



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity
Approved by AICTE New Delhi, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Institute
Principal
IQAC
2017-18(Even)

Ref.HSIT/NDS/IQAC/03/2017-18

10 MAR 2018

Office Order

Internal Quality Assurance Cell (IQAC) consisting of following members is constituted as per NAAC/NBA accreditation requirements as approved in the Board of Management meeting vide Resolution No.02 dated 9th March, 2018. The Cell shall work for ensuring academic quality delivery and sustaining standards in the institution. The cell will function with immediate effect.

Internal Quality Assurance Cell (IQAC)

S.No.	Name	Category	Designation	Signature
1	Dr. S. C. Kamate	Principal	Chairman	
2	Sri. G. M. Patil	Management representative (Secretary of Trust).	Member	
3	Dr. V.G.Kasabegoudar	HOD, ECE	Member	
4	Dr. S.BHaddadi	HOD,EEE	Member	
5	Dr.B.M.Shrigiri	HOD, Mech	Member	
6	Dr.P.C.Baraki	HOD,CSE	Member	
7	Dr.S.A.Alur	Professor & PG Coordinator	Member	
8	Dr. S.B. Shrigiri,	Associate Professor	Member	
9	Dr. M. S. Hanagadakar	I-Year coordinator	Member	
10	Prof. D. N. Inamdar	Associate Professor	Member	
11	Prof. U.B.Khadabadi	Committee Member, Institution of Engineers Belgaum Local center.	Member	
12	Er. Kapil Hukkeri	Alumnus	Member	
13	Er. Rajeev Pao	Industrialist	Member	
14	Prof. B. R. Umarane	Associate Professor	Convener	
15	Miss. Ashwini R Patil	Student Representative	Student Member	

Objective:

The Primary objective of the IQAC is to inculcate a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

Strategies:

- To enhance and integrate the various activities of the institution and institutionalize many good practices.
- To provide a sound basis for decision-making to improve institutional functioning
- To have the best internal coordination among all entities.



10 MAR 2018

Functions:

Functions of the IQAC are:

1. Preparation & display of academic calendar of events (COE) at least two weeks before the commencement of each semester in line with affiliated university academic calendar.
2. Devising a perspective plan to conduct various relevant activities and compilation of the same.
3. Conduct the meeting of committee conveners/chairman for various academic tasks to discuss the plan of action for their respective responsibilities.
4. Preparation of mentoring guidelines to be followed and conduct interactive session with all faculty mentors regarding mentoring of students using Mentorship /Academic Counseling Book.
5. Among the IQAC members with HOD category shall periodically inspect the theory and laboratory classes and interact with students and faculty members to improve academic standards in consultation with chairman & members of IQAC.
6. Monitoring the process of student's performance in the internal assessment & attendance status after every internal assessment to parents through SMS.
7. Monitoring central counseling meeting with/without parents after every internal assessments. Dept. shall review the results of each internal assessment and work out the plan for remedial classes for slow learners/weak students to improve performance in the successive internal assessments.
8. HOD's & I-Year coordinator shall review the academic performance of students in university examination within a week from the date of announcement of results and counsel the failed students and arrange remedial classes for failures in consultation with HODs.
9. Collection of Senior exit feedback from final year students at the end of the academic year
10. Organizing weekly meeting for reviewing the syllabus coverage, attendance status of students & any other academic matters in that week.
11. Monitoring the process of online feedback from students about Teaching-Learning process & the actions to be initiated on the faculty whose feedback is below the set benchmark to improve the teaching learning process.
12. Documentation of the various programs / activities leading to quality improvement.



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IQAC

2017-18(Even)

13. Organization of workshops, seminars, invited talks and co-curricular activities to improve quality of students and faculty.
14. Formation of policies for staff quality improvements to sponsor/depute to attend workshops/STTP/FDP/QIP in reputed institutions in their relevant fields.
15. Coordinate the collection and compilation of self appraisal forms from faculty members at the end of academic year.
16. Coordinate the process of feedback on facilities by students.
17. Coordinate the activity of budget allocation based on the fund requirement of the Departments.
18. Organize the review /audit of all the academic activities by a team of program assessment committee (PAC) and present the observation to Principal for further discussion.

