S D M College of Engineering & Technology, Dharwad

NOTICE

1-1-2022

All the lateral entry students who have taken admission to III semester for the academic year 2021-22 are informed to note the following.

1. The classes are already commenced from 27.12.2021
2. Attend classes regularly along with III semester students till the last working day i.e. 1.2.2022 as per the existing academic calendar.
3. Continue attending the classes from 2.2.2022 to 5.3.2022 as per the revised academic calendar shown below. A special time table for this period will be notified in the last week of Jan 2022.
4. Attend Kannada classes (all branch students) on every Friday from 2.30 pm to 4.30 pm in Room No.18
5. Appear for IA-III along with regular students as per the schedule.
6. One extra IA will be conducted from 3.3.2022 to 5.3.2022.
7. Appear for Semester End Examination (SEE) commencing from 9.3.2022.

Academic Calendar:

SDM College of Engineering & Technology, Dharwad
Odd Semester2021-22
Academic Calendar for Lateral Entry students III sem

Sl. No.	Particulars	Date
1	Registration	20-12-2021 to 08-01-2022
2	Commencement of Teaching	27-12-2021
3	Internal Assessment –IA– III	29-01-2022 to 01-02-2022
	Internal Assessment –IA– Extra	03-03-2022 to 05-03-2022
4	Last day of teaching for Odd Semester	05-03-2022
5	Final Lab Assessments	06-03-2022 and 07-03-2022
6	Makeup SEE	09-03-2022 to 12-03-2022
	Commencement of Even Semester :	14-03-2022

Principal

Copy to: Office of the Principal
Main NB, all HoDs
CoE & MIS office

SDM College of Engineering and Technology,Dharwad-580002

Department of Mathematics

Details of Classes (Bridge course) for Lateral entry students are as follows

Subject: Engineering Mathematics(Diploma)

Subject Code: 18UDIP300

Time: 5 P.M to 7 P.M

Division A (Civil,Chemical,E&C,E&E,I.Sc.,C.Sc.,)	Division B (Mechanical)
Faculty-in-charge Monday: Prof.Preeti .B.Jinagouda Tuesday: Prof. Shrikanth	Faculty-in-charge Monday: Dr.Basavaraj Hoogar Tuesday: Prof.P.S.Badiger
Classroom: No. 5	Classroom: No. 6

HOD, Mathematics

SDM College of Engineering and Technology,Dharwad-580002

Department of Mathematics

Details of Internal Assessment for Lateral entry students are as follows

Subject: Engineering Mathematics (Diploma)

Subject Code: 18UDIP300

Internal Assessment (I.A)	Portion	Date of I.A	Time of I.A	Room No.
I	Unit-II & Unit-I	8-2-2022	5 PM to 6PM	5 & 6
II	Unit-III & Unit-IV	22-2-2022	5 PM to 6PM	5 & 6

Assignment date of submission: 24-2-2022

Dr. Basavaraj - I.A –I Question paper

Prof. Preeti B.J - I.A –II Question paper

Assignment in-charge - Prof.P.S.Badiger

Prof.Shreekant K

Finalization of CIE 28-2-2022

HOD, Mathematics

SDM College of Engineering & Technology, Dharwad

Department of Mathematics

Assignment-1 (Bridge Course)

2021-22

Semester: III **Engineering Mathematics(Diploma)** **Subject Code: 18UDIP300**

1. Find the n^{th} derivative of the following
   i) $\sin(ax+b)$ ii) $\cos(ax+b)$
2. Find the angle between the radius vector and the tangent to the curve $r\cos^2(\theta/2)=a$ and also find the slope of the tangent at $\theta=\frac{2\pi}{3}$.
3. Find the angle of intersection of two polar curves $r=a(1+\sin\theta)$ & $r=a(1-\cos\theta)$.
4. Find the pedal equation of the cardioids $r=a(1+\cos\theta)$.
5. Find the radius of curvature at the point $\left(\frac{3a}{2},\frac{3a}{2}\right)$ of the Folium $x^3+y^3=3axy$.
6. Expand $\sin x$ in powers of $\left(x-\frac{\pi}{2}\right)$ up to fourth degree terms.
7. Expand $e^{\sin x}$ as Maclaurin's series up to the terms containing x^4.
8. Evaluate $\lim_{x\to\frac{\pi}{2}}(2x\tan x-\pi\sec x)$.
9. If $u=e^{ax+by}$, then prove that $b\frac{\partial u}{\partial x}+a\frac{\partial u}{\partial y}=2abu$.
10. Find the extreme values of $f(x,y)=x^3y^2(1-x-y)$.

