

Patrons:

Dr Gurmeet Singh Dhaliwal

(Chairman, BFGI)

Convenor:

Dr Jyoti Bansal

(Principal, BFCEET)

Co-convenors:

Er Kovid Sharma (Asst Pr

of., Dept of ME)

Er Ashu Bansal

(Asst Prof., Dept of CSE)

Coordinator: Dr Tejinderpal

Singh Sarao (Prof., Dept of

ME)

Co-

ordinator: Er Arshdeep

Singh Kalsi

(Asst Prof., Dept of ME)

Er Gaurav Garg

(Asst Prof., Dept of ME)

Organizing Committee

Er Harsimran Singh Er Tan

u

Dr Nimisha Singh

Dr Balwinder Singh Brar

Dr Kanwaljeet Kaur Dr

Manpreet Singh

Er Hardeep Singh

Er Sunil K Nagpal

Er Gaurav Kumar

Er Gaurav Garg Er

Gurjant Singh

Ms Simranpreet Kaur

Er Sandeep Maan Er

Priya Mittal

Er Harkamaldeep Kaur

Er Divisha Garg Er Ama

ndeed Kaur Gai Er

Rajan Vinayak

Er Shilpa Goyal

Aboutus

Baba Farid Group of Institution (BFGI) is one of the premier Institution present in Northern Region of India, fully AC and Wi-Fi Campus, where scholarly activities and innovations are strongly appreciated & encouraged. It is managed by Baba Farid Vidyak Society Founded in 1993 under the kind patronage of prominent educationist of Malwa Region and under the Dynamic leadership of its Chairman Dr. Gurmeet Singh Dhaliwal. The Institute offers more than 50 Regular Courses & has a strength of more than 10,000 students not only from State of Punjab, But also from Different parts of country.

Baba Farid College of Engineering and Technology is a constituent institute of BFGI and is approved by AICTE & affiliated to MRSPTU, Bathinda. The College runs undergraduate course of B.Tech in the Disciplines of CSE, Civil, Mechanical & Electrical Engineering & Postgraduate Course in CSE.

About Programme

This programme is designed to provide an exposure to the Recent Developments in Artificial Intelligence (AI) and Robotics. Participants will learn about Robot Kinematics and Dynamics, Control Aspects of Robot Manipulators, Artificial Intelligence in Robotics, Quantum Robotics, Computer Vision and Robotics, AI & Robotics in Industry 4.0, Cognitive Robotics, Sensors and Actuators in Robotics and Intelligent Control of Robotic Systems. The course will be useful for faculty of engineering and sciences who are interested in the learning about Research Issues and Recent Developments in AI and Robotics.



Six Days AICTE-ISTE SPONSORED

ORIENTATION/REFRESHER PROGRAMME

ON

“Recent Developments in AI and Robotics”

19th–26th May 2021



Organized by

**BABA FARID COLLEGE
OF ENGINEERING AND TECHNOLOGY**

**BABA FARID
GROUP OF INSTITUTIONS**

Bathinda, Punjab (India)



Content of the Programme

The Programme covers recent technologies in

- AI and Robotics
- AI & Robotics in Industry 4.0 platforms
- Sensors, Actuators and Controllers used in Robotics
- Computer Vision and its Applications
- Machine learning Algorithms and their use in Robotics
- Hands on lab session on robots simulators

Objectives and Outcomes

The Programme will provide a forum for participants to exchange ideas on the state of art research and latest developments in the field of AI and Robotics. It will also help to identify future research needs in the interdisciplinary research fields. The research scholars will also get wider exposure and interaction opportunities with industrial experts and eminent academicians in the field of Robotics. Participants will have sessions on Platforms to develop intelligent robotic applications and Machine Learning algorithms and their use in Robotics. The program shall enable the participants to understand the various application domains of AI and Robotics in the current scenario of Industry 4.0. They also will learn about the new possibilities and avenues in Robotics.



Resource Persons

Eminent personalities with rich experience and standing in their respective domain from reputed Institutions like IIT/NITTTR/CSIR/Central University and Industries are resource persons in this programme.

Who can attend

The program is open to all faculty members and Research Scholars of AICTE/UGC affiliated institutes/ Universities. Maximum 100 participants are allowed to attend the programme. **Preference will be given to ISTE members.**

Registration

There is **no registration fee**. Interested persons can attend the Programme by completing the registration through the following link or scan QR code.