The Annual Quality Assurance Report (AQAR) of the IQAC:

IQAC will prepare a self-reviewed progress report annually detailing the tangible results achieved in key areas which are specifically identified by the IQAC in the beginning of the academic year by devising a perspective plan. The AQAR is the outcome of the perspective plan of the IQAC.

Signature
10/5/18



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Institute

Principal office

IQAC Meeting-2

2017-18(Even)

Ref. No.: HSIT/NDS/IQAC Meeting/2017-18/

Date: 12-03-2018

NOTICE

A meeting of all IQAC members is convened on 12.03.2018 in the office of the Principal at 3.30 pm. The agenda of the meeting is as below:

Agenda:**I. To initiate following activities through IQAC,**

1. To conduct one day workshop on awareness of NAAC.
2. To organize HSIT- Quest-2018.
3. To organize Technovision-2018.
4. To organize HSIT-SAMBHRAMA-2018.
5. To organize Invited talk on Plagiarism check.
6. To organize Invited talk on Time Management & IPR.
7. Review of Self Study Report of NAAC.
8. To organize International conference.
9. Participation in state level project competition.
10. Participation in state level KSCST project competition.
11. To organize project exhibition at college level.
12. To organize Graduation day on 26th May.
13. To organize invited talks at the department level.

II. Any other matters with permission of the chair.

(Prof. B.R.Umarane)

Convener

S.N.	Minutes of Meeting	Staff In charge	Due Date	Remarks
1.	It is resolved to initiate following activities through IQAC for improvement & sustenance quality in academics.			
1.	One day workshop on awareness of NAAC.	Dr. S.B.Shirigiri	14 th March	
2.	To organize HSIT- Quest-2018.	Dr. P.C.Baraki	16 th March	
3.	To organize HSIT-SAMBHRAMA-2018.	Prof. S.B.Yapapparvi	17 th March	
4.	To organize Technovision-2018.	Prof.S.B.Patil	24 th march	
5.	To organize Invited talk on Plagiarism check.	Prof.S.S.Itannavar	April-2018	
6.	To organize Invited talk on Time Management.	Prof.D.N.Inamdar	May-2018	
7.	Review of Self Study Report of NAAC.	Dr. S.B.Shirigiri	May-2018	
8.	To organize International conference.	Dr. P.C.Baraki	18 th & 19 th May	
9.	Participation of students in state level project competition.	Prof. M.I.Tanodi	May/June	
10.	Participation of students in state level KSCST project competition.	Prof.M.S.Futane	May-2018	
11.	To organize project exhibition at college level.	All HODs	25 th May	



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Institute
Principal office
IQAC Meeting-2
2017-18(Even)

12.	To organize Graduation day.	Dr. B.M.Shrigiri	26 th May	
13.	To organize invited talks at the department level.	All HODs	April/May	
II.	--	--	--	
III.	Meeting concluded with vote of thanks.	Prof. B.R.Umarane	---	

Members Present:

Name	Design.	Sign.	Name	Dept.	Sign.
Shri. G.M.Patil	Member		Dr. S.B.Shrigiri	Member	
Dr. V.G.Kasabegoudar	Member		Prof. D.N.Inamdar	Member	
Dr. S.B.Hadadi	Member		Prof. U.B.Khadabadi	Professional body member	
Dr. B.M.Shrigiri	Member		Er. Kapil Hukkeri	Alumnus	
Dr. P.C.Baraki	Member		Er. Rajeev Rao	Industrialist	
Dr. S.A.Alur	Member		Miss.Ashwini Patil	Student	
Dr. M.S.Hanagadkar	Member				

