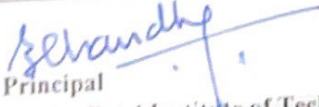




Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous Institute Affiliated to University of Mumbai)
Munshi Nagar, Andheri (W), Mumbai - 400 058.

Department of Computer Engineering
Constitution of BoS for the Academic year 2023-24

| Sr. No | Designation | Name of BoS Member |
|--------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Chairman (Head of the Department) | Dr. Prasenjit B. Bhavathankar |
| 2 | Faculty as per Specialization | 1. Dr. Anant Nimkar 2. Prof. Pramod Bide 3. Prof. Swapnali Kurhade |
| 3 | Two subject experts from outside the parent university to be nominated by the Academic Council | 1. Dr. Narendra S. Chaudhari, IIT Indore 2. Dr. Padmaja Joshi, C-DAC, Mumbai |
| 4 | One expert nominated by the vice-chancellor | Dr. Mahesh Shirole, VJTI, Mumbai |
| 5 | One representative from industry/corporate sector/allied area relating to placement | Mr. Sunny Nagpal, Morgan Stanley, Mumbai |
| 6 | One postgraduate meritorious alumnus | Mrs. Priyam Das, Data Engineer Executive, Godrej Capital, Mumbai |
| 7 | Experts from outside the college whenever special courses of studies are to be formulated | 1. Dr. Hariram Chavan, KJSIT, Mumbai 2. Dr. Sandeep Udmale, VJTI, Mumbai |
| 8 | One undergraduate meritorious alumnus | 1. Mr. Malhar Bangdiwala, Deutsch Bank 2. Mr. Adwait Hedge, Barclays |
| 9 | Other members of staff of the same faculty | 1. Dr. Sudhir N. Dhage 2. Dr. Surekha Dholay 3. Prof. Anand Godbole 4. Prof. Kiran Gawande 5. Prof. Jyoti Ramteke 6. Dr. Nataasha Raul 7. Prof. Reeta Koshy 8. Prof. Sunil Ghane 9. Prof. Abhijeet Salunke 10. Dr. Kailas Devadkar 11. Dr. Rupali Sawant 12. Prof. Jignesh Sisodia |
| 10 | Student members | 1. Akshat Biniwale 2. Naman Badlani |


Principal
Sardar Patel Institute of Technology
Mumbai, India

**BOS
MINUTES OF THE MEETING**

B.Tech Computer Engineering Department

**ACADEMIC YEAR
July 2023- June 2024**



Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY

Munshi Nagar, Andheri (W), Mumbai - 400 058.
(Autonomous Institute Affiliated to the University of Mumbai)

Department of Computer Engineering

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Meeting Name: | BOS Meeting | | |
| Date of Meeting | 22/05/2023 | Time: | 2 pm to 5 pm |
| Minutes Prepared By: | Prof. Swapnali Kurhade & Prof. Reeta Koshy | Location | 310, Hybrid Mode: meet.google.com/ae-b-inps-afq |
| Meeting Agenda : 1. Scheme and Syllabus Discussion semester 6 th to 8 th of Computer Engineering Department | | | |
| Present Members: 1. Dr. Prasenjit Bhavathankar 2. Dr. Y. S. Rao 3. Dr. E. R. Kalbande 4. Dr. S. N. Dhage 5. Dr. Pooja Raundale 6. Dr. Sujata Kulkarni 7. Dr. K K Devadkar 8. Dr. Rupali Sawant 9. Prof. Surekha Dholay 10. Prof. Swapnali Kurhade 11. Prof. D. D. Ambawade 12. Prof. Reeta Koshy 13. Prof. Jignesh Sisodia 14. Prof. Kiran Gawande 15. Prof. Jyoti Ranteke 16. Prof. Pramod Bide 17. Prof. Ruchika Patil 18. Prof. Sunil Ghane | | Experts: 1. Dr. Narendra Choudhari, IIT Indore 2. Dr. Padmaja Joshi, CDAC 3. Dr. Mahesh Shirole, V.J.T.I, Mumbai 4. Dr. Hariram Chavan, K.J.S.I.T, Mumbai 5. Dr. Sandeep Udmale, V.J.T.I, Mumbai 6. Mr. Sunny Nagpal, Morgan Stanley 7. Ms. Priyam Das, Postgraduate Alumni | |
| Topics | Discussion | | |
| Introduction | <ul style="list-style-type: none">Prof. Natasha Raul introduced the Panel members.Dr. P.B. Bhavatankar welcomed Principal Dr. B. N. Chaudhary & Dean Academics Dr. Y. S. Rao. Previous BOS minutes of the meeting for 1st to 4th Semester were read out. Further the scheme and syllabus of 2021-25 B.Tech Computer Engineering was presented.Dr. P.B. Bhavatankar started the meeting by giving brief information of the Computer Engineering programme which is of four years with curriculum of 160 credits. The mini project is introduced right from sem 4 and at the same time we have the industry internship as a part of | | |



