

Procedure adopted by this institute to evaluate the attainment of POs/PSOs and COs is as described below.

- A. Institute sets the expected level of attainment of POs/PSOs and COs.
- B. Institute calculates attainment of COs and then calculates attainment of POs/PSOs
- C. Institute uses two tools as given below for attainment of COs with their weightage shown in the bracket.

1. Direct assessment tools (80%): Institute uses the following two direct assessment tools for the evaluation of attainment of COs and hence POs/PSOs with the weightage shown in the bracket. Attainment of COs is evaluated using all the three tools. For evaluating attainment of POs/PSOs, the mapping of PO/PSO and course is done. The average of attainment of COs of all the related courses are used to calculate the level of attainment.

1. Continuous assessment during the semester and its analysis (30%). Students are evaluated continuously with help of assignments, class tests and their performance in laboratories throughout the semester. Result of continuous assessment is a significant indicator of attainment of COs. Average marks of all students of continuous assessment are calculated and its % is used for evaluation of attainment.

2. University examination and its result analysis (50%): Result of University examination is analyzed for each subject after its declaration which provides sufficient information about attainment of COs. Average marks of all students of University examination are calculated and its % is used in evaluation of attainment. It is assumed that the attainment of COs is 100% if average marks of all student for any course is more than 80%.

2. Indirect tools (20%): Institute uses the feedback from students as indirect tool: Structured feedback is obtained from every students at the end of every semester wrt teaching quality, satisfaction level and attainment of COs.

% attainment of COs = (0.3*% attainment of COs using direct tool number 1) + (0.5*% attainment of COs using direct tool number 2) + (0.2*% attainment of COs using indirect tool)

D. Attainment of POs/PSOs are calculated as follows.

% attainment of POs/PSOs = Average of % attainment of COs of all related courses

E. Results of attainment of all COs and POs/PSOs and action taken are documented in the appropriate format. (Sample formats along with attainment calculation for one academic year are enclosed in additional information)



KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

PO and PSO Attainment A.Y 2021-22

B.Tech (Computer Engineering) Sem-I/II/III/IV/V/VI/VII/VIII

Sr. No	PO/PSO Number	Title	Expected Level of attainment	Related Courses/ Course codes	Average % of attainment of Cos of all related courses
1	1	Engineering Knowledge	65	ENGG. PHY,ENGG.CHEM, EM--I, EM-II, EM-III,EG,BEEE,CS,CP, EM	70.63
2	2	Problem Analysis	70	OOP, DAA,DM,DS,TOC,CD,OOAD	75.86
3	3	Design/Development of Solutions	65	CAO, DLDM,DAA,OS,DS,OOAD,IOT	60.90
4	4	Conduct Investigations of Complex Problems	60	TOC, DAA, DM, DLDM, PTR	72.19
5	5	Modern Tool Usage	75	TOC, CD, CN, IOT, CB,IOT	76.88
6	6	The Engineer and Society	75	OS, DEM,BC,CB	71.32
7	7	Environment and Sustainability	70	IOT, ML, DT,SE,OS,DS	75.06
8	8	Ethics	65	CL, BC,CB,	81.20
9	9	Individual and Team Work	80	CS	65.98
10	10	Communication	70	CS, BC	73.04
11	11	Project Management and Finance	70	OOMD, SE,DT,DL,IOT	80.32
12	12	Life-long Learning	60	CC, SN, SE,AAD,DLDM,DS,TOC	82.05
13	PSO1	Problems Solutions with Tools and Technology	70	TOC, DAA, DM, DLDM, PS, CC, CD, OS	76.17
14	PSO2	Skills For Employment	75	CS, CC, SE, BT, CN, IOT,	80.81
15	PSO3	Computer Hardware and Networking	75	CN, CC, SE, CAO, OS,IOT,IOT	76.26

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KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

Course Outcome Attainment

A. Y. 2021-22 - Final Year B. Tech(Computer Engineering) Sem-VIII

Sr. No	Course Code	Course Name	Expected Level of attainment of all Cos	% attainment using direct tool 1	% attainment using direct tool 2	% Indirect tool	% attainment	Difference between expected attainment and actual attainment	Action Taken
1	BTCE801	BTCE801 Elective – XI(Social Network)	85	99.06	75.06	76.00	84.85	0.15	For necessary corrective action and to improvement communicated to subject teacher
2	BTCE802	BTCE802 Open Elective – XIII(IIoT)	80	98.94	65.06	80.00	81.60	-1.60	


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DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 Final Year B.TECH (Computer Engineering) Sem-VIII

Roll no	Course Code	Direct Assessment Tools		Direct Assessment Tools	
		ICA (Direct Tool1)		MSE (Direct Tool1)	
		BTCE0801	BTCE0802	BTCE0801	BTCE0802
		BTCE0801 Elective - XI(Social Network)	BTCE0802 Open Elective - XII(IIoT)	BTCE0801 Elective - XI(Social Network)	BTCE0802 Open Elective - XII(IIoT)
Name of Student					
1	PANKANTI AMEY SUDHIRRAO	20	20	17	15
2	BHAVSAR POOJA DHANANJAY	20	20	17	16
3	JOSHI GAURI SANJAY	20	20	16	17
4	CHAUDHARI POOJA VINOD	20	20	15	16
5	DESHMUKH NILAKSHI VIJAY	20	20	16	18
6	KHAIRNAR MOHINI KISHOR	20	20	16	16
7	BOROLE KOMAL JAGDISH	20	20	17	18
8	SONTAKKE KAJAL BHARATKUMAR	20	20	17	17
9	JAYASHRI RAVSAHEB PATIL	20	20	17	12
10	BHAT PAYAL KIRAN	20	20	14	9
11	SONAR GAURAV PADMAKAR	20	20	13	10
12	SURALKAR DHARMENDRA PUNJARAM	20	20	15	13
13	RANMORE GAURAV KISHOR	20	20	15	15
14	CHAUDHARI DHANASHRI SUNDARLAL	20	18	12	7
15	PATIL RENUKA SUNIL	18	19	14	9
16	MAHAJAN MILIND VILAS	20	20	14	16
17	WAGHODEKAR TRUSHA NITINKUMAR	19	18	16	14
18	SHELAR MADHURI DILIP	19	19	16	14
19	NALANDA ASHOK BAVISKAR	20	20	16	15
20	SARDAR ASHWINI RAMESH	20	20	14	14
21	CHAUDHARI SRUSHTI RAMESH	20	20	8	13
22	PATIL GAURAV SURESH	20	20	14	14
23	SONONE KAUSTUBH RAJENDRAKUMAR	18	19	18	15
24	YAWALKAR PRASAD PRAMOD	20	20	18	15
25	MAHAJAN SURYAKANT RAVINDRA	18	17	8	10
26	DIVYANI SANTOSH DHAGE	17	17	14	11
27	PRAVIN RAMCHANDRA DASRE	18	17	9	9
28	PANDHARE AJAY LALA	20	20	16	11
29	TALEJE VIVEK KISHOR	20	20	14	10
30	PATIL PRIYANKA PRAVIN	18	19	9	11



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DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 Final Year B.TECH (Computer Engineering) Sem-VIII

Roll no	Course Code	Direct Assessment Tools		Direct Assessment Tools	
		ICA (Direct Tool1)		MSE (Direct Tool1)	
		BTCOE801	BTCOE802	BTCOE801	BTCOE802
		BTCOE801 Elective - XI(Social Network)	BTCOE802 Open Elective - XII(IIOT)	BTCOE801 Elective - XI(Social Network)	BTCOE802 Open Elective - XII(IIOT)
31	CHAUDHARI SHUBHAM CHANDRAKANT	20	20	13	10
32	PATIL SHREYASH ABHAY	20	20	13	8
33	MAHAJAN KRISHNA VIRENDRA	20	20	11	11
34	SHIROLE JYOTI SANJAY	20	20	15	14
35	PATIL MAYUR PRALHAD	20	20	10	8
36	ASODEKAR PRAJAKTA AVINASH	20	20	9	8
37	JAGTAP SHARDA BADRINATH	20	20	9	14
38	KINGE MEGHA DNYANESHWAR	20	20	15	12
39	MALI YOGESH NATHU	20	20	17	14
40	SEJAL DHANDE	20	20	19	16
41	MORE SHITAL RAVINDRA	20	20	17	16
42	RITIKA BHAVSAR	20	20	18	15
43	WARULE DEVESH PANDURANG	20	20	17	15
44	PATIL VAISHNAVI KIRAN	20	20	18	15
45	PATIL JAYVEERSING KAILASHSING	20	20	13	11
46	MAHAJAN GAYATRI ANIL	20	20	11	14
47	KADAM VIVEK AVINASH	20	20	15	14
48	SURVE HARSHADA MUKESH	20	20	16	14
49	THORAT MEGHA BHUPENDRA	20	20	16	14
50	PATIL HARSHAL YASHWANT	20	20	16	15
51	BANSAL LIPAKSHI RAJESH	20	20	18	15
52	MARATHE KIRTI JITENDRA	20	20	17	13
53	SARODE SMITA VASUDEV	20	20	17	13
54	BORHADE AKSHAY SANJAY	20	20	15	12
55	MAHAJAN SAKSHI VILAS	20	20	17	14
56	ANNADATE MOHINI ANIL	20	20	15	13
57	KAJAL SHAH	20	20	18	13
58	SARASWAT SHUBHAM MAHAVIR	20	20	17	13
59	SALUNKHE CHETAN RAJENDRA	20	20	16	14
60	MAHAJAN AMOL UMESH	20	20	10	10
61	DUARME DAIACHUDI DAVINDRA	20	20	17	15