Dr. S. C. Kamate
Principal/Chairman



Ref. No.: HSIT/NDS/IQAC Meeting/2017-18/

Date: 28-05-2018

NOTICE

A meeting of all IQAC members is convened on 28.05.2018 in the office of the Principal at 11.00 am. The agenda of the meeting is as below:

Agenda:**I. To review the activities conducted through IQAC,**

1. One day workshop conducted on awareness of NAAC 14th March.
2. HSIT- Quest-2018 organized on 21st March.
3. Technovision-2018 organized on 24th March.
4. HSIT-SAMBHRAMA-2018 organized on 26th March.
5. Invited talk on Plagiarism check organized on 10th May.
6. Invited talk on Time Management & IPR organized on 14th May.
7. Self-Study Report of NAAC scheduled on 16th May.
8. International conference organized on 18th & 19th May.
9. Participation in state level project competition scheduled on 22- 24 May.
10. Participation in state level KSCST project competition scheduled on 24th May.
11. Project exhibition at college level scheduled on 26th May.
12. Graduation day ceremony scheduled on 26th May.
13. Invited talks at the department level.

II. Any other matters with permission of the chair.


(Prof. B.R. Umarane)
Convener

S.N.	Minutes of Meeting	Staff In charge	Due Date	Remarks
I.	The initiatives/activities conducted through IQAC for improvement & sustenance quality in academics are reviewed.			
1.	"One day workshop on "awareness of NAAC" was organized to all faculty. Dr.M.B.Kothale, Principal G I Bagewadi Arts Science & commerce College,Nipani, Karnataka was the resource person.	Dr. S.B.Shirigiri.	14 th March Completed	
2.	National level technical competitions "HSIT-Quest-2018" was organized. Er. Ramanujan Academic Head TCS, Bengaluru was the chief Guest.	Dr. P.C.Baraki.	21 st March Completed	
3.	Annual day "HSIT-SAMBHRAMA-2018" was celebrated. N.Santosh Hegade, Judge Supreme Court of India(Rtd.) was the chief Guest & Prof. Karisiddappa Vice Chancellor Visvesvarya Technological University Belagavi(Karnataka) was the Guest of honor.	Prof. S.B.Yapapparvi.	26 th March Completed	
4.	Technical competition for final year diploma	Prof.S.B.Patil.	24 th March	



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Institute

Principal office

IQAC Meeting-3

2017-18(Even)

	students "Technovision-2018" was organized.		Completed	
5.	Invited talk on "Effective project report writing in compliance with Plagiarism" was organized for final year students. The resource person was Dr. Suresh Janjamashetti from Basveshwar Engineering College Bagalkot-Karnataka.	Prof.S.S.Ittannavar.	10 th May Completed	
6.	Invited talk on "Time Management & IPR" was organized for final year students. The resource person was Dr. Ramachandra. B. Pujeri Pro-Chancellor, MIT Pune, Maharashtra.	Prof.D.N.Inamdar.	14 th May Completed	
7.	Dr.M.B.Kothale, Principal G I Bagewadi Arts Science & commerce College, Nipani, Karnataka was invited to review the Self Study Report of NAAC.	Dr. S.B.Shirigiri.	16 th May Completed	
8.	International conference, ICRIEST-2018 was organized. Prof. H.P. Khincha, IISC Bengaluru & former vice chancellor VTU Bealgavi, Prof. V.A.Raikar, Vice Chancellor Sanjay Godavt University & Prof. Dokyo Bamiya from France have chaired the session.	Dr. P.C.Baraki.	18 th & 19 th May Completed	
9.	13 project batches of 37 students have participated in state level technical competitions "SRUSTHI-2018" organized by ABVP held at Dayananda Sagar Engineering college, Bengaluru. Institute has won student friendly college award & other four prizes.	Prof. M.I.Tanodi.	22- 24 May Completed	
10.	11 batches of Final year students have participated in state level project exhibition organized by Karnataka State Council for Science & Technology (KSCST) held at Gogate Institute of Technology, Belagavi, Karnataka.	Prof. M.S.Futane.	24 th May Completed	
11.	Final year student's project exhibition was organized at the college.	All HODs.	26 th May Completed	
12.	Graduation day-2018 ceremony was organized. Dr. Rangaraj Vanadurga, Register (Evaluation) Rani Chennamma University, Belagavi, Karnataka was addressed the students as a chief Guest.	Dr. B.M.Shirigiri.	26 th May Completed	
13.	Invited talks organized at the department level are reviewed.	All HODs.	April/May Completed	
II.	---	--	--	
III.	Meeting concluded with vote of thanks.	Prof. B.R.Umarane.	--	