Swapnali Kurhade

Shubhi



Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY

Munshi Nagar, Andheri (W), Mumbai - 400 058.
(Autonomous Institute Affiliated to the University of Mumbai)

Department of Computer Engineering

| | |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>the two semesters. Students learn from the MOOC like Swayam NPTEL, and the regular project allows students to explore all the aspects of the curriculum. A table having 160 credits was presented, the table has the distribution of the programme of basic science engineering science courses, Core courses, open elective project, and program Electives.</p> <ul style="list-style-type: none">• Dr. P.B Bhavathankar instantly presented 3rd and 4th Semester Syllabus. No amendments in scheme and syllabus, except mini project 4th sem.• Dr. Udhmale inquired how students are getting prepared for competitive coding. Dr. P. B. Bhavathankar informed that college has MOU with CodeChef and students are using it to enhance their skills. |
| 5 th Sem CS Scheme and Syllabus | <p>5th Sem CE Scheme and Syllabus was presented.</p> <ul style="list-style-type: none">• Theory of Computation, Artificial Intelligence and Machine Learning, Distributed Computing, Cloud and Internet Technology Lab was presented, and suggestions were welcomed. The Panel accepted the Syllabus without any modifications.• In Software Engineering course more emphasis on design patterns was suggested by Mr. Sunny Nagpal |
| 6 th Sem CS Scheme and Syllabus | <p>6th Sem CE Scheme and Syllabus was presented. Program Electives are starting from this semester. For category 2 students Research Internship is introduced and students go to IIT, Bombay, BARC, IIT Patna.</p> <ul style="list-style-type: none">• The System Programming and Compiler Construction course Syllabus was presented by Prof. Anand Godbole and suggestions were welcomed. The Panel accepted the Syllabus without any modifications.• The Soft Computing Course Syllabus was presented by Dr. D. R. Kalbande and suggestions were welcomed. Prof. Sandeep Udhmale raised a query about the inclusion of addition of Multi objective Optimization in the syllabus. Also focus on integrating 3 components like a hybrid system case study.• Foundation of Data Science course syllabus was presented by Dr. P. B. Bhavathankar and suggestions were welcomed. The Panel accepted the Syllabus without any modifications.• Machine Learning course syllabus was presented by Prof Surekha Dholay and suggestions were welcomed from the panel. Suggestion given that Capstone project to be the part of ISE and list of experiment to be updated to 10. Dr. Udhmale raised the query of repeated contents from the AIML subject. One book data mining and analysis: fundamental concepts and algorithms by J. Zaki and Wagner Meira can be included.• Big Data Analytics and Visualization was presented by Prof Pramod Bhide and suggestions were welcomed. The Panel accepted the Syllabus without any modifications. |



Bhavathankar

Sandhi



Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY

Munshi Nagar, Andheri (W), Mumbai - 400 058.
 (Autonomous Institute Affiliated to the University of Mumbai)

Department of Computer Engineering

| | |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none"> The Information and System Security course syllabus was presented by Dr. P. B. Bhavatankar and suggestions were welcomed. The Panel accepted the Syllabus without any modifications. High Performance Computing course syllabus was presented by Dr. P. B. Bhavatankar and suggestions were welcomed. The Panel accepted the Syllabus without any modifications. |
| 7 th Sem CS Scheme and Syllabus | <p>7th Sem has courses as one Program Core, two Open Elective and two Program Elective and major project.</p> <ul style="list-style-type: none"> 7th Sem subject Cryptography and System Security course syllabus was accepted by the Panel without any modifications. A deep Learning course syllabus was presented by Prof Nikahat Mulla and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications. The Natural Language Processing course syllabus was presented by Prof Reeta Koshy and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications. The Cloud Architecture course syllabus was presented by Dr. S. N. Dhage and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications. The AI for Industrial Application course syllabus was presented by Dr. D. R. Kalbande and suggestions were welcomed. Dr. Sandeep raised query of how evaluation will be done? Dr. D. R. Kalbande answered that framing of questions in the question paper will be based on theory covered in class. The Data Driven IOT course syllabus was presented by Prof D. D. Ambawade and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications. The Block Chain Technologies course syllabus was presented by Prof D. D. Ambawade and suggestions were welcomed. Dr. Narendra pointed out that Block Chain Technologies perquisites are to be mentioned. Dr. Padmaja raised a concern of adding Decentralized network to be the part of Syllabus. Research opportunities in Block chain to be added in Syllabus. To which Prof. D. D. Ambawade indicated that he has already added it in self-study, also he has placed end to end application in lab experiment. Digital Forensics and Cyber Security course syllabus was presented by Prof D. D. Ambawade and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications. |
| 8 th Sem CS Scheme and Syllabus | <p>8th Sem has courses as one Open Elective and two Program Elective and major project.</p> <ul style="list-style-type: none"> The Human Machine Interaction course syllabus was presented by Dr. |