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A. Y. 2021-22 Final Year B.TECH (Computer Engineering) Sem-VIII

Roll no	Course Code	Direct Assessment Tools		Direct Assessment Tools	
		ICA (Direct Tool1)		MSE (Direct Tool1)	
		BTCOE801	BTCOE802	BTCOE801	BTCOE802
		BTCOE801 Elective - XI(Social Network)	BTCOE802 Open Elective - XII(IIoT)	BTCOE801 Elective - XI(Social Network)	BTCOE802 Open Elective - XII(IIoT)
62	CHAVAN RAJASHRI ADHAR	20	20	16	11
63	CHAUDHARI DARSHANA GOVINDA	20	20	17	13
64	KHADKE RAJASHRI BALIRAM	20	20	16	14
65	PAWAR HARSHADA SURYAKANT	20	20	17	12
66	KHADKE HITESHI HEMANT	20	20	16	12
67	SHIMPI PIYUSH GOPAL	20	20	18	12
68	PATIL SHWETA SHRAVAN	20	20	18	15
69	HARSHAD VILAS MAHAJAN	20	20	10	10
70	KHODAPE PRIYANKA BHIKA	20	20	17	13
71	PATIL AISHVARYA ARUN	20	20	18	14
72	CHAUDHARI TEJAL VITTHAL	20	20	18	13
73	MORE SHARDA DNYANESHWAR	20	20	18	14
74	CHAUDHARI JAGRUTI NARAYAN	20	20	18	13
75	CHAUDHARI PRAFULL SUNIL	20	20	12	11
76	PATIL TANUJA GAJANAN	20	20	13	11
77	MAHAJAN VASUDHA VISHWAS	20	20	16	16
78	PATIL SHASHANK BHAIYA	20	20	16	10
79	PATIL PRATIK PRATAP	20	20	9	8
80	MAYURI GAWTE	20	20	18	16

Average of marks

% attainment of courses

Average feedback

% attainment (feedback)

19.8125	19.7875	15.0125	13.0125
99.0625	98.9375	75.0625	65.0625
3.8	4		
76	80		



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KCES's College of Engineering and Management, Jalgaon
DEPARTMENT OF COMPUTER ENGINEERING

Course Outcome Attainment
A. Y. 2021-22 - Final Year B.TECH (Computer Engineering) Sem- VII

Sr. No	Course Code	Course Name	Expected Level of attainment	% attainment using direct tool 1	% attainment using direct tool 2	% indirect tool	% attainment	Difference between expected attainment and actual attainment	Action Taken
1	BTCOC701	BTCOC701 Software Engineering	85	86.25	87.25	84.00	86.20	-1.20	For necessary corrective action and improvement communicated to subject teacher
2	BTCOE702	BTCOE702 Big Data Analytics	90	91.50	87.56	84.00	88.43	1.57	
3	BTCOE703	BTCOE703 Cloud Computing	90	88.88	94.63	86.00	90.60	-0.60	
4	BTCOE704	BTCOE704A Blockchain Technology	85	98.88	98.25	88.00	96.45	-11.45	

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KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 Final Year B.Tech (Computer Engineering) Sem-VII

Roll no	Name of Student	Direct Assessment Tools					Direct Assessment Tools						
		ICA (Direct Tool 1)					MSE(Direct Tool 2)						
		BTCCOC701	BTCCOE702	BTCCOE703	BTCCOE704	BTCCOC701	BTCCOE702	BTCCOE703	BTCCOE704	BTCCOE701	BTCCOE702	BTCCOE703	BTCCOE704
		Engineering BTCCOC701 Software	Analytics BTCCOE702 Big Data	Computing BTCCOE703 Cloud	Blockchain BTCCOE704 Technology	Engineering BTCCOC701 Software	Analytics BTCCOE702 Big Data	Computing BTCCOE703 Cloud	Blockchain BTCCOE704 Technology	Engineering BTCCOC701 Software	Analytics BTCCOE702 Big Data	Computing BTCCOE703 Cloud	Blockchain BTCCOE704 Technology
1	PANKANTI AMEY SUDHIRRAO	17	19	17	20	17	18	17	20	17	18	18	20
2	BHAVSAR POOJA DHANANJAY	17	18	15	20	18	18	20	20	18	18	20	20
3	JOSHI GAURI SANJAY	18	18	19	20	19	18	20	20	19	18	20	20
4	CHAUDHARI POOJA VINOD	18	19	19	20	19	19	20	20	19	18	20	20
5	DESHMUKH NILAKSHI VIJAY	19	19	19	20	19	19	20	20	19	18	20	20
6	KHAIRNAR MOHINI KISHOR	18	18	19	20	17	18	20	20	17	18	20	20
7	BOROLE KOMAL JAGDISH	18	18	19	20	19	18	20	20	19	18	20	20
8	SONTAKKE KAJAL BHARATKUMAR	19	19	19	20	19	19	20	20	19	18	20	20
9	JAYASHRI RAVSAHEB PATIL	16	19	18	20	16	18	20	20	16	18	18	20
10	BHAT PAYAL KIRAN	16	18	18	20	16	18	20	20	16	18	17	20
11	SONAR GAURAV PADMAKAR	19	16	18	20	19	16	20	20	19	16	20	20
12	SURALKAR DHARMENDRA PUNJARAM	19	16	19	20	19	16	20	20	19	16	20	20
13	RANMORE GAURAV KISHOR	19	16	19	20	14	16	20	20	14	16	20	20
14	CHAUDHARI DHANASHRI SUNDARLAL	18	20	15	16	19	19	16	16	19	19	19	20
15	PATIL RENUKA SUNIL	16	18	17	20	16	18	18	20	16	18	18	20



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DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 Final Year B.Tech (Computer Engineering) Sem-VII

Roll no	Direct Assessment Tools				Direct Assessment Tools			
	ICA (Direct Tool 1)				MSE(Direct Tool 2)			
	BTCOC701	BTCOE702	BTCOE703	BTCOE704	BTCOC701	BTCOE702	BTCOE703	BTCOE704A
	Engineering BTCOC701 Software	Analytics BTCOE702 Big Data	Computing BTCOE703 Cloud	Blockchain BTCOE704A	Engineering BTCOC701 Software	Analytics BTCOE702 Big Data	Computing BTCOE703 Cloud	Blockchain BTCOE704A
16	MAHAJAN MILIND VILAS	18	15	19	20	19	13	20
17	WAGHODEKAR TRUSHA NITINKUMAR	17	14	15	20	12	13	18
18	SHELAR MADHURI DILIP	16	20	17	20	16	20	20
19	NALANDA ASHOK BAVISKAR	17	18	15	20	19	17	20
20	SARDAR ASHWINI RAMESH	18	20	15	20	19	19	20
21	CHAUDHARI SRUSHTI RAMESH	18	18	15	20	19	18	20
22	PATIL GAURAV SURESH	19	20	19	20	19	19	20
23	SONONE KAUSTUBH RAJENDRAKUMAR	18	20	18	20	17	19	20
24	YAWALKAR PRASAD PRAMOD	19	20	19	20	18	19	20
25	MAHAJAN SURYAKANT RAVINDRA	15	20	14	20	17	19	20
26	DIVYANI SANTOSH DHAGE	14	16	14	20	16	16	20
27	PRAVIN RAMCHANDRA DASRE	14	12	15	20	15	11	20
28	PANDHARE AJAY LALA	18	19	19	20	16	17	20
29	TALELE VIVEK KISHOR	16	19	18	20	15	18	17

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DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 Final Year B.Tech (Computer Engineering) Sem-VII

Roll no	Course Code	Direct Assessment Tools				Direct Assessment Tools			
		ICA (Direct Tool 1)				MSE(Direct Tool 2)			
		BTCOC701 Engineering BTCOC701 Software	BTCOE702 Analytics BTCOE702 Big Data	BTCOE703 Computing BTCOE703 Cloud	BTCOE704 Blockchain BTCOE704A	BTCOC701 Engineering BTCOC701 Software	BTCOE702 Analytics BTCOE702 Big Data	BTCOE703 Computing BTCOE703 Cloud	BTCOE704 Blockchain BTCOE704A
30	PATIL PRIYANKA PRAVIN	14	19	18	20	14	17	19	20
31	CHAUDHARI SHUBHAM CHANDRAKANT	18	18	17	20	19	17	17	20
32	PATIL SHREYASH ABHAY	10	14	10	20	13	12	17	20
33	MAHAJAN KRISHNA VIRENDRA	16	20	15	20	17	19	20	20
34	SHIROLE JYOTI SANJAY	16	20	19	18	16	20	20	20
35	PATIL MAYUR PRALHAD	18	18	18	20	19	18	20	20
36	ASODEKAR PRAJAKTA AVINASH	17	14	16	20	14	12	18	20
37	JAGTAP SHARDA BADRINATH	16	16	17	20	18	15	18	20
38	KINGE MEGHA DNYANESHWAR	17	18	19	20	15	18	20	20
39	MALI YOGESH NATHU	16	18	17	20	16	18	20	20
40	SEJAL DHANDE	18	20	19	20	18	19	20	20
41	MORE SHITAL RAVINDRA	18	18	18	20	15	17	17	16
42	RITIKA BHAVSAR	18	20	19	20	18	19	20	20
43	WARULE DEVESH PANDURANG	18	20	19	20	19	19	19	20
44	PATIL VAISHNAVI KIRAN	18	20	19	20	18	19	19	20