Signature
28/5/18

Nidasoshi-591 236, Taq: Hukkeri, Dist: Belagavi, Karnataka, India.

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Principal office

IQAC Meeting-3

2017-18(Even)

Members Present:

Name	Design.	Sign.	Name	Dept.	Sign.
Shri. G.M.Patil	Member		Dr. S.B.Shrigiri	Member	
Dr. V.G.Kasabegoudar	Member		Prof. D.N.Inamdar	Member	
Dr. S.B.Hadadi	Member		Prof. U.B.Khadabadi	Professional body member	
Dr. B.M.Shrigiri	Member		Er. Kapil Hukkeri	Alumnus	
Dr. P.C.Baraki	Member		Er. Rajeev Rao	Industrialist	
Dr. S.A.Alur	Member		Miss.Ashwini Patil	Student	
Dr. M.S.Hanagadkar	Member				


Dr. S. C. Kamate
Principal/Chairman

TIME-TABLE: INTERNAL ASSESSMENT TEST - I

Date →	14-9-2017		15-9-2017		16-9-2017		
Time →	11AM-12 NOON	3PM-4PM	11AM-12 NOON	3PM-4PM	11AM-12 NOON	3PM-4PM	
Semester ↓							
I	15**11	15**12	15**13	15**14 / 15CED14*	15**15	15**16	
III	15**31	15**32	15**33	15**34	15**35 / 15ME35A / 15ME35B	15**36 / 15ME36A / 15ME36B	
V	15**51	15**52	15**53	15**54	15ME55A/15EC553/15CS552 15CS553/15EE553	15EE553/15EC553/15ME554	
VII	10**71	10**72	10**73	10**74	10ME754 / 10ME758/ 10EC751/ 10CS753/10EE752 / 10EE756	10ME762 / 10EC762 / 10EC764 10CS761/10EE764	
Seating Arrangement(As Per the Roll Call)							
Wing	Block	Semester-Branch : RollNos		Wing	Block	Semester-Branch : RollNos	
C	1	III A-ME1-30(30)	V-EE1-30(30)	B	8	1A-FY1-30(30)	III D-ME1-30(30)
	2	III A-ME31-61(31)	V-EE31-60(30)		9	1A-FY31-60(10)	1B-FY1-20(20)
	3	VA-ME3-30(30)	III-EE1-30(30)		10	1B-FY1-21-41(21)	VB-ME1-30(30)
	4	VA-ME31-60(30)	III-EE31-54(24)		11	1C-FY1-30(30)	VB-ME31-60(30)
	5	VII A-ME1-30(30)	VII-EE1-30(30)	12	1C-FY31-45(15)	VB-ME61-61(61)	
	6	VII A-ME31-63(33)	VII-EE31-65(35)	13	1D-FY1-30(30)	VII B-ME1-30(30)	
	7	VA-ME61-72(12)	V-EE61-68(18)	14	1D-FY31-35(15)	VIII B-ME31-63(33)	
* 15CED14 → 1:30PM - 2:45PM(C1 & D1), 2:30PM - 3:45PM(C2 & D2), 3:30PM - 4:45PM(C3 & D3) *15ME36A → 1:30PM - 3:00PM (A1 & A2), 3:00PM - 4:30PM (A3 & A4)							