Registration QR Code



Registration Link: -

<https://forms.gle/r4X3JTAAoBrcx3Zp7>

Join WhatsApp Group

<https://chat.whatsapp.com/I55g1OMVNsr2h3E0Yhskqs>

Important Dates

Last Date for Registration: **10th May 2021**

Confirmation of Participation: **17th May 2021**

Test & Certification

An online test shall be conducted by coordinator at the end of the program. Certificate shall be awarded to the participants with 80% attendance and with a score of minimum 60% marks in online test being conducted on the last day of the program, and on submission of online feedback.

Duration

The Programme will be conducted in **online mode** from 19th-26th May, 2021 having a total of 16 sessions each of 90 minutes duration.

Contact Persons

Coordinator:

Dr Tejinderpal Singh Sarao
+91-95011-15438

Co-coordinator:

Er Arshdeep Singh Kalsi
+91-95011-15469

Er Gaurav Garg
+91-95011-15481

Email: hodmebfcet@gmail.com Website

: www.bfcet.com

BABA FARID COLLEGE
OF ENGINEERING & TECHNOLOGY

Bathinda (Punjab) - 151001, www.bfcet.com



Patrons:

Dr Gurmeet Singh Dhaliwal
(Chairman, BFGI)

Chairperson:

Dr Manish Goyal
Principal, BFCET

Convenor:

Dr Jyoti Bansal
(Prof., Dept of CSE)

Co-convenor:

Er Hardeep Singh (Asst Pr
of., Dept of ECE)

Coordinator:

Dr Tejinderpal Singh Sarao
(Prof., Dept of ME)

Co-coordinators:

Er Kovid Sharma (Asst Pr
of., Dept of ME)

Er Pankaj Mittal (Asst
Prof., Dept of CE)

Organizing Committee

Er Harsimran Singh Er Tanu

nu

Dr Nimisha Singh

Er Sunil K Nagpal

Er Ashu Bansal

Er Charandeep Singh Bedi

Er Rajan Vinayak

Er Gaurav Kumar

Er Gaurav Garg

Er Pushpinder Sharma

Er Arshdeep Singh Kalsi

Er Abhi Garg

Er Priya Mittal Dr Manpreet Singh

Er Harkamaldeep Kaur

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Website: www.bfcet.com

 <https://bit.ly/3bG0wff>

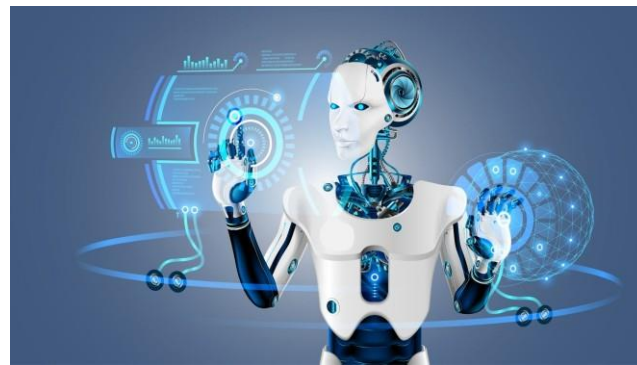
Aboutus

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About Programme

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AICTE-ISTE SPONSORED

ORIENTATION/REFRESHER PROGRAMME

ON

“Recent Developments in AI and Robotics”

22nd – 27th March 2021



Organized by

**BABA FARID COLLEGE
OF ENGINEERING AND TECHNOLOGY**

**BABA FARID
GROUP OF INSTITUTIONS**

Bathinda, Punjab (India)



Content of the Programme

The Programme covers recent technologies in

- Machine learning and its Applications
- Fundamentals of Robotics and Artificial Intelligence
- Sensors, Actuators and Controllers used in Robotics
- Recent advances in AI and Robotics
- Robot Control Programming

Objectives and Outcomes

The Programme will provide a forum for participants to exchange ideas on the state of art research and latest developments in the field of AI and Robotics. It will also help to identify future research needs in the interdisciplinary research fields. The research scholars will also get wider exposure and interaction opportunities with industrial experts and eminent academicians in the field of Robotics. Participants will have sessions on Platforms to develop intelligent robotic applications and Machine Learning algorithms and their use in Robotics. The program shall enable the participants to understand the various application domains of AI and Robotics in the current scenario of Industry 4.0. They also will learn about the new possibilities and avenues in Robotics.



Resource Persons

Eminent personalities with rich experience and standing in their respective domain from reputed Institutions like IIT/NITTTR/TIET/Central University and Industries are resource persons in this programme.