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DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 Final Year B.Tech (Computer Engineering) Sem-VII

Roll no	Name of Student	Direct Assessment Tools				Direct Assessment Tools									
		ICA (Direct Tool 1)				MSE (Direct Tool 2)									
		Course Code	BTCCOC701	BTCOE702	BTCOE703	BTCCOC701	BTCOE702	BTCOE703	BTCOE704A						
45	PATIL JAVVEERSING KAILASHSING	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	19	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	19	BTCOE704A Blockchain Technology	18
46	MAHAJAN GAYATRI ANIL	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	18	BTCOE703 Cloud Computing	17	BTCCOC701 Software Engineering	16	BTCOE702 Big Data Analytics	17	BTCOE703 Cloud Computing	16	BTCOE704A Blockchain Technology	20
47	KADAM VIVEK AVINASH	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	13	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	20	BTCOE704A Blockchain Technology	20
48	SURVE HARSHADA MUKESH	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	19	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	19	BTCOE704A Blockchain Technology	20
49	THORAT MEGHA BHUPENDRA	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	19	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	20	BTCOE704A Blockchain Technology	20
50	PATIL HARSHAL YASHWANT	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	19	BTCCOC701 Software Engineering	15	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	19	BTCOE704A Blockchain Technology	18
51	BANSAL LIPAKSHI RAJESH	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	19	BTCCOC701 Software Engineering	16	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	20	BTCOE704A Blockchain Technology	20
52	MARATHE KIRTI JITENDRA	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	18	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	17	BTCOE702 Big Data Analytics	18	BTCOE703 Cloud Computing	18	BTCOE704A Blockchain Technology	20
53	SARODE SMITA VASUDEV	BTCCOC701 Software Engineering	16	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	19	BTCCOC701 Software Engineering	19	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	19	BTCOE704A Blockchain Technology	20
54	BORHADE AKSHAY SANJAY	BTCCOC701 Software Engineering	17	BTCOE702 Big Data Analytics	18	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	17	BTCOE703 Cloud Computing	19	BTCOE704A Blockchain Technology	20
55	MAHAJAN SAKSHI VILAS	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	19	BTCCOC701 Software Engineering	19	BTCOE702 Big Data Analytics	17	BTCOE703 Cloud Computing	19	BTCOE704A Blockchain Technology	20
56	ANNADATE MOHINI ANIL	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	18	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	19	BTCOE702 Big Data Analytics	17	BTCOE703 Cloud Computing	20	BTCOE704A Blockchain Technology	20
57	KAJAL SHAH	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	20	BTCOE703 Cloud Computing	19	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	20	BTCOE704A Blockchain Technology	20
58	SARASWAT SHUBHAM MAHAVIR	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	19	BTCOE703 Cloud Computing	19	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	17	BTCOE703 Cloud Computing	20	BTCOE704A Blockchain Technology	20
59	SALUNKHE CHETAN RAJENDRA	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	16	BTCOE703 Cloud Computing	18	BTCCOC701 Software Engineering	18	BTCOE702 Big Data Analytics	16	BTCOE703 Cloud Computing	20	BTCOE704A Blockchain Technology	20



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A. Y 2021-22 Final Year B.Tech (Computer Engineering) Sem-VII



Roll no	Name of Student	Direct Assessment Tools				Direct Assessment Tools				
		ICA (Direct Tool 1)				MSE(Direct Tool 2)				
		BTCOC701 Engineering	BTCOE702 Analytics	BTCOE703 Cloud Computing	BTCOE704 Blockchain Technology	BTCOC701 Software Engineering	BTCOE702 Big Data Analytics	BTCOE703 Cloud Computing	BTCOE704A Blockchain Technology	
60	MAHAJAN AMOL UMESH	16	12	15	18	19	12	19	19	20
61	BHAMRE RAJASHRI RAVINDRA	18	20	18	20	18	19	18	18	20
62	CHAVAN RAJASHRI ADHAR	17	12	18	18	14	12	20	18	20
63	CHAUDHARI DARSHANA GOVINDA	18	20	19	18	19	19	19	20	14
64	KHADKE RAJASHRI BALIRAM	18	20	19	20	19	20	20	20	20
65	PAWAR HARSHADA SURYAKANT	18	20	18	18	17	19	20	20	18
66	KHADKE HITESHI HEMANT	18	18	19	20	18	18	20	20	20
67	SHIMPI PIYUSH GOPAL	18	17	19	18	19	16	19	19	20
68	PATIL SHWETA SHRAVAN	18	20	19	18	19	19	18	19	20
69	HARSHAD VILAS MAHAJAN	16	12	18	18	19	19	18	17	20
70	KHODAPE PRIYANKA BHIKA	18	20	18	20	17	11	20	20	20
71	PATIL AISHVARYA ARUN	18	20	19	20	18	19	20	20	20
72	CHAUDHARI TEJAL VITTHAL	18	20	19	20	18	19	20	20	20
73	MORE SHARDA DNYANESHWAR	18	18	19	20	19	19	20	20	20
74	CHAUDHARI JAGRUTI NARAYAN	18	20	19	20	19	17	19	19	20

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A. Y 2021-22 Final Year B.Tech (Computer Engineering) Sem-VII

Roll no	Name of Student	Direct Assessment Tools				Direct Assessment Tools			
		ICA (Direct Tool 1)				MSE (Direct Tool 2)			
		BTCOC701	BTCOE702	BTCOE703	BTCOE704	BTCOC701	BTCOE702	BTCOE703	BTCOE704A
75	CHAUDHARI PRAFULL SUNIL	Engineering BTCOC701 Software	Analytics BTCOE702 Big Data	Cloud Computing BTCOE703 Cloud	Blockchain Technology BTCOE704	Engineering BTCOC701 Software	Analytics BTCOE702 Big Data	Cloud Computing BTCOE703 Cloud	Blockchain Technology BTCOE704A
76	PATIL TANUJA GAJANAN	17	20	19	20	19	19	19	18
77	MAHAJAN VASUDHA VISHWAS	18	20	18	20	19	19	20	20
78	PATIL SHASHANK BHAIYA	17	20	18	20	19	19	19	20
79	PATIL PRATIK PRATAP	9	14	17	20	16	14	19	20
80	MAYURI GAWTE	18	20	19	20	17	19	19	20

Average of marks	17.25	18.30	17.78	19.78	17.45	17.51	18.93	19.65
% attainment of courses	86.25	91.50	88.88	98.88	87.25	87.56	94.63	98.25
Average feedback	4.2	4.2	4.3	4.4				
% attainment (feedback)	84	84	86	88				



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KCES's College of Engineering and Management , Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

Course Outcome Attainment

A. Y. 2021 -22 T.Y B.TECH (Computer Engineering) Sem-VI

Sr. No	Course Code	Course Name	Expected Level of attainment of all Cos	% attainment using direct tool 1	% attainment using direct tool 2	% Indirect tool	% attainment	Difference between expected attainment and actual attainment	Action Taken
1	BTCOC601	BTCOC601 Compiler Design	65	66.39	56.94	78.00	64.93	0.07	
2	BTCOC602	BTCOC602 Computer Networks	65	65.28	52.43	82.00	63.48	1.52	
3	BTCOE603	BTCOE603 Object-Oriented Analysis Design	70	63.47	68.13	80.00	68.64	1.36	
4	BTCOE604	BTCOE604 Internet of thing	70	68.96	62.08	82.00	68.82	1.18	
5	BTCOE605	BTCOE605 Consumer Behaviour	70	71.60	71.11	80.00	73.08	-3.08	For necessary corrective improvement and action communicated to subject teacher

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HOD Computer Dept

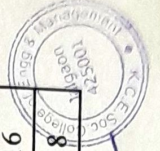


DEPARTMENT OF ENGINEERING AND MANAGEMENT, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y. B. Tech(Computer Engineering) Sem-VI

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct Tool1)					MSE (Direct Tool2)				
		BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605	BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605
1	ZURKALE SAURABH VIJAY	14	15	14	14	15	12	9	15	8	15
2	PATIL HARSHADA SUNIL	13	11	12	8	17	15	10	14	14	17
3	PATIL SAGAR ANIL	12	11	12	11	8	11	8	14	9	14
4	KUMBHAR SWATI ANIL	14	11	14	11	16	12	9	12	9	16
5	DIKSHA KRISHNA AHIRANE	13	14	12	14	17	14	9	12	9	16
6	MAIRALE GOPAL DILIP	12	11	14	12	14	5	7	12	9	16
7	HEMVARSHA PATIL	12	12	12	11	17	10	11	15	10	12
8	KOTWAL UMESH PRALHAD	14	14	12	18	17	16	11	14	14	18
9	MAHAJAN HARSHAL LAXMAN	8	9	11	9	8	4	5	10	9	9
10	MAHAJAN HIMANI NIVRUTTI	12	15	14	14	17	8	8	14	14	13
11	CHAUDHARI BHAIRAV MILIND	12	13	12	13	12	8	8	15	15	16
12	HIRE TEJASWINI VIJAY	17	14	14	17	16	14	12	17	17	15
13	PATIL PUSHKAR JAYANT	12	16	12	12	15	13	9	17	12	15
14	TEJAS SHARAD SAPKALE	16	15	11	17	17	17	16	18	16	19
15	TANIYA SHAIKH ABDUL HAFIZ	15	14	12	14	17	10	12	16	16	16
16	PATIL YOGINI SANJAY	12	12	12	14	17	8	11	18	14	18