SDM College of Engineering & Technology, Dharwad

Department of Mathematics

Assignment-2 (Bridge Course)

2021-22

Semester: III **Engineering Mathematics(Diploma)** **Subject Code: 18UDIP300**

11. Evaluate $\int_0^{\pi/2} \sin^4 x \cos^5 x dx$.

12. Prove that $\beta(m,n) = \frac{\tau(m)\tau(n)}{\tau(m+n)}$

13. Evaluate $\int_0^3 \int_0^1 (x^2 + 3y^2) dy dx$.

14. Evaluate $\int_R \int xy dx dy$ over the positive quadrant of the circle $x^2 + y^2 = a^2$.

15. Evaluate $\int_0^1 \int_0^1 \int_0^1 e^{x+y+z} dx dy dz$.

16. Solve $\frac{d^3y}{dt^3} - 2\frac{d^2y}{dt^2} + 4\frac{dy}{dt} - 8y = 0$.

17. Solve $\frac{d^3y}{dx^3} + 4\frac{dy}{dx} = \sin 2x$.

18. Solve $\frac{d^2y}{dx^2} + 4\frac{dy}{dx} - 12y = e^{2x} + x^2 - 3\sin 2x$.

19. Solve by method of variation of parameters $y'' - 2y' + y = e^x \log x$.

20. Solve $(x+1)^2 y'' + (x+1)y' + y = 4\cos(\log(1+x))$.

S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD-02

DEPARTMENT OF MATHEMATICS

Internal Assessment-I

Class: III Semester [*All Branches*].
Course Title: *Engineering Mathematics (Diploma)*
Course Code: 18UDIP300
Course Instructor PSB, PBJ, BH & SK.

Date: 08-02-2022.
Time: 5.00PM - 6.00 PM.
Max. Marks: 20.

Note: (i) Attempt either Q.No.1 or Q. No.2.
(ii) Q.No.3 is compulsory.

Q.No.1) (a) Find the n^{th} derivative of $\sin(ax+b)$

5 Marks.

(b) If $u = x^3 - 3xy^2 + x + e^x \cos y + 1$ then show that $\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = 0.$

5 Marks.

OR

Q.No.2) (a) Using Leibnitz theorem, find the n^{th} derivative of $y = x^3 4^x.$

5 Marks.

(b) Show that $z(x,y) = x^3 + y^3 - 3xy + 1$ is minimum at $(1,1)$.

5 Marks.

Q.No.3) (a) Obtain the Taylor's series expansion of $\sin x$ about the point $x = \frac{\pi}{2}$ up to the terms containing fourth degree.

5 Marks.

IQAC

(b) If $x = r\cos\theta, y = r\sin\theta, z = z,$ then prove that $\frac{\partial(x,y,z)}{\partial(r,\theta,z)} = r.$

5Marks.

1) Prof. P. S. Badiger PSB
2) Prof. Preeti. B. Jinagouda 8/2/22
3) Prof. Basavaraj. H
4) Prof. Shreekant. K
5) Dr. Jenifer. K

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S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD-02

DEPARTMENT OF MATHEMATICS

Internal Assessment-I

Solutions and Scheme

Class: III Semester [All Branches].
Course Title: Engineering Mathematics (Diploma)
Course Code: 18UDIP300
Course Instructor PSB, PBJ, BH & SK.

Date: 08-02-2022.
Time: 5.00PM - 6.00 PM.
Max. Marks: 20.