Who can attend

Faculty members of AICTE approved Engineering/Polytechnic Colleges/University departments & Research Scholars. Maximum 100 participants are allowed to attend the programme. **Preference will be given to ISTE members.**

Registration guidelines

Interested persons can attend the Programme by completing the registration through the following link or scan QR code.

QR Code



Registration Link:-

<https://forms.gle/rEFgLrNzSKzTPd7MeA>

Important Dates

Last Date for Registration: **15th March 2021**

Confirmation of Participation: **19th March 2021**

Registration Fee & Certificate

There is **no registration fee**. Certificates shall be awarded to the participants with 80% attendance and with a score of minimum 60% marks in online test being conducted on the last day of the program, and on submission of online feedback.

Duration

The Programme will be conducted in **online mode** from 22nd-27th March, 2021 having a total of 16 sessions each of 90 minutes duration.

**BABA FARID COLLEGE
OF ENGINEERING & TECHNOLOGY**

Bathinda (Punjab)-151001, www.bfcet.com



Patron

Dr. Gurmeet Singh Dhaliwal

(Chairman BFGI)

Chairperson

Dr. Manish Goyal

(Principal)

Convenor

Dr. Jyoti Bansal

(Prof., Dept. of CSE)

Co-convenor

Er. Harleen Kaur

(Asst Prof., Dept of CSE)

Programme Coordinator Dr. T

ejinder Pal Singh Sarao (Prof

& Head, Dept. of ME)

Programme Co-coordinators

Er. Kovid Sharma (Asst Prof., Dept. of ME) Er.

Pankaj Mittal (Asst Prof., Dept. of CE)

Organizing Committee

Er. Hardeep Singh

Er. Harsimran Singh

Er. Priya Mittal

Er. Arshdeep Singh Kalsi Er.

Rajan Vinayak

Dr. Nimisha Singh

Er. Tanu

Er. Gaurav Garg

Er. Pushpinder Sharma

Er. Karandeep Singh

Contact persons-

Er Kovid Sharma

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Er Pankaj Mittal

+91-9915746656

Email: tpbfcet@gmail.com

Website: www.bfcet.com

 <https://rb.gy/1ahmjo>

Aboutus

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About FDP

This programme is designed to provide an exposure to the Recent Developments in Artificial Intelligence (AI) and Robotics. Participants will learn about Robot Kinematics and Dynamics, Control Aspects of Robot Manipulators, Artificial Intelligence in Robotics, Quantum Robotics, Computer Vision and Robotics, AI & Robotics in Industry 4.0, Cognitive Robotics, Sensors and Actuators in Robotics and Intelligent Control of Robotic Systems. The course will be useful for faculty of engineering and sciences who are interested in the learning about Research Issues and Recent Developments in AI and Robotics.



AICTE-ISTE SPONSORED INDUCTION/REFRESHER FACULTY DEVELOPMENT PROGRAMME

ON

“Recent Developments in AI and Robotics”

7th–12th December 2020



Organized by

**BABA FARID COLLEGE
OF ENGINEERING AND TECHNOLOGY**

BABA FARID GROUP OF INSTITUTIONS

Bathinda, Punjab (India)



Resource Persons

Eminent personalities with rich experience and standing in their respective domain from reputed Institutions like IIT/NITTTR/TIET/Central University and Industries are resource persons in this programme.

Prof. Asokan T
Indian Institute of Technology, Madras

Prof. Ashish Dutta,
Indian Institute of Technology, Kanpur

Prof. Ekta Singla
Indian Institute of Technology, Ropar

Prof. BS Pabla
NITTTR, Chandigarh

Prof. SS Dhani
NITTTR, Chandigarh

Prof. Ashish Singla,
Thapar Institute of Technology, Patiala

Prof. A Kaur
Central University Punjab, Bathinda

Prof. Surilv. Shah
Indian Institute of Technology, Jodhpur

Prof. Parvinder Singh
Central University Punjab, Bathinda

Dr. G. Kumar, Director
Magma Research and Consultancy Services

Dr. Sohan Chandel
Psychologist and Corporate Trainer

Mr. Abhishek Gupta
R&D Head, Tevatron Technologies Pvt Ltd

Who can attend

Faculty members of AICTE approved Engineering/Polytechnic Colleges/University departments & Research Scholars. Maximum 100 participants are allowed to attend the programme. **Preference will be given to ISTE members.**

Content of the Programme

- Introduction to Robotics
- Robot Kinematics
- Dynamics
- Control Aspects of Robot Manipulators
- AI & Robotics in Industry 4.0
- Quantum Robotics
- Platforms to develop intelligent robotic applications
- Machine Learning algorithms and their use in Robotics
- Computer Vision and Robotics
- Design and Control of Biped Locomotion Sensors and Actuators in Robotics
- Challenges and Opportunities for AI & Robotics startups
- Artificial Intelligence in Robotics
- Robot Motion Planning
- Emotional Well Being