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DEPARTMENT OF ENGINEERING AND MANAGEMENT, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y. B. Tech(Computer Engineering) Sem-VI

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct ToolI)					MSE (Direct Tool2)				
		BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605	BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605
1	ZURKALE SAURABH VIJAY	14	15	14	14	15	12	9	15	8	15
2	PATIL HARSHADA SUNIL	13	11	12	8	17	15	10	14	14	17
3	PATIL SAGAR ANIL	12	11	12	11	8	11	8	14	9	14
4	KUMBHAR SWATI ANIL	14	11	14	11	16	12	9	12	9	16
5	DIKSHA KRISHNA AHIRANE	13	14	12	14	17	14	9	12	9	16
6	MAIRALE GOPAL DILIP	12	11	14	12	14	5	7	11	10	12
7	HEMVARSHA PATIL	12	12	12	11	17	10	11	15	14	18
8	KOTWAL UMESH PRALHAD	14	14	12	18	17	16	11	14	15	18
9	MAHAJAN HARSHAL LAXMAN	8	9	11	9	8	4	5	10	9	9
10	MAHAJAN HIMANI NIVRUTTI	12	15	14	14	17	8	8	14	14	13
11	CHAUDHARI BHAIRAV MILIND	12	13	12	13	12	8	8	15	15	16
12	HIRE TEJASWINI VIJAY	17	14	14	17	16	14	12	17	17	15
13	PATIL PUSHKAR JAYANT	12	16	12	12	15	13	9	17	12	15
14	TEJAS SHARAD SAPKALE	16	15	11	17	17	17	16	18	16	19
15	TANIYA SHAIKH ABDUL HAFIZ	15	14	12	14	17	10	12	16	16	16
16	PATIL YOGINI SANJAY	12	12	12	14	17	8	11	18	14	18



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RAJESHWAR COLLEGE OF ENGINEERING AND MANAGEMENT, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y. B. Tech(Computer Engineering) Sem-VI

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct Tool1)					MSE (Direct Tool2)				
		BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605	BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605
17	TEJASWINI KAILAS MALI	12	12	12	14	11	8	17	15	12	17
18	SHIMPI BHAGYASHRI JITENDRA	15	13	12	17	17	11	13	16	15	17
19	CHEITNA SHATISH MAHAJAN	17	15	12	16	17	10	11	15	17	16
20	PAWARA DINESH SUKLAL	12	13	14	12	13	8	10	12	9	11
21	WARADE ANKIT NANDKISHOR	12	10	12	10	12	3	2	8	4	11
22	HOLE GAYATRI BHAGWAT	12	12	11	12	12	9	13	17	15	16
23	MAHAJAN MAYURI POPAT	19	17	12	19	19	18	15	19	19	18
24	BONDE SUYASH SANJAY	15	13	12	15	11	13	13	16	13	14
25	PATIL VISHAKHA RAJENDRA	12	14	14	15	12	13	8	16	13	16
26	PATIL SRUSHTI GOPAL	12	12	14	14	15	9	10	11	10	12
27	RAJPUT PRITI SARDARSING	12	11	12	11	11	4	6	8	8	12
28	MAHALE MORESHWAR ARUN	15	13	12	17	17	9	9	14	9	14
29	MO IMRAN MO ANIS RANGREJ	13	13	12	15	13	9	11	13	13	16
30	ASHISHPRADIPKUMARGUPTA	12	13	12	18	15	10	8	12	9	14
31	MALI HARSHIT HIRALAL	13	14	12	15	11	11	11	15	10	15
32	PAWAR GIRISH DATTATRAY	14	15	14	16	14	14	11	17	8	16



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DEPARTMENT OF ENGINEERING AND MANAGEMENT, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y. B. Tech(Computer Engineering) Sem-VI

Roll no	Student Name	Course Code	Direct Assessment Tools					Direct Assessment Tools				
			ICA (Direct Tool1)					MSE (Direct Tool2)				
			BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605	BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605
33	PATIL SEJAL SUHAS	BTCOC601	15	16	14	18	17	17	13	19	17	18
34	PATIL MADHURI SUNIL	BTCOC601	14	14	12	16	17	13	9	17	16	17
35	SHIVADE KALYANI SUKLAL	BTCOC601	12	11	12	11	13	13	10	13	8	17
36	DHAKATE SAHIL BALKRISHNA	BTCOC601	20	17	14	19	18	18	15	19	14	18
37	BHANGALE HEMANT GANESH	BTCOC601	12	14	12	12	13	10	10	12	12	14
38	THAKUR AJAY BAJARANSING	BTCOC601	12	15	12	14	17	12	12	10	14	12
39	SURYA WANSHI BHAVIL BHASKAR	BTCOC601	14	12	12	14	15	10	8	15	14	10
40	MALCHE RITESH RAJESH	BTCOC601	8	8	12	8	9	2	6	2	6	8
41	PATIL DIVYA DILIP	BTCOC601	12	12	14	15	15	12	8	13	13	13
42	DEVANG KAUSTUBH DIGAMBAR	BTCOC601	15	16	12	19	17	16	15	17	17	18
43	PATIL RUPEN ANANT	BTCOC601	15	13	12	15	16	14	16	16	18	11
44	ROTE BHAVESH UDAY	BTCOC601	12	12	14	12	13	14	11	18	16	18
45	PATIL SHRADDHA SUNIL	BTCOC601	15	16	14	18	17	13	10	18	14	18
46	KSHIRSAGAR PRANOTI RAJENDRA	BTCOC601	14	16	14	16	15	13	11	15	18	17
47	NEHA ANIL PATIL	BTCOC601	14	14	12	14	15	17	12	14	14	16
48	PATIL DIVYA BALKRISHNA	BTCOC601	15	14	12	15	14	12	12	12	10	12

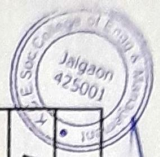


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DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y. B. Tech(Computer Engineering) Sem-VI

Roll no	Student Name	Course Code	Direct Assessment Tools					Direct Assessment Tools						
			ICA (Direct Tool1)					MSE (Direct Tool2)						
			BTCOC601 Compiler Design	BTCOC602 Computer Networks	BTCOE603 Object-Oriented Analysis Design	BTCOE604 Internet of thing	BTCOE605 Consumer Behaviour	BTCOC601 Compiler Design	BTCOC602 Computer Networks	BTCOE603 Object-Oriented Analysis Design	BTCOE604 Internet of thing	BTCOE605 Consumer Behaviour		
49	PATIL KIRAN DNYANESHWAR	14	14	14	17	16	13	10	12	10	12	10	12	12
50	VARSHA SANTOSH DEVANG	12	11	12	11	15	13	11	14	12	12	12	12	12
51	WAGHODEKAR TANUSHA NITIKUMAR	8	8	14	9	14	10	11	15	12	13	12	13	13
52	PATIL MANSI SANJAY	20	17	12	19	19	19	13	18	18	18	18	18	18
53	RANE TOSHIKA DHANRAJ	18	17	12	18	18	19	13	17	17	17	17	18	18
54	SAKSHI RAJENDRA NARKHEDE	9	9	14	9	12	12	3	11	8	8	8	8	8
55	MOHINI DAGADU RANE	12	12	12	11	14	16	13	15	17	18	17	18	18
56	TADAVI TANUJA GULSHER	12	8	12	8	8	1	10	3	1	8	1	8	8
57	KAYASTH VISHAL GANESH	13	12	12	11	15	12	12	13	15	16	15	16	16
58	SALUNKHE VAISHNAVI RAMESH	17	18	14	14	17	17	13	14	17	14	17	14	14
59	ZOPE SUSHANT AJAY	14	16	12	15	16	14	13	16	15	15	15	15	15
60	POOJA KAILAS PATIL	16	17	14	19	16	16	13	17	18	17	18	17	17
61	CHAUDHARI SOHAM PRASAD	12	13	14	13	14	11	12	9	10	9	10	9	9
62	KHARCHE VISHAKHA VIJAY	12	11	14	10	12	10	12	16	15	16	15	16	16
63	KRUSHNA PRASHANT SHARMA	12	13	12	13	14	11	13	13	11	13	11	17	17
64	SABALE DHIRAJ BALU	12	12	14	13	17	11	14	13	13	13	13	8	8



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DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y. B. Tech(Computer Engineering) Sem-VI

