coimbatore on 6th and 7th Jan 2020.
- Dr.C.Ramkumar organized an International Webinar on Quality Education and Opportunities from 27.06.2020 to 28.06.2020.
- Mr.S.Logeshkumar attended a conference on Current Innovations and the Future of Therapeutic Developments at Vellore Institute of Technology, Vellore from 01.06.2020 to 03.06.2020.
- Dr. B. Vidhya completed a Certificate Training Programme on Digital Teaching Techniques from 29.06.2020 to 04.07.2020.
- Dr. C. Ramkumar successfully completed the workshop on Orientation of Participating Institutions to Initiate Work in the Adopted Village Clusters on 25.01.2020 at SRM Institute of Science and Technology, Chennai.

- Nandhakumar.P.S, Sukanthen S S , Arunkumar T and Vigneshwarn R from III year BME secured 1st place in Technokret 2020 at KPR Institute of Technology, Coimbatore on 14th and 15th February 2020.

- Rebeka R, Dharshini P and Abinaya A from II year BME secured 1st place in Texperia at SNS Institute of Technology on 14.02.2020.

ACADEMIC ACHEIVEMENTS

Jan-June 2020 RESULTS – TOPPER IV YEAR



Mr.C.S.Manoj
GPA:9.1



Ms.V.Jhone Shalini
GPA:8.79
III YEAR



Ms.K.Dhivya
GPA:8.75



Mr.I.ShankaraRaman
GPA:8.46



Mr.M.Bharath
GPA:8.32



Mr.R.Vigneshwar
GPA:8.28

II YEAR BME-A



Ms.J.Kaviya
GPA:9.0



Ms.N.Mamthakamali
GPA:8.92



Mr.S.Arjuna
GPA:8.76

BME-B



Ms.K.Nandhini
GPA:9.20



Ms.P.Sreeniveetha.
GPA:9.0



Ms.S.Yogitha
GPA:8.76

ACTIVITIES ORGANIZED

RESEARCH IN DRUG DESIGNING AND DEVELOPMENT



Resource person:Ms.B.Vaisali,Research Scholar, Center for Computational Engineering and Networking,Amritha University
Date:26.02.2020.

THE JOB SCENARIO IN MEDICAL EQUIPMENT SERVICE INDUSTRY



Resource person:Mr.M.Abdul kareem, Business Development Executive, Parazelsus India Pvt Ltd(Wipro GE Healthcare)
Date:26.02.2020

HIGHER EDUCATION ABROAD



Resource person: Mr.R.Perumalsami,MBA Lancashire School of Business and Enterprise, University of Central, Lancashire, England .
Date:12.03.2020.

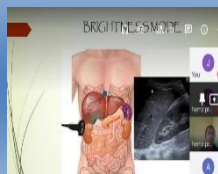
NEXT GENERATION OF HEALTHCARE TECHNOLOGY



Resource person: Mr.T.U.Vishnu,CEO,Founder, Machenn Innovations,Coimbatore

Date: 21.05.2020

APPLICATION OF ULTRASOUND IN MEDICINE



Resource person: Ms.T.Hemapreetha Clinical Ultrasound Product Specialist, BPL Medical Technology, Cochin.

Date:22.05.2020

OVERVIEW OF MEDICAL DEVICES REGULATION



Resource person : Ms.S, Durga hini, Service Engineer ,GETINGE Medical India Pvt .,Ltd ,Chennai

Date:25.05.2020

PARTICIPATION IN VARIOUS EVENTS BY STUDENT & FACULTY

- ✓ Dr. C. Ram Kumar published a paper on An Early Alert System For Sleep Apnea Disorder using IoT at IEEE on April 2020
- ✓ Dr. B. Vidhya published a paper on Non invasive knee implant measurement using knee wear on April 2020 -International Journal of Multidisciplinary Educational Research.
- ✓ Dr. C. Ramkumar delivered a Guest Lecture at Government College of Technology on Recent trends in Image Segmentation on 19.02.2020.
- ✓ Rebeka. R, Dharshini. P, Abinaya.A of II year BME secured 1st place in Texperia at SNS College of Technology on 14.02.2020.
- ✓ Dr. C. Ramkumar published a paper on Smart Pest Control System in Agriculture on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS) in January 2020.
- ✓ Dr. C. Ram Kumar published a paper on Patient Monitoring System using Cloud Telemetry on International Journal of Multidisciplinary Educational Research on April 2020.
- ✓ Nandhakumar P S, Sukanthen S S, Arunkumar T and Vigneshwa R of III year BME secured 1st place in Technokret 2020 at KPR Institute of Technology on 14th and 15th February 2020.
- ✓ Dr. C. Ramkumar attended a workshop on Orientation of Participating Institutes to Initiative Work in the Adopted Village Clusters at SRM Institute of Technology at Chennai on 25.01.2020.
- ✓ Dr. B. Vidhya attended a webinar on Designing for modern learning at MHRD Dr.NGP Institute of Technology on 08.06.2020.
- ✓ Dr. N. Rajasingam attended Indo-UK Virtual Conference on Current Innovation and the Future of Therapeutic Developments' CIFTD-2020 at Vellore Institute of Technology, Vellore ,India and Swansea University, United Kingdom from 01.06.2020 to 03.06.2020.
- ✓ Ms. R. Saranya attended a program on Emerging Technologies in Electronics and Communication Engineering and Computing at VEL Tech High Tech from 04.06.2020 to 06.06.2020.
- ✓ Dr. B. Vidhya attended a program on Effective Online Teaching Methods at Dr.NGP Institute of Technology from 08.06.2020 to 14.06.2020.