Bhavatankar P

Sandeep



Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY

Munshi Nagar, Andheri (W), Mumbai - 400 058.
(Autonomous Institute Affiliated to the University of Mumbai)

Department of Computer Engineering

D.R. Kalbande and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications.

- The Computer Vision course syllabus was presented by Prof. Jignesh Sisodia and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications.
- The Robotics and Automation course syllabus was presented by Prof. Harshil Kanakia and suggestions were welcomed. The Syllabus was accepted by the Panel without any modifications.

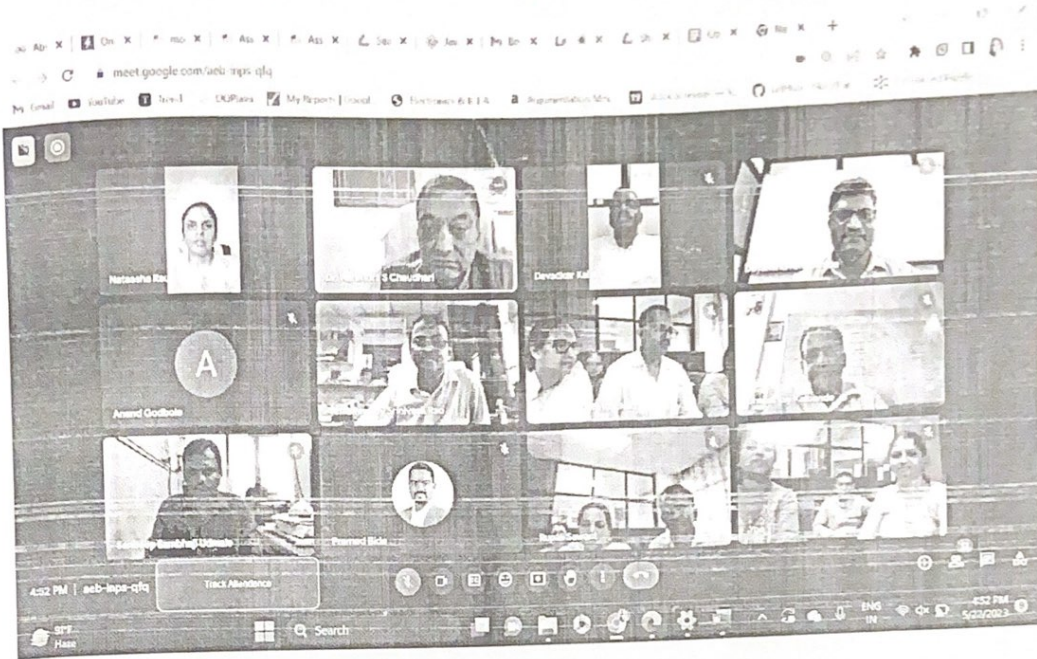


R. Kanakia

Sandeep



Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY
 Munshi Nagar, Andheri (W), Mumbai – 400 058.
 (Autonomous Institute Affiliated to the University of Mumbai)
Department of Computer Engineering



Prasenjit Bhavathankar
 Dr. Prasenjit Bhavathankar
 (HOD.CE)

B. N. Chaudhari
 Dr. B. N. Chaudhari
 (PRINCIPAL)

B. N. Chaudhari
DEAN
 Academics & Research
 Bharatiya Vidya Bhavan's
 Sardar Patel Institute of Technology
 Andheri (W), Mumbai-58.



Prasenjit Bhavathankar

Chaudhari