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1 a Let $y = \sin(ax+b)$

$y_1 = a\cos(ax+b) = a\sin\left(\frac{\pi}{2}+ax+b\right)$ → 2 Marks

$y_2 = a^2\sin\left(2\frac{\pi}{2}+ax+b\right)$

$y_3 = a^3\sin\left(3\frac{\pi}{2}+ax+b\right)$ → 2 Marks

$\therefore y_n = a^n \sin\left(n\frac{\pi}{2}+ax+b\right)$ → 1 Mark

1 b Let $u = x^3 - 3xy^2 + x + e^x\cos y + 1$ ——— (1)

$\Rightarrow \frac{\partial u}{\partial x} = 3x^2 - 3y^2 + 1 + e^x\cos y$; $\frac{\partial u}{\partial y} = -6xy - e^x\sin y$ → 2 Marks

$\Rightarrow \frac{\partial^2 u}{\partial x^2} = 6x + e^x\cos y$ —— (2) ; $\frac{\partial^2 u}{\partial y^2} = -6x - e^x\cos y$ —— (3) → 2 Marks

(2)+(3) = 0 Hence $\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = 0$ → 1 Mark

2 a Let $y = x^3 4^x$

Take $u = x^3$, $v = 4^x$ → 1 Mark

WKT, by Leibnitz theorem, then $D^n(x^3 4^x) =$

$D^n(uv) = uv_n + {}^nC_1 u_1 v_{n-1} + {}^nC_2 u_2 v_{n-2} + \cdots + u_n v$ → 1 Mark

$D^n(x^3 4^x) = x^3 \cdot 4^x (\log 4)^n + n \cdot 3x^2 (\log 4)^{n-1} \cdot 4^x + \frac{n(n-1)}{2} \cdot 6x (\log 4)^{n-2} \cdot 4^x + \frac{n(n-1)(n-2)}{6} \cdot 6 (\log 4)^{n-3} 4^x$ → 3 Marks

2 b Let $z(x,y) = x^3 + y^3 - 3xy + 1$

$z_x = 3x^2 - 3y$; $z_y = 3y^2 - 3x$

$z_{xx} = 6x$; $z_{yy} = 6y$

$z_{xy} = -3$ → 2 Marks

Equating $z_x = 0 = z_y$

$3(x^2 - y) = 0$ & $3(y^2 - x) = 0$ → 1 Ma

solving we get point as (1,1)

$f_{xx} \cdot f_{yy} - f_{xy}^2 = (6x)(6y) - (-3)^2 = 27 > 0$

& $f_{xx} = 6x > 0$

Hence $z(x,y)$ is minimum at (1,1). → 2

3 a Let $y = \sin x$

Here $a = \pi/2$

By Taylor's series Expansion, we have

$y(x) = y(a) + (x-a)y_1(a) + \frac{(x-a)^2}{2!}y_2(a) + \frac{(x-a)^3}{3!}y_3(a) + \frac{(x-a)^4}{4!}y_4(a) + \cdots$ → 1 Marks

$y = \sin x$ & $a = \pi/2 \Rightarrow y(\pi/2) = 1$

$y_1 = \cos x \Rightarrow$

$y_2 = -\sin x \Rightarrow$

$y_3 = -\cos x \Rightarrow$ at $x = \pi/2$

$y_4 = \sin x \Rightarrow$

$y_1 = 0$, $y_2 = -1$, $y_3 = 0$, $y_4 = 1$ → 2 Marks

Hence $\sin x = 1 - \frac{(x-\pi/2)}{2!} + \frac{(x-\pi/2)^4}{4!} - \cdots$ → 2 Marks

3 b Let $x = r\cos\theta$, $y = r\sin\theta$, $z = z$

$$\frac{\partial(x,y,z)}{\partial(r,\theta,z)} = \begin{vmatrix} \frac{\partial x}{\partial r} & \frac{\partial x}{\partial \theta} & \frac{\partial x}{\partial z} \\ \frac{\partial y}{\partial r} & \frac{\partial y}{\partial \theta} & \frac{\partial y}{\partial z} \\ \frac{\partial z}{\partial r} & \frac{\partial z}{\partial \theta} & \frac{\partial z}{\partial z} \end{vmatrix} = \begin{vmatrix} \cos\theta & -r\sin\theta & 0 \\ \sin\theta & r\cos\theta & 0 \\ 0 & 0 & 1 \end{vmatrix} = r\cos^2\theta + r\sin^2\theta = r$$

