



GURU NANAK INSTITUTE OF TECHNOLOGY

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www.gnithyd.ac.in

Campus: Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DATE: 22/06/2018

CIRCULAR

All the students of EEE department are impressed to express their interest by enrolling their names for the "ROBOTICS AND INTELLIGENCE" starting from 16/7/2018 to 28/7/2018.

The detailed syllabus for the course is attached for your information and the enrolled students will be certified accordingly based upon the test conducted at the end of the course.

Concerned class in charges are instructed to submit the list of students enrolled within two days to the undersigned. For further information, you can contact the course coordinator or the Head of the Department.

HOD EEE

Copy to

Respected Principal and Vice Principal(for information)

Class in charges (for action)

Notice Board(for display)



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SYLLABUS FOR ROBOTICS AND INTELLIGENCE:

SNO.	TOPIC COVERED	DURATION(in hours)
1	Introduction to Robotics	3
2	Mechanical Designs	3
3	Forward Kinematics	3
4	Rigid body velocity	3
5	Inverse Kinematics	3
6	Numerical Methods	3
7	Redundant & parallel Robots	3
8	Trajectory Control	3
9	Force control and Haptics	3
10	Micro and Nan-robotics	3
11	Mobile Robots	3



HOD EEE



ROBOTICS AND INTELLIGENCE SYSTEMS

QUESTION PAPER

Duration: 120 min

2x10=20 marks

Answer the following all questions. Each question carries 5 marks

1. Execute a program for 2-arm Robot?
2. Execute a program for pick and drop Robot?


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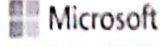
Accredited by
National Board of Accreditation
(CSE, ECE, ME)



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF STUDENTS REGISTERED FOR ROBOTICS

S.NO	ROLL NO.	NAME OF THE STUDENT	MARKS	P/F
1	15831A0243	NAROJU SRUJANA	19	p
2	15831A0244	P.KEERTHI	20	p
3	15831A0245	P. RAGHAVENDER	14	p
4	15831A0246	P.SHANMUKHA	15	p
5	15831A0247	PARISHA SAITEJA	20	p
6	15831A0248	PULLURI BHARGAV	14	p
7	15831A0249	P. ACHYUTANANDA	15	p
8	15831A0250	PUTTI HARSHAL	18	p
9	15831A0251	RAMAVATHKUMAR	19	p
10	15831A0252	S.SNEHALATHA	16	p
11	15831A0253	SHIRISHETTY SRIJA	13	p
12	15831A0254	SIRIPANDA RAVI TEJA	12	p
13	15831A0255	SOMU AKHILA	15	p
14	15831A0256	T. ABDUL KADAR KHAN	14	p
15	15831A0257	V. THARUN KUMAR	17	p
16	15831A0258	V. MANEESH KUMAR	18	p
17	15831A0259	VIKRAM REDDY ETTAM	19	p
18	15831A0260	YANNAM RAJESH	14	p
19	14831A0212	GOLLA ANUDEEP RAO	16	p
20	16835A0201	ANDE PAVITHRA	15	p
21	16835A0202	PRIYA MADHURI	17	p
22	16835A0203	SRIDHAR GURRAM	16	p
23	16835A0204	VINAY KUMAR SIGASARAPU	18	p
24	16835A0206	DHARAVATH RAMU	19	p
25	16835A0207	SALEEM PASHA	20	p
26	16835A0208	PREM SAI	5	f
27	16835A0209	ASHWITHA	8	p
28	16835A0210	RAJKUMAR	9	p
29	16835A0212	VADLURI HARISH	16	p
30	16835A0213	alharith abdelbagi	12	p



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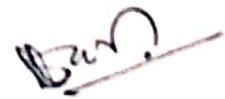
SUMMARY REPORT OF ROBOTICS

GNIT is conducting certificate course on Robotics from 16/7/2018 to 28/7/2018. Robotics is an interdisciplinary branch of engineering and science. Robotics deals with the design, construction, operation, and use of robots, as well as computer systems for their control, sensory feedback, and information processing.

These technologies are used to develop machines that can substitute for humans and replicate human actions. Robots can be used in many situations and for lots of purposes.

This training is useful to students for the following different aspects.

- Higher education
- Project work
- To get jobs in Industries
- It is very useful to students to implement their ideas and to write journals.
- Students are going to get practical knowledge.



HOD EEE



GURU NANAK INSTITUTE OF TECHNOLOGY

(Approved by AICTE New Delhi, Accredited by NBA & Affiliated to JNTU Hyderabad) Campus: Ibrahimpatnam, R. R. District - 501 506

Department of Electrical & Electronics Engineering

ONE WEEK CERTIFICATE COURSE ON

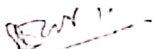
"ROBOTICS"


(16-07-2018 to 28-07-2018)

CERTIFICATE

This is to certify that Mr. S. SNEHALATHA of _____
IV, EEE, GNT has successfully completed the

One Week Certificate course on "ROBOTICS" at Guru Nanak Institute of Technology, Hyderabad.


HOD - E.E.E.


Dr S Sreenatha Reddy
Principal

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- School of Pharmacy

Panineeya Institute of Dental Science & Hospital

Guru Nanak Institute of Engineering & Technology (Nagpur)

Guru Nanak Institute of Engineering & Management (Nagpur)

GNT GURU NANAK INSTITUTE OF TECHNOLOGY

(Approved by AICTE New Delhi, Accredited by NBA & Affiliated to JNTU Hyderabad) Campus: Ibrahimpatnam, R. R. District – 501 506

Department of Electrical & Electronics Engineering

ONE WEEK CERTIFICATE COURSE ON

"ROBOTICS"

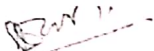
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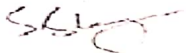
CERTIFICATE

This is to certify that Mr. P. KEERTHI of _____

IV EEE GNIT has successfully completed the

One Week Certificate course on "ROBOTICS" at Guru Nanak Institute of Technology, Hyderabad.


HOD- E.E.


Dr S Sreenatha Reddy
Principal

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Paneeeya Institute of Dental Science & Hospital

Guru Nanak Institute of Engineering & Technology (Nagpur)
Guru Nanak Institute of Engineering & Management (Nagpur)