Roll no	Student Name	Course Code	Direct Assessment Tools					Direct Assessment Tools						
			ICA (Direct Tool1)					MSE (Direct Tool2)						
			BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605	BTCOC601	BTCOC602	BTCOE603	BTCOE604	BTCOE605		
65	PATIL PRATIK ANIL		12	17	14	15	15	15	11	11	12	9	9	9
66	JADHAV SUBODH SIDDHARTH		14	15	14	19	17	18	14	14	19	17	18	18
67	AISHWARYA GAJANAN PATIL		19	15	14	17	18	16	15	14	14	16	18	18
68	SONA WANE NILESH CHHOTU		8	9	14	9	8	0	0	0	0	0	0	0
69	KUNAL RANGARAO PATIL		10	10	14	13	10	9	12	15	14	14	12	12
70	JOSHI KAUSTUBH SURENDRA		12	8	11	8	9	8	3	3	3	9	8	8
71	MARATHE PRITAM RAVINDRA		12	11	11	11	8	7	5	8	8	8	8	8
72	NEHTE CHETAN ANIL		12	10	11	10	8	5	8	8	8	6	13	13

Average of marks	13.2778	13.0556	12.6944	13.7917	14.3194	11.3889	10.48611	13.625	12.4167	14.2222
% attainment of courses	66.3889	65.2778	63.4722	68.9583	71.5972	56.9444	52.43056	68.125	62.0833	71.1111
Average feedback	3.9	4.1	4	4.1	4	5	5	8	8	8
% attainment (feedback)	78	82	80	82	80	82	80	82	80	80



KCES's College of Engineering and Management , Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

Course Outcome Attainment

A.Y 2021-22 - T.Y B.TECH (Computer Engineering) Sem-V

Sr. No	Course Code	Course Name	Expected Level of attainment of all Cos	% attainment using direct tool 1	% attainment using direct tool 2	% Indirect tool	% attainment	Difference between expected attainment and actual attainment	Action Taken
1	BTCOC501	BTCOC501 Database Systems	80	79.72	71.69	72.00	74.96	5.04	For necessary corrective action and improvement communicated to subject teacher
2	BTCOC502	BTCOC502 Theory of Computations	90	80.92	82.32	80.00	81.30	8.70	
3	BTCOC503	BTCOC503 Machine Learning	70	79.01	59.79	76.00	70.72	-0.72	
4	BTCOE504	BTCOE504 Cyber Laws	90	99.08	87.96	78.00	90.42	-0.42	
5	BTCOE505	BTCOE505 Business Communication	85	80.92	82.32	74.00	80.10	4.90	


HOD Computer Dept



KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y B.Tech (Computer Engineering) Sem-V

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct Tool 1)					MSE (Direct Tool 2)				
		BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505	BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505
		BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication	BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication
1	ZURKALE SAURABH VIJAY	16	17	18	20	17	15	17	14	19	17
2	PATIL HARSHADA SUNIL	14	16	19	20	16	11	17	12	14	17
3	PATIL SAGAR ANIL	16	17	15	20	17	15	18	14	19	18
4	KUMBHAR SWATI ANIL	18	16	15	18	16	17	17	11	19	17
5	DIKSHA KRISHNA AHIRANE	16	17	11	20	17	16	17	12	18	17
6	MAIRALE GOPAL DILIP	14	13	18	20	13	2	8	8	16	8
7	HEMVARSHA PATIL	14	18	16	20	18	12	15	12	19	15
8	KOTWAL UMESH PRALHAD	20	16	14	20	16	20	18	10	19	18
9	MAHAJAN HARSHAL LAXMAN	18	16	18	20	16	17	14	8	19	14
10	MAHAJAN HIMANI NIVRUTTI	16	17	16	20	17	15	16	11	13	16
11	CHAUDHARI BHAIRAV MILIND	13	17	18	20	17	11	13	8	18	13
12	HIRE TEJASWINI VIJAY	15	17	19	20	17	12	13	10	19	13
13	PATIL PUSHKAR JAYANT	18	19	18	20	19	17	20	14	20	20

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KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y B.Tech (Computer Engineering) Sem-V

Roll no	Direct Assessment Tools					Direct Assessment Tools														
	ICA (Direct Tool I)					MSE (Direct Tool 2)														
	BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505	BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505										
	Course Code																			
		Student Name																		
14	TEJAS SHARAD SAPKALE																			
15	TANIYA SHAIKH ABDUL HAFIZ																			
16	PATIL YOGINI SANJAY																			
17	TEJASWINI KAILAS MALI																			
18	SHIMPI BHAGYASHRI JITENDRA																			
19	CHETNA SHATISH MAHAJAN																			
20	PAWARA DINESH SUKLAL																			
21	WARADE ANKIT NANDKISHOR																			
22	HOLE GAYATRI BHAGWAT																			
23	MAHAJAN MAYURI POPAT																			
24	BONDE SUYASH SANJAY																			
25	PATIL VISHAKHA RAJENDRA																			



KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y B.Tech (Computer Engineering) Sem-V

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct Tool I)					MSE (Direct Tool 2)				
		BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505	BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505
		BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication	BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication
14	TEJAS SHARAD SAPKALE	18	18	18	20	18	17	14	20	19	19
15	TANIYA SHAIKH ABDUL HAFIZ	18	17	15	20	17	17	14	18	19	19
16	PATIL YOGINI SANJAY	18	18	11	20	18	18	12	17	19	19
17	TEJASWINI KAILAS MALI	12	19	17	20	19	12	11	17	15	15
18	SHIMPI BHAGYASHRI JITENDRA	18	18	17	20	18	17	13	18	19	19
19	CHETNA SHATISH MAHAJAN	18	18	15	20	18	17	14	19	19	19
20	PAWARA DINESH SUKLAL	20	14	11	20	14	20	8	15	15	15
21	WARADE ANKIT NANDKISHOR	16	12	15	16	12	7	9	16	17	17
22	HOLE GAYATRI BHAGWAT	20	18	18	20	18	20	9	18	17	17
23	MAHAJAN MAYURI POPAT	18	18	15	20	18	18	16	20	17	17
24	BONDE SUYASH SANJAY	14	18	14	20	18	13	9	17	16	16
25	PATIL VISHAKHA RAJENDRA	15	18	14	20	18	12	12	18	16	16



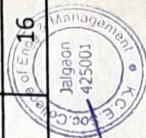
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COLLEGE OF ENGINEERING AND MANAGEMENT, JALGAON

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y B.Tech (Computer Engineering) Sem-V

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct Tool I)					MSE (Direct Tool 2)				
		BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505	BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505
		BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication	BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication
26	PATIL SRUSHTI GOPAL	16	15	14	20	15	17	9	19	17	
27	MAHALE MORESHWAR ARUN	14	16	15	20	16	17	13	20	17	
28	MO IMRAN MO ANIS RANGREJ	14	18	16	20	18	18	14	18	18	
29	ASHISHPRADIPKUMARGUPTA	14	16	15	20	16	15	13	19	15	
30	MALI HARSHIT HIRALAL	14	17	16	20	17	17	12	20	17	
31	PAWAR GIRISH DATTATRAY	14	19	17	20	19	19	13	20	19	
32	PATIL SEJAL SUHAS	18	18	14	20	18	17	16	16	17	
33	PATIL MADHURI SUNIL	18	18	15	20	18	17	8	19	17	
34	SHIVADE KALYANI SUKLAL	14	16	17	20	16	13	18	19	13	
35	DHAKATE SAHIL BALKRISHNA	18	16	19	20	16	17	17	18	17	
36	BHANGALE HEMANT GANESH	18	19	16	20	19	20	14	19	20	
37	THAKUR AJAY BAJARANSING	18	18	16	20	18	17	11	20	17	
38	SURYAWANSHI BHAVIL BHASKAR	14	15	11	17	15	16	8	17	16	



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KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y B.Tech (Computer Engineering) Sem-V

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools					
		ICA (Direct Tool I)					MSE (Direct Tool 2)					
		BTCOC501	BTCOC502	BTCOC503	BTCOE504	BTCOE505	BTCOC501	BTCOC502	BTCOC503	BTCOE504	BTCOE505	
39	MALCHE RITESH RAJESH	15	9	13	16	9	8	8	8	8	8	8
40	PATIL DIVYA DILIP	14	14	15	20	14	13	10	20	20	13	13
41	DEVANG KAUSTUBH DIGAMBAR	12	17	19	20	17	12	14	17	14	14	14
42	PATIL RUPEN ANANT	20	18	18	20	18	19	15	20	15	20	15
43	ROTE BHAVESH UDAY	18	17	17	20	17	17	15	20	15	18	20
44	PATIL SHRADDHA SUNIL	16	18	17	20	18	15	13	18	13	18	19
45	KSHIRSAGAR PRANOTI RAJENDRA	16	18	18	20	18	15	13	18	13	18	19
46	NEHA ANIL PATIL	14	17	12	20	17	13	9	18	9	18	16
47	PATIL DIVYA BALKRISHNA	18	16	18	20	16	18	16	18	16	18	14
48	PATIL KIRAN DNYANESHWAR	18	15	15	20	15	18	14	18	14	18	15
49	VARSHA SANTOSH DEVANG	16	14	14	20	14	15	8	17	8	17	15
50	WAGHODEKAR TANUSHA NITIKUMAR	12	11	15	20	11	9	8	16	8	16	16
51	PATIL MANSI SANJAY	18	19	17	20	19	18	17	19	15	19	15



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KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y B.Tech (Computer Engineering) Sem-V