→ 2 Marks → 1 Mark

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S.D.M. COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD-02

DEPARTMENT OF MATHEMATICS

Internal Assessment-II

Class: III Semester [*All Branches*], Date: 22-02-2022.
Course Title: *Engineering Mathematics(Diploma)* **Time: 5.00PM - 6.00 PM.**
Course Code: 18UDIP300 **Max. Marks: 20.**
Course Instructor: PSB, PBJ, BH& SK.

Note: (i) Attempt either Q.No.1 or Q. No.2.
(ii) Q.No.3 is compulsory.

$x = 2\sin\theta$ $\quad 16\int_0^{\pi/2} \cos^4\theta\, d\theta$

Q.No.1) (a) Evaluate $\int_0^2 (4-x^2)^{\frac{3}{2}}\, dx$ $\quad 3\pi$ **5 Marks**

(b) Solve $\frac{d^3y}{dx^3} - 2\frac{d^2y}{dx^2} + 4\frac{dy}{dx} - 8y = 0$ **5Marks**

$m^3 - 2m^2 + 4m - 8 = 0$
$m^2(m-2) + 4(m-2) = 0$
$m = 2, \pm 2i$

$m = 2$, $m = \pm 2i$

OR

Q.No.2) (a) Evaluate $\iint_R xydxdy$ over the positive quadrant of the circle $x^2 + y^2 = a^2$ $\quad a^4/8$ **5 Marks**

$y \to (0, a)$
$x \to (0, \sqrt{a^2 - y^2})$

(b) Solve $y'' + 9y = \cos 2x \cos x$ **5 Marks**

Q.No.3) (a) Evaluate $\int_0^a \int_0^x \int_0^{x+y} e^{x+y+z}\, dzdydx$ **5 Marks**

(b) Solve $\frac{d^3y}{dx^3} + 2\frac{d^2y}{dx^2} - \frac{dy}{dx} - 2y = 0$ **5 Marks**

$m^3 + 2m^2 - m - 2 = 0$
$m^2(m+2) - (m+2) = 0$
$m = -2, \pm 1$

$m = 2, \pm 1$

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A Division. 2021-22

Defence:

STUDENTS' COURSE RECORDS: Continuous Internal Evaluation

Sl No	USN	NAME	Continuous Internal Evaluation (CIE)							
			IA-I (20)	IA-II (20)	IA-III (20)	CTA (10)		CIE (50)	GRADE	SIGN
1	21DP2072	RAHUL MUJAGONDA.	10	08	10			28		
2	21DP2068	NOOR DODDAMANI.	16	AB	10			26		
3	21DP2066	MAHMADBHASHA HASANAP.	13	00	10			23		
4	21DP2075	PAVITRA JOSHI.	12	02	10			24		
5	21DP2087	SHASHIKANT D JITURI.	11	00	10			21		
6	21DP2070	RASHUL SHET.	11	05	10			26		
7	21DP2064	BIBISANA.	08	17	10			35		
8	21DP2063	HAREESHA DEVARU GOUDA.	11	01	10			22		
9	21DP2123	MADHU ABAKALE.	12	14	10			36		
10	21DP2124	VAIBHAVI J PATIL.	14	05	10			29		
11	21DP2127	SAMIYA SHAIKHSANDI.	09	12	10			31		
12	21DP2134	KARRA RAHUL.	06	06	10			22		
13	21DP2053	SINDHU N DIVATE.	08	12	10			30		
14	21DP2052	SOURAV RAMESH PHATKE.	09	14	10			33		
15	21DP2048	BHARATH VASTRAD.	11	08	10			29		
16	21DP0035	AKASH ANIL GARAG.	11	10	10			31		
17	21DP2094	AKASH.	16	AB	10			26		
18	21DP2093	PAVITRA.	15	13	10			38		
19	21DP2076	AVINASH.	20	AB	10			30		
20	21DP2071	PRATIKSHA G NAIK.	15	12	10			37		
21	21DP2135	RAGHAVENDRA REDDY M D.	10	14	10			34		
22	21DP2074	M NAVEEN KUMAR.	09	11	10			30		
23	21DP0003	JAHNAVI A GORAVANAKOLL.	00	10	10			20		
24	21DP2054	VEERESHA PALLED.	08	14	10			32		
25	21DP2055	MASTERAMANKUMAR.	04	06	10			20		
26	21DP2038	KARTIK GUDARAD.	05	10	10			25		
27	21DP2049	NIHAL NAIKWADI.	05	13	10			28		