Objectives and Outcomes

The FDP will provide a forum for participants to exchange ideas on the state of art research and latest developments in the field of AI and Robotics. It will also help to identify future research needs in the interdisciplinary research fields. These research scholars will also get wider exposure and interaction opportunities with industrial experts and eminent academicians in the field of Robotics. Participants will have sessions on Platforms to develop intelligent robotic applications and Machine Learning algorithms and their use in Robotics. The programme shall enable the participants to understand the various application domains of AI and Robotics in the current scenario of Industry 4.0. They also will learn about the new possibilities and avenues in Robotics.



Registration guidelines

Interested persons can attend the FDP by completing the registration through the following link or scan QR code.

QR Code



Registration Link:-
<https://rb.gy/jqb0mc>

Important Dates

Last Date for Registration: **30th November 2020**

Confirmation of Participation: **2nd December 2020**

Registration Fee & Certificate

There is **no registration fee**. Certificates shall be awarded to the participants with 80% attendance and with a score of minimum 60% marks in the test being conducted on the last day of the program, and on submission of online feedback.

Duration

The FDP will be conducted in **online mode and details will be** from 7th-12th December, 2020 having a total of 16 sessions each of 90 minutes duration.

BABA FARID COLLEGE OF ENGINEERING & TECHNOLOGY

Muktsar Road, Bathinda, Punjab (India)

in Collaboration with

College of Engineering Pune (COEP)

Organizes

5 Days Faculty Development Programme

on

PERFORMING EXPERIMENTS ON VIRTUAL LABS

Join on



Date : 10th August to 14th August 2020

Time : 11:00 AM - 12:00 Noon

**No
Registration
Fee**

Register for FDP Visit this Link

<https://forms.gle/A8yBQpyniJtq2giQg>

E-certificate will be provided after successfully attending
the entire FDP

Resource Persons



Prof. Sudhir D. Agashe

Principal Investigator Virtual Laboratory Project (NMEICT),
College of Engineering, Pune



Amod Avinash Harankhedkar

Outreach Coordinator, Virtual Labs Project,
College of Engineering, Pune

**BABA FARID
GROUP OF INSTITUTIONS**

Bathinda, Punjab (India)

For query contact: 9501115506

#StayHome #StaySafe

BABAFARIDCOLLEGE OFENGINEERING&TECHNOLOGY

organizes

STAFFDEVELOPMENT PROGRAMME

on

**HUMAN
VALUES AND
PROFESSIONAL
ETHICS**

22nd to 26th February, 2021

ABOUT

Non-teaching staff have a significant role to play in the institution's success. It is essential for the non-teaching staff to perform their duties responsibly to enable the teaching staff and the organization to work smoothly. They undertake a wide range of activities related to course delivery and course/programme implementation, including student support services. Growth and development are an ongoing process for all levels of the education sector employees. The Staff Development Programme (SDP) is designed to assist Baba Farid College of Engineering & Technology staff build work skills and improve individual performance by increasing knowledge and enhancing productivity. Staff Development Programme is a process directed towards the personal and professional growth of staff. SDP can be viewed as the activities and programs (formal or informal and on or off campus) that help staff members learn about responsibilities, develop required skills and competencies necessary to accomplish institutional goals, and grow personally and professionally to prepare themselves for progression in the institution.

OBJECTIVES OF PROGRAMME

The objectives of staff development programme are-

- To increase values and ethics among employees.
- To develop ethical culture in the institute.
- To improve the understanding of human values and professional ethics of employees.
- To motivate employees for ethical behaviour.
- To develop positive attitude among employees.

PROGRAMME CONTENTS

- Importance of self-exploration
- Relation between human body and human mind
- Harmony in human body and human mind
- Harmony in family
- Harmony in society
- Importance of human values in profession
- Various aspects of professional ethics
- Relation between personal and professional life

PROGRAMME COORDINATOR

Er. Tanu

Assistant Professor, Civil Engineering

PROGRAMME DURATION

22nd to 26th February, 2021

EXPECTED OUTCOME

- Would develop ability to understand the needs and process of value education
- Would lead to understand the difference between happiness and prosperity
- Would provide knowledge to discriminate what is right or wrong ethically
- Creates ability to balance between personal and professional life



BABAFARID COLLEGE OF ENGINEERING & TECHNOLOGY

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