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct Tool 1)					MSE (Direct Tool 2)				
		BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505	BTCOC501	BTCOC502	BTCOC503	BTCOC504	BTCOC505
		BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication	BTCOC501 Database Systems	BTCOC502 Theory of Computations	BTCOC503 Machine Learning	BTCOC504 Cyber Laws	BTCOC505 Business Communication
52	RANE TOSHIKA DHANRAJ	18	19	17	20	19	18	16	20	16	16
53	SAKSHI RAJENDRA NARKHEDE	12	14	15	20	14	12	8	18	16	16
54	MOHINI DAGADU RANE	14	16	14	20	16	13	18	14	16	16
55	TADAVI TANUJA GULSHER	12	13	17	20	13	11	8	17	15	15
56	KAYASTH VISHAL GANESH	16	14	17	20	14	15	15	18	19	19
57	SALUNKHE VAISHNAVI RAMESH	14	18	17	20	18	10	9	16	17	17
58	ZOPE SUSHANT AJAY	14	19	17	20	19	10	18	20	20	17
59	POOJA KAILAS PATIL	16	17	16	20	17	15	10	18	19	19
60	CHAUDHARI SOHAM PRASAD	16	11	17	20	11	16	12	18	16	16
61	KHARCHE VISHAKHA VIJAY	16	15	18	20	15	16	18	17	18	18
62	KRUSHNA PRASHANT SHARMA	13	14	19	20	14	13	13	20	19	19
63	SABALE DHIRAJ BALU	18	13	15	20	13	18	13	8	19	19
64	PATIL PRATIK ANIL	13	13	17	20	13	9	8	19	19	19



KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y. 2021-22 T.Y B.Tech (Computer Engineering) Sem-V

Roll no	Student Name	Direct Assessment Tools					Direct Assessment Tools				
		ICA (Direct Tool 1)					MSE (Direct Tool 2)				
		BTCOC501	BTCOC502	BTCOC503	BTCOE504	BTCOE505	BTCOC501	BTCOC502	BTCOC503	BTCOE504	BTCOE505
		Systems BTCOC501 Database	Computations BTCOC502 Theory of	Learning BTCOC503 Machine	BTCOE504 Cyber Laws	Communication BTCOE505 Business	Systems BTCOC501 Database	Computations BTCOC502 Theory of	Learning BTCOC503 Machine	BTCOE504 Cyber Laws	Communication BTCOE505 Business
65	JADHAV SUBODH SIDDHARTH	18	18	15	20	18	17	19	13	17	19
66	AISHWARYA GAJANAN PATIL	18	18	11	20	18	18	18	16	17	18
67	SONAWANE NILESH CHHOTU	14	14	16	20	14	14	8	8	18	8
68	KUNAL RANGARAO PATIL	16	12	12	20	12	15	16	10	18	16
69	JOSHI KAUSTUBH SURENDRA	16	14	14	20	14	16	16	8	17	16
70	MARATHE PRITAM RAVINDRA	16	15	16	20	15	6	17	9	17	17
71	NEHTE CHETAN ANIL	18	16	18	20	16	17	19	8	8	19

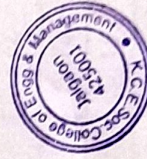
Average of marks	15.9437	16.1831	15.8028	19.817	16.1831	14.33803	16.46479	11.95775	17.59155	16.46479
% attainment of courses	79.7183	80.9155	79.0141	99.085	80.9155	71.69014	82.32394	59.78873	87.95775	82.32394
Average feedback	3.6	4	3.8	3.9	3.7					
% attainment (feedback)	72	80	76	78	74					



K. J. Somaiya Institute of Engineering and Information Technology
 DEPARTMENT OF COMPUTER ENGINEERING

Course Outcome Attainment
 A.Y 2021 -22 S.Y B.TECH (Computer Engineering) Sem-IV

Sr. No	Course Code	Course Name	Expected Level of attainment of all Cos	% attainment using direct tool 1	% attainment using direct tool 2	% Indirect tool	% attainment	Difference between expected attainment and actual attainment	Action Taken
1	BTCOC401	BTCOC401 Design & Analysis of Algorithms	65	71.03	61.62	78	68.66	-3.66	For necessary corrective action and improvement communicated to subject teacher
2	BTCOC402	BTCOC402 Operating Systems	70	69.26	55.74	74	64.80	5.20	
3	BTHM403	BTHM403 Basic Human Rights	65	68.38	57.43	74	65.12	-0.12	
4	BTBSE404	BTBSE404 Probability Theory and Random	75	82.28	61.40	74	72.27	2.73	
5	BTES405 BTES405	BTES405 Digital Logic Design &	70	67.57	61.69	78	67.31	2.69	



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 HOD Computer Dept

DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 S.Y B.TECH (Computer Engineering) Sem-IV

Roll no	Direct Assessment Tools										Direct Assessment Tools				
	ICA (Direct Tool 1)										MSE (Direct Tool 2)				
	BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405	BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405	BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405
Course Code															
Name of Students															
1	13	17	13	15	13	9	9	8	6	16	16	14	14	14	
2	19	18	16	19	18	18	18	10	14	14	14	14	14	14	
3	15	14	12	16	11	8	8	11	8	11	11	11	11	11	
4	11	12	14	17	12	16	16	10	16	11	11	11	11	11	
5	12	15	13	16	16	18	18	17	19	19	19	19	19	19	
6	15	14	14	17	12	17	17	11	18	11	11	11	11	11	
7	12	13	11	16	11	8	5	10	5	3	3	3	3	3	
8	11	10	12	16	12	9	9	10	10	9	9	9	9	9	
9	11	11	12	14	12	9	8	13	11	9	9	9	9	9	
10	16	14	11	15	11	9	8	16	18	16	16	16	16	16	
11	15	12	12	17	12	8	10	15	13	13	13	13	13	13	
12	11	13	12	17	11	8	10	14	9	14	14	14	14	14	
13	19	16	16	19	19	17	15	13	19	18	18	18	18	18	
14	11	12	15	16	11	14	15	14	13	16	16	16	16	16	
15	8	11	10	11	8	9	6	11	7	9	9	9	9	9	



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DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 S.Y B.TECH (Computer Engineering) Sem-IV

Roll no	Course Code	Direct Assessment Tools										Direct Assessment Tools				
		ICA (Direct Tool I)										MSE (Direct Tool 2)				
		BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405	BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405	BTCOC402	BTHM403	BTBS404	BTES405	
Name of Students	& Analysis of Algorithms	Operating Systems	BTHM403 Basic Human Rights	Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors	& Analysis of Algorithms	Operating Systems	BTHM403 Basic Human Rights	Probability Theory and Random Processes	Operating Systems	BTHM403 Basic Human Rights	Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors			
16	BHAVANA SUNIL TONGALE	19	13	14	19	18	13	15	13	15	13	15	17			
17	CHETAN RAJENDRA CHAUDHARI	12	11	14	13	8	12	9	16	9	9	16	12			
18	CHETAN MOHAN PATIL	10	12	14	15	11	12	8	8	8	8	8	9			
19	CHETANA VIHAY SONAWANE	10	13	13	13	11	11	11	13	11	13	8	9			
20	DIPAK RAMESH AHIRE	17	16	15	18	13	13	12	9	12	12	9	16			
21	GHANSHYAM KAILAS PATIL	18	14	14	19	13	18	11	10	11	12	10	18			
22	KOMAL YUVRAJ CHAUDHARI	18	16	15	19	18	15	12	17	12	11	17	15			
23	PATIL MEGHANA UMAKANT	19	15	16	18	18	19	18	15	18	17	15	20			
24	NAMRATA DEELIP KASHIKAR	19	17	18	19	18	19	17	18	17	14	18	20			
25	NITU HIRALAL PATIL	16	13	11	18	12	8	10	11	10	10	11	14			
26	NARKHEDE PALLAVI MOTILAL	19	14	15	19	17	17	12	20	12	12	20	14			
27	PRITI AABA MAHALE	18	16	12	19	18	12	13	14	13	13	14	12			
28	RUALI SAMDHAN SHELAKE	16	14	16	18	13	16	13	16	13	10	16	14			
29	VAISHNAVI SARJERAO PATIL	12	12	11	13	10	4	9	8	9	7	8	5			
30	VAISHNAVI CHANDRAKANT BHOSALE	17	17	15	18	17	15	14	17	14	12	17	16			



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DEPARTMENT OF COMPUTER ENGINEERING
A. Y 2021-22 S.Y B.TECH (Computer Engineering) Sem-IV