IA – Internal Assessment
CTA – Course Teacher Assessment
CIE – Continuous Internal Evaluation

STUDENTS' COURSE RECORDS: Continuous Internal Evaluation

Sl No	USN	NAME	Continuous Internal Evaluation (CIE)							
			IA–I (20)	IA–II (20)	IA–III (20)	CTA (10)		CIE (50)	GRADE	SIGN
28	21DP2050	MAHAMMAD JAMEEL KHAJ.	06	14	10			30		
29	21DP2051	ALLAHBAKSH M BAGALKOT.	10	14	10			34		
30	21DP0034	MOHAMMED PARDEWALE.	05	09	10			24		
31	21DP2067	POOJA YADIYAPUR.	07	18	10			35		
32	21DP2095	VIJAY EKABOTE.	13	17	10			40		
33	21DP0036	NITISH N NAGARALLI.	07	08	10			25		
34	21DP2136	NANDITA YALLAPPA HAVERI.	08	12	10			30		
35	21DP0017	SOUMYA S CHANNAPATTANA.	00	12	10			22		
36	21DP0018	SHAMBHAVI MENASINAKAI.	AB	13	10			23		
37	21DP0026	KIRTHI MENASINKAI.	12	13	10			35		
38	21DP2065	SOUMYA RATNAKAR SHETTY.	10	14	10			34		
39	21DP2107	NAVEEN H KOTI.	06	10	10			26		
40	21DP2077	RAKSHITHA S BANNA .	11	11	10			32		
41	21DP2073	KAVYA N BURUD .	16	17	10			43		
42	21DP2084	JUNAID MUCHALE.	13	12	10			35		
43	21DP0027	PRATHAM NADKARNI.	14	09	10			33		
44	21DP2131	ROHAN NAMADEV ARI.	10	07	10			27		
45	21DP2132	AKSHATA NARTI.	11	09	10			30		
46	21DP2115	SWAROOP M.	10	07	10			27		
47	21DP2114	SINCHANA M .	06	05	10			21		
48	21DP2117	BASAVARAJ V LAKKUNDI.	07	09	10			26		
49	21DP2116	SNEHA V LAKKUNDI.	13	13	10			36		
50	21DP2113	VISHAL A SOPPANNAVAR.	06	13	10			29		
51	21DP2112	VIJAY MAHADEV PATIL.	02	13	10			25		
52	21DP2110	ANUP ASHWATH SARWADE.	10	09	10			29		
53	21DP2108	KANTESH KAMATAR.	15	15	10			40		
54	21DP2102	SHIVAKUMAR K.	06	05	10			21		

IA – Internal Assessment
CTA – Course Teacher Assessment
CIE – Continuous Internal Evaluation

STUDENTS' COURSE RECORDS: Continuous Internal Evaluation

Sl No	USN	NAME	Continuous Internal Evaluation (CIE)							
			IA–I (20)	IA–II (20)	IA–III (20)	CTA (10)		CIE (50)	GRADE	SIG
55	21DP2109	MANJUKUMAR R KARJINNI.	02	13	10			25		
56	21DP2111	VISHWANATH HARUGOPPA.	10	10	10			30		
57	21DP0025	KARTHIK M.	08	03	10			21		
58	21DP2100	MOHAMMED ARIF MULLA.	15	13	10			38		
59	21DP2103	RAKESH SOMASHEKHAR CHOLIN.	20	07	10			37		
60	21DP2104	KALLANAGOUDA PAT.	16	10	10			36		
61	21DP2101	DARSHANKUMAR DURGEKAR.	17	19	10			46		
62	21DP2129	ANIRUDH .	13	06	10			29		
63	21DP2133	SHIVARAM U.	11	04	10			25		
64	21DP2060	HARSHIT ANNAYYA BHAT .	09	05	10			24		
65	21DP2082	SAYEDA QUADRI.	14	02	10			26		
66	21DP2069	PRIYA M ARAKERI.	05	11	10			26		
67	21DP2083	NIKHITA BATTUR .	05	14	10			29		
68	21DP2080	KAVYA HANAMASAGAR.	03	10	10			23		
69	21DP2130	MANJULA SUNAGAD .	09	14	10			33		
70	21DP2079	VARSHINI HANDRAL.	17	13	10			40		
71	21DP2078	PRUTHVI Y KARASANNAVAR.	11	05	10			26		
72	21DP2081	ASHWINI MADIWALAPPA KALI.	04	08	10			20		
73	21DP2125	VISHAL ANANT NAGMULE.	14	05	10			29		
74	21DP2126	NETRAVATI FAKKIRAPPA JOGIN.	11	05	10			26		
75	21DP2128	SURAJ BHAJANTRI.	09	10	10			29		
76										
77										
78										
79										
80										

IA – Internal Assessment
CTA – Course Teacher Assessment
CIE – Continuous Internal Evaluation

2021-22 B-Division [Diploma]

[A&B Mechanical Engineering Students].

STUDENTS' COURSE RECORDS: Continuous Internal Evaluation

Marks-List.

Sl No	USN	NAME	Continuous Internal Evaluation (CIE)							
			IA-I (20)	IA-II (20)	IA-III (20)	CTA (10)		CIE (50)	GRADE	SIGN
1 134		VIJAY VEMAN SHALAVADI.	~~19~~ 13	AB	—	4	5	~~27~~ 22		
2 135		HEMANTKUMAR GONDKAR.	18	AB	—	4	5	27		
3 136		SUMANT MUNDAGOD.	12	AB	—	4	5	21		
4 137		AJAY PAUL S HALLI.	19	AB	—	5	5	29		
5 138		SHIVANAND MULIMANI.	16	AB	—	5	4	25		
6 139		SOHAN SHETTEMMANAVAR.	13	AB	—	5	4	22		
7 140		KIRAN ULLAGADDI.	19	AB	—	5	5	29		
8 141		LALITKUMAR B TATUSKAR.	18	AB	—	4	5	27		
9 142		ADITYA VIJAY LAKKUNDI.	15	AB	—	4	5	24		
10 143		SAGAR S AYATTI.	18	AB	—	4	5	27		
11 144		PRATEEK NEELGUND.	16	AB	—	4	5	25		
12 145		SANTOSH VIJAY KHATAVKAR.	18	AB	—	4	5	27		
13 146		RONALDO WALTER KARNAL.	20	AB	—	5	5	30		
14 147		VISHAL PATIL.	15	AB	—	4	5	24		
15 148		RAKESH V WALI.	17	AB	—	4	5	26		
16 149		VISHWANATH MATHAD.	13	AB	—	4	5	22		
17 150		SACHIN VASANAD.	12	AB	—	4	5	21		
18 151		SHREENIDHI C HANDIGOL.	15	AB	—	4	5	24		
19 152		A GOKULAKUMAR.	AB	AB	—	0	0	00		
20 153		DARSHAN S BADIGER.	12	AB	—	4	5	21		
21 154		ABHISHEK SANGOLLI.	AB	AB	—	0	0	00		
22 155		ADITYA P TALIKOTI.	14	AB	—	4	5	23		
23 156		SAGAR DESAI.	11	AB	—	4	5	20		
24 157		AKASH P GODDETI.	17	AB	—	4	5	26		
25 158		BURHAN N PEDEWALE.	17	AB	—	4	5	26		
26 159		BASURAJ JAGAPUR.	17	AB	—	5	4	26		
27 160		KARTIK S KURDEKAR.	18	AB	—	4	5	25		