Roll no	Course Code	Direct Assessment Tools										Direct Assessment Tools				
		ICA (Direct Tool 1)										MSE (Direct Tool 2)				
		BTCOC401 & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Logic Design & Microprocessors	BTCOC401 & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Microprocessors	BTCOC401 & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Microprocessors
31	VRUSHALI RAVINDRA MAVALE	11	13	12	17	11	8	6	10	7	3					
32	YOGESHWAR PRAVIN CHAUDHARI	14	11	12	15	11	3	10	10	3	8					
33	YUGANDHARA MADHAV BHAGWAT	12	10	14	13	13	13	15	9	18	10					
34	HEMANT PRAMOD KOLHE	12	10	11	17	11	8	11	11	9	9					
35	NILESH NARENDRA PATIL	16	13	12	17	13	11	12	13	12	14					
36	ANKIT VINOD DUBEY	12	11	18	14	11	19	12	13	15	13					
37	VAIBHAV HIRALAL PATIL	11	13	8	14	9	8	11	10	14	10					
38	VISHAKHA PANDHARINATH SALI	15	14	12	18	10	8	10	9	16	8					
39	YASH BALKRUSHNA PHALAK	14	12	11	17	12	8	9	11	12	8					
40	JYOTSNA ARUN MARATHE	13	13	13	17	12	8	11	11	13	12					
41	YASH ANIL SONAR	14	12	11	17	12	8	9	10	13	10					
42	SUYOG KIRAN PATIL	11	14	13	15	11	9	7	9	9	9					
43	KHUSHAL KAILAS PATIL	13	12	12	17	11	8	3	12	10	8					
44	SHAIKH AL AKAF KHALIL	8	12	8	11	9	8	5	10	7	8					
45	CHANDAN SATISH NEHETE	17	16	15	19	16	15	12	16	10	15					




DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 S.Y B.TECH (Computer Engineering) Sem-IV

Roll no	Course Code	Direct Assessment Tools										Direct Assessment Tools				
		ICA (Direct Tool 1)										MSE (Direct Tool 2)				
		BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405	BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405	BTCOC401	BTCOC402	BTHM403	BTBS404	BTES405
	BTCOC401 Design & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors	BTCOC401 Design & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors	BTCOC401 Design & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors	
46	CHINCHORE ASHVINI RAJENDRA	17	17	16	19	17	15	14	14	17	15	14	6	11	12	
47	GAVALI YOGITA BAPURAO	11	11	13	14	12	9	8	8	12	9	8	3	9	6	
48	BHIRUD VAIBHAVI SUDHIR	18	16	16	17	19	18	9	9	19	18	9	10	13	14	
49	TELANG DURGA ANIL	15	14	14	18	16	14	9	9	16	14	9	13	11	13	
50	KOLINIKHIL EKNATH	8	10	9	11	8	2	9	9	8	2	9	9	11	11	
51	MASHKOR ABDUL RAHIM PATEL	17	16	14	17	17	15	10	10	17	15	10	12	12	19	
52	JAGADEV MEGHA RATILAL	13	10	12	14	12	8	2	14	12	8	2	9	14	9	
53	PURI HARSHAL RAJU	13	16	14	16	14	8	11	16	14	8	11	11	10	11	
54	PATIL MUKESH SATISH	15	17	17	18	17	18	15	18	17	18	15	16	13	18	
55	BHOI SHIVANI PURUSHOTTAM	17	16	17	19	16	18	12	19	16	18	12	15	11	13	
56	NATH AVANTIKA MAHENDRA	12	14	15	16	17	14	14	16	17	14	14	13	14	12	
57	PATIL PRATIK ANIL	12	15	12	17	15	8	12	17	15	8	12	12	15	9	
58	YEOLE CHAITALI ANIL	14	17	13	16	14	15	12	16	14	15	12	12	15	12	
59	GIRNARE NANDINI ASHOK	16	13	15	19	18	16	14	19	18	16	14	6	10	12	
60	ROHIT DILIP KOLI	15	12	16	18	11	8	15	18	11	8	15	11	7	9	



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DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 S. Y B.TECH (Computer Engineering) Sem-IV

Roll no	Course Code	Direct Assessment Tools										Direct Assessment Tools				
		ICA (Direct Tool 1)					MSE (Direct Tool 2)					MSE (Direct Tool 2)				
		BTCOC401 & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors	BTCOC401 & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors	BTCOC401 & Analysis of Algorithms	BTCOC402 Operating Systems	BTHM403 Basic Human Rights	BTBS404 Probability Theory and Random Processes	BTES405 Digital Logic Design & Microprocessors
61	RANE VAISHNAVI GAJANAN	16	17	17	19	17	17	17	19	17	17	18	17	17	17	16
62	LOHAR SIDDHESH MANOJ	11	16	17	13	12	12	12	13	12	17	9	12	9	14	14
63	MAHAJAN PRA THAM ARVIND	14	15	16	15	12	12	12	15	12	18	14	13	10	15	15
64	SURYAWANSHI LAXMI DEVANAND	18	18	17	18	18	18	17	18	18	20	18	12	14	18	18
65	WAGHODE ARPITA RAJENDRA	19	18	17	19	19	19	17	19	19	19	17	15	13	19	19
66	TAYADE DIPALI SANJAY	15	17	17	18	15	15	17	18	15	19	15	12	13	11	11
67	KALE HARSHADA YOGESH	15	15	15	16	12	12	15	16	12	8	12	14	11	10	10
68	PATIL DHANSHRI CHANDRASING	13	11	13	15	15	15	13	15	15	11	13	8	16	11	11

Average of marks	14.2059	13.8529	13.6765	16.45588	13.514706	12.3235	11.1471	11.48529	12.279412	12.33825529
% attainment of courses	71.0294	69.2647	68.3824	82.27941	67.573529	61.6176	55.7353	57.42647	61.397039	61.69117647
Average feedback	3.9	3.7	3.7	3.7	3.9					
% attainment (feedback)	78	74	74	74	78					



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K. J. Somaiya Institute of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

Course Outcome Attainment

A. Y. 2021-22 - S.Y B.TECH (Computer Engineering) Sem-III

Sr. No	Course Code	Course Name	Expected Level of attainment of all Cos	% attainment using direct tool 1	% attainment using direct tool 2	% Indirect tool	% attainment	Difference between expected attainment and actual attainment	Action Taken
1	BTBSC301	BTBSC301 Engineering Mathematics – III	80	71.13	57.97	74.00	66.44	13.56	
2	BTCOC302	BTCOC302 Discrete Mathematics	70	79.44	60.06	78.00	71.40	-1.40	
3	BTCOC303	BTCOC303 Data Structures	80	85.99	71.94	76.00	78.37	1.63	For necessary corrective action and improvement communicated to subject teacher
4	BTCOC304	BTCOC304 Computer Architecture & Organization	80	85.92	69.86	80.00	78.31	1.69	
5	BTCOC305	BTCOC305A Object - oriented Programming in C++	70	67.10	69.07	76.00	69.67	0.33	



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HOD Computer Dept

DEPARTMENT OF COMPUTER ENGINEERING
A. Y 2021-22 S. Y B. TECH(Computer Engineering) Sem-III

Roll no	Name of Students	Direct Assessment Tools						Direct Assessment Tools							
		ICA (Direct Tool 1)						MSE (Direct Tool 2)							
		BTBSC301 Engineering - III Mathematics	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object oriented Programming in	BTBSC301 Engineering - III Mathematics	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object oriented Programming in	BTBSC301 Engineering - III Mathematics	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization
1	AMOL GAJANAN PAWAR	13	15	17	16	16	16	16	16	16	12	14	16	10	16
2	DIPAK VINOD MAHALE	13	13	16	14	14	14	14	14	14	8	14	16	13	17
3	GAYATRI PRAKASH CHAUDHARI	15	18	17	19	19	19	19	19	19	9	16	19	20	16
4	GUNWANT BHARAT JANGALE	12	17	17	17	16	16	16	16	17	17	13	14	12	14
5	BHANGALE KUNAL RAMKRUSHNA	15	17	18	17	16	16	16	16	16	12	11	18	18	17
6	MAYURESH RAJESH SURYAVANSHI	16	15	17	16	16	16	16	16	16	8	17	20	15	16
7	MUKULSINGH JETHUSINGH RAJPUROHIT	13	17	17	18	17	17	17	17	17	13	11	20	20	15
8	NILIMA SANJAY PATIL	13	15	16	17	16	16	16	16	16	9	16	19	19	17
9	PANKAJ DINESH SURADKAR	13	15	16	16	15	15	15	15	15	11	10	16	10	18
10	PUSHKAR SANJAY SHIRODE	15	15	16	17	17	17	17	17	14	14	12	20	17	15
11	PATLE ROSHAN ISHWAR	14	14	16	14	14	14	14	14	14	11	14	19	20	18
12	SAMRAT SUNIL PATIL	15	15	18	15	15	15	15	15	15	17	11	20	16	18
13	TEJAS RAJENDRA NIKUMBH	14	17	17	18	18	18	18	18	18	12	16	19	18	19
14	ADITYA SHRIRAM MAHAJAN	12	18	18	16	16	16	16	16	18	15	9	14	11	17
15	AISHWARYA MAHENDRA PANGALE	14	19	17	18	18	18	18	18	19	20	18	17	18	20
16	APURVA RAJESH WANI	15	15	16	15	15	15	15	15	15	20	18	16	18	16



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DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 S.Y B. TECH(Computer Engineering) Sem-III

Roll no	Name of Students	Direct Assessment Tools						Direct Assessment Tools					
		ICA (Direct Tool 1)						MSE (Direct Tool 2)					
		BTBSC301	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object-oriented Programming in C++	BTBSC301	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object-oriented Programming in C++		
17	ATHARVA DEEPAK BAHADANE	13	13	16	13	15	10	10	13	14	16		
18	BHAVANA SUNIL TONGALE	15	19	17	18	19	16	18	20	20	20		
19	CHETAN RAJENDRA CHAUDHARI	14	17	19	18	18	8	14	19	16	16		
20	CHETAN MOHAN PATIL	14	16	18	17	15	8	8	13	11	17		
21	CHETANA VIHAY SONAWANE	14	18	17	18	19	9	16	16	9	17		
22	DIPAK RAMESH AHIRE	14	17	18	18	16	8	14	19	18	17		
23	GHANSHYAM KAILAS PATIL	14	17	18	19	17	8	15	20	20	17		
24	KOMAL YUVRAJ CHAUDHARI	13	19	18	18	18	8	13	16	20	15		
25	PATIL MEGHANA UMAKANT	13	19	18	19	19	12	18	19	20	20		
26	NAMRATA DEELIP KASHIKAR	12	19	18	19	19	16	19	20	20	20		
27	NITU HIRALAL PATIL	15	18	16	18	17	17	16	17	20	19		
28	NARKHEDE PALLAVI MOTILAL	15	19	17	18	19	12	18	17	18	20		
29	PRITI AABA MAHALE	14	19	18	19	19	20	13	20	20	17		
30	RUALI SAMDHAN SHELAKE	14	19	18	17	18	13	16	16	14	16		
31	VAISHNAVI SARJERAO PATIL	14	15	18	19	13	20	10	17	16	16		
32	VAISHNAVI CHANDRAKANT BHOSALE	15	18	18	18	18	8	19	20	20	18		



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Software Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 S.Y B. TECH(Computer Engineering) Sem-III

Course Code	Direct Assessment Tools									
	ICA (Direct Tool 1)					MSE (Direct Tool 2)				
	BTBSC301	BTCOC302	BTCOC303	BTCOC304	BTCOC305	BTBSC301	BTCOC302	BTCOC303	BTCOC304	BTCOC305
	Engineering - III BTBSC301	Mathematics BTCOC302 Discrete	Structures BTCOC303 Data	Computer Architecture & BTCOC304	Object oriented Programming in BTCOC305	Engineering - III BTBSC301	Mathematics BTCOC302 Discrete	Structures BTCOC303 Data	Computer Architecture & BTCOC304	Object oriented Programming in BTCOC305
VRUSHALI RAVINDRA MAVALE	16	14	18	17	14	16	14	11	18	15
YOGESHWAR PRAVIN CHAUDHARI	14	17	18	17	18	8	13	19	17	17
YUGANDHARA MADHAV BHAGWAT	14	16	18	16	16	13	11	15	14	16
HEMANT PRAMOD KOLHE	14	17	16	16	16	12	13	20	20	18
NILESH NARENDRA PATIL	14	18	18	18	18	9	15	15	19	17
ANKIT VINOD DUBEY	14	15	18	17	16	8	10	10	8	11
VAIBHAV HIRALAL PATIL	14	14	14	14	15	17	14	18	20	15
VISHAKHA PANDHARINATH SALI	12	14	18	16	15	11	8	16	18	18
YASH BALKRUSHNA PHALAK	14	16	17	18	16	8	16	18	20	18
JYOTSNA ARUN MARATHE	14	17	18	17	18	8	16	19	16	16
YASH ANIL SONAR	13	15	16	18	12	10	15	15	19	8
SUYOG KIRAN PATIL	13	13	16	17	13	11	12	16	18	10
KHUSHAL KAILAS PATIL	14	18	18	17	17	8	15	20	20	18
SHAIKH AL AKAF KHALIL	17	10	13	8	13	17	8	13	15	12
SAGAR PRASHANT KAPURE	13	16	16	13	15	8	15	18	19	17
CHANDAN SATISH NEHETE	13	14	18	19	17	8	16	19	18	19



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Roll no	Course Code	Direct Assessment Tools						Direct Assessment Tools								
		ICA (Direct Tool 1)			MSE (Direct Tool 2)			ICA (Direct Tool 1)			MSE (Direct Tool 2)					
		BTBSC301 Engineering Mathematics - III	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object-oriented Programming in C++	BTBSC301 Engineering Mathematics - III	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object-oriented Programming in C++	BTBSC301 Engineering Mathematics - III	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object-oriented Programming in C++
49	CHINCHORE ASHVINI RAJENDRA	15	15	17	17	19	17	17	19	19	20	17	18	18	19	19
50	GAVALI YOGITA BAPURAO	15	16	19	19	18	19	19	18	18	20	15	20	18	20	20
51	BHIRUD VAIBHAVI SUDHIR	15	15	18	19	19	19	19	19	19	20	16	20	20	19	19
52	TELANG DURGA ANIL	15	16	17	18	18	18	18	18	18	20	18	20	20	19	19
53	KOLI NIKHIL EKNATH	15	12	15	14	14	14	14	14	20	14	14	18	17	16	16
54	MASHKOR ABDUL RAHIM PATEL	15	17	18	18	16	18	18	16	20	18	18	20	20	19	19
55	JAGADEV MEGHA RATILAL	15	14	17	18	17	18	17	17	20	17	17	18	13	17	17
56	PURI HARSHAL RAJU	14	14	17	18	18	18	18	18	20	20	20	20	19	19	19
57	PATIL MUKESH SATISH	15	17	17	18	19	19	19	19	20	16	16	20	20	19	19
58	BHOI SHIVANI PURUSHOTTAM	15	16	19	19	18	19	19	18	20	16	16	20	20	19	19
59	NATH AVANTIKA MAHENDRA	15	13	16	18	17	18	17	17	18	17	17	19	16	19	19
60	PATIL PRAKASH ANIL	14	14	18	19	17	19	17	17	20	20	20	20	19	19	19
61	YEOLE CHAITALI ANIL	15	14	16	18	18	18	18	18	20	20	20	19	16	19	19
62	GIRNARE NANDINI ASHOK	15	17	17	18	18	18	18	18	20	18	18	20	20	19	19
63	ROHIT DILIP KOLI	15	15	17	15	17	15	17	17	20	17	17	19	18	18	18
64	RANE VAISHNAVI GAJANAN	15	18	19	19	19	19	19	19	20	18	18	20	20	19	19



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K. J. Somaiya Institute of Engineering and Management, Jalgaon

DEPARTMENT OF COMPUTER ENGINEERING

A. Y 2021-22 S.Y B. TECH(Computer Engineering) Sem-III

Roll no	Course Code	Direct Assessment Tools						Direct Assessment Tools						
		ICA (Direct Tool 1)			MSE (Direct Tool 2)			ICA (Direct Tool 1)			MSE (Direct Tool 2)			
		BTBSC301	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object-oriented Programming in C++	BTBSC301	BTCOC302 Discrete Mathematics	BTCOC303 Data Structures	BTCOC304 Computer Architecture & Organization	BTCOC305 Object-oriented Programming in C++			
65	LOHAR SIDDHESH MANOJ	14	12	17	18	15	20	20	20	18	19	19	18	19
66	MAHAJAN PRATHAM ARVIND	15	14	18	18	17	20	18	20	20	18	18	20	18
67	SURYA WANSHI LAXMI DEVANAND	15	16	18	19	19	20	20	20	20	20	20	20	19
68	WAGHODE ARPITA RAJENDRA	15	18	18	19	19	20	18	20	20	20	20	20	19
69	TAYADE DIPALI SANJAY	15	15	18	18	18	18	17	20	20	20	20	20	19
70	KALE HARSHADA YOGESH	15	15	18	18	18	20	14	20	20	20	20	20	19
71	PATIL DHANSHRI CHANDRASING	15	14	16	18	17	20	14	19	18	19	18	18	19

Average of marks	14.22535	15.89	17.19718	17.1831	16.77465	14.49296	15.01408	17.98592	17.46479	17.267606
% attainment of courses	71.12676	79.44	85.98592	85.91549	67.09859	57.97183	60.05634	71.94366	69.85915	69.070423
Average feedback	3.7	3.9	3.8	4	3.8					
% attainment (feedback)	74	78	76	80	76					



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KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF SCIENCES AND HUMANITIES

A. Y 2021-22 F.Y. B.Tech (Computer Engineering) Sem-II

Sr. No	Course Code	Course Name	Expected Level of attainment of all Cos	% attainment using direct tool 1	% attainment using direct tool 2	% Indirect tool	% attainment	Difference between expected attainment and actual attainment	Proposed action
1	BTBS102	Engineering Mathematics- II	70	66.75	71.85	70.60	70.07	-0.07	
2	BTHM204	Communication Skills	70	61.43	67.58	68.80	65.98	4.02	
3	BTBS101	Engineering Physics	70	78.49	64.27	64.20	68.52	1.48	
4	BTES205E	Energy and Environment Engineering	70	75.48	75.32	67.20	73.74	-3.74	



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KCES's College of Engineering and Management, Jalgaon

DEPARTMENT OF SCIENCES AND HUMANITIES

F.Y B.Tech (Computer Engineering) Sem-I

Sr. No	Course Code	Course Name	Expected Level of attainment of all Cos	% attainment using direct tool 1	% attainment using direct tool 2	% Indirect tool	% attainment	Difference between expected attainment and actual attainment	Proposed action
1	BTBS102	Engineering Chemistry	70	84.37	71.98	71.8	75.66	-5.66	
2	BTES104	Computer Programming in C	70	74.52	81.75	72.2	77.67	-7.67	
3	BTBS101	Engineering Maths-I	70	81.98	65.16	69.6	71.09	-1.09	
4	BTES103	Engineering Mechanics	70	72.46	61.67	69.6	66.49	3.51	



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