IA – Internal Assessment
CTA – Course Teacher Assessment
CIE – Continuous Internal Evaluation

STUDENTS' COURSE RECORDS: Continuous Internal Evaluation

Sl No	USN	NAME	Continuous Internal Evaluation (CIE)							
			IA-I (20)	IA-II (20)	IA-III (20)	CTA (10)		CIE (50)	GRADE	SIGN
28 162		PANKAJ G EKABOTE.	18	AB	—	4	5	27		
29 163		PRAVEEN TUMBRIKOPPA.	16	AB	—	4	5	25		
30 164		NAGESH SURESH UNAKAL.	18	AB	—	4	5	27		
31 165		PRAVEENKUMAR.	16	AB	—	4	5	25		
32 166		SAMARJITSINGH RAJPUT.	17	AB	—	5	5	27		
33 167		VISHAL JADHAV.	13	AB	—	4	5	22		
34 168		KISHAN RAIKAR.	17	AB	—	4	5	26		
35 169		MALTESH HIRUR.	18	AB	—	4	5	27		
36 171		AKSHAYKUMAR TURAMARI.	19	AB	—	5	5	29		
37 172		VIJAYAGOUDA A KAL.	14	AB	—	4	5	23		
38 173		VISHALGOUDA N SANKANGOUDRA.	10	AB	—	5	5	20		
39	—	B-Division	-	—	—	-	-	—	—	—
39 241		MANISH PAUL.	15	AB	—	4	5	24		
40 245		PRUTHVIKUMAR MENASINAKAI	15	AB	—	4	5	24		
41 246		MANTESH SARAWARI.	16	AB	—	4	5	25		
42 247		SHARATH R.	18	AB	—	4	5	27		
43 248		PRATHAM PRASHANT ADUR.	16	AB	—	4	5	25		
44 249		PRAJWAL SAIBANNANA.	18	AB	—	5	5	28		
45 250		ABHINAV C.	12	AB	—	4	5	21		
46 251		SHIVAJI HUNASIKATTI.	10	AB	—	5	5	20		
47 252		SHRISHAIL P HIREMATH.	13	AB	—	4	5	22		
48 253		GURURAJ SURESH PATTAR.	16	AB	—	4	5	25		
49 255		ADARSH SATISH KULKARNI.	20	AB	—	5	5	10		
50 256		VEERANAGOUDA PATI.	15	AB	—	4	5	24		
51 257		NAVEEN GAVANI.	16	AB	—	4	5	25		
52 258		SOURAV M PATIL.	14	AB	—	4	5	23		
53 259		MARUTI B PATIL.	19	AB	—	4	5	28		

IA – Internal Assessment
CTA – Course Teacher Assessment
CIE – Continuous Internal Evaluation

STUDENTS' COURSE RECORDS: Continuous Internal Evaluation

Sl No	USN	NAME	Continuous Internal Evaluation (C						
			IA–I (20)	IA–II (20)	IA–III (20)	CTA (10)		CIE (50)	GRADE
54 260		SUNIL HINGANI.	18	AB	—	4	5	27	
55 261		SHIVREDDY KOLIWAD.	16	AB	—	4	5	25	
56 262		KETAN D ISLURKAR.	18	AB	—	4	5	27	
57 263		HARSHIT SARJU GINIMAV.	16	AB	—	4	5	25	
58 264		PAVANKUMAR PATIL.	AB	AB	—	0	0	00	
59 265		AMIT P KATHARE.	17	AB	—	4	5	26	
60 266		BHARAT.	18	AB	—	4	5	27	
61 267		K IRFAN.	19	AB	—	5	5	29	
62 269		SHRINIVAS BADIGER.	18	AB	—	5	5	28	
63 270		SHRINIVAS H KADAKOL.	16	AB	—	4	5	25	
64 271		Shrinivasgouda. Patil	16	AB	—	4	5	25	
65 272		Subramanya M. Koti	20	AB	—	5	5	10	
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