Examination Coordinator
(S.G. Gollig)

Principal
(S. G. Gollig)

		S.J.P.N. Tracts Hirasugar Institute of Technology, Nidasosholi. <small>Indicating Value, Promoting Prosperity</small> <small>Recognized by Govt. of Karnataka, Approved by AICTE and Affiliated to VTU Belgaum</small>		Examination Academic I-A-II 2017-18 (ODD)
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TIME-TABLE: I-A TEST - 2

15-10-2017		16-10-2017		17-10-2017	
11AM-12 NOON		11AM-12 NOON		11AM-12 NOON	
3PM-4PM		3PM-4PM		3PM-4PM	
15**11		15**13		15**15	
15**31		15**33		15**35 / 15ME35A / 15ME35B	
15**51		15**53		15EE53A/15EC53A/15CS53A 15EE53B/15EC53B/15CS53B	
10**71		10**73		10ME75A / 10ME75B/ 10EC751/ 10CS751/10EC752 / 10EC756	
Seating Arrangement(As Per the Roll Call)					
Wing	Block	Semester-Branch : RollNos	Wing	Block	Semester-Branch : RollNos
C	1	IIA-ME-1-30(30) V-EE-1-30(30)	B	8	IA-FY-1-30(30) IIB-ME-1-30(30)
	2	IIA-ME-1-60(30) V-EE-1-60(30)		9	IA-FY-31-40(10) IB-FY-1-20(20) IIB-V-EE-1-60(30)
	3	VIA-ME-1-30(30) IIE-1-20(30)		10	IB-FY-21-41(21) VB-ME-1-30(30)
	4	VIA-ME-1-60(30) IIE-1-45(25)		11	IC-FY-1-30(30) VB-ME-1-60(30)
	5	VIA-ME-1-30(30) VI-EE-1-10(30)		12	IC-FY-31-45(15) VB-ME-1-60(30)
	6	VIA-ME-1-60(30) VI-EE-1-65(35)		13	1D-FY-1-30(30) VIB-ME-1-30(30)
	7	VIA-MF-1-77(17) V-EE-1-65(5)		14	1D-FY-31-37(7) VIB-ME-1-60(30)
* 15CED14 → 1:30PM - 2:45PM (C1 & D1), 2:50PM - 3:45PM (C2 & D2), 3:50PM - 4:45PM (C3 & D3) * 15ME36A → 1:30PM - 3:00PM [A1 & A2], 3:00PM - 4:30PM [A3 & A4]					


 Dr. S. C. K. K. K. K.
 Principal

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Examination
Academic
IA - III
2017-18 (ODD)

TIME-TABLE: IA TEST - III

Date → Time → Semester ↓	18-11-2017		19-11-2017		20-11-2017	
	11AM - 12 NOON	3PM - 4PM	11AM - 12 NOON	3PM - 4PM	11AM - 12 NOON	3PM - 4PM
I	17**11	17**12	17**13	17**14 / 17CLD14*	17**15	17**18(C) / 17ENG18(P)
III	15**31	15**32	15**33	15**34	15**35 / 15ME35A / 15ME35B	15**36 / 15ME36B / 15ME36A*
V	15**51	15**52	15**53	15**54	15ME54/15EC53/15CS52 15CS53/15EE53	15EE53/15EC52/15CS54 15EE52/15EE53
VII	10**71	10**72	10**73	10**74	10ME74 / 10ME75B / 10EC751/ 10CS753/10EE752 / 10EE756	10ME769 / 10EC762 / 10EC763 10CS761/10EE764

Seating Arrangement(As Per the Roll Call)

Wing	Block	Semester-Branch : RollNos	Wing	Block	Semester-Branch : RollNos	Wing	Block	Semester-Branch : RollNos	
C	1	IIIA-ME-1-30(30) V-EE-1-30(30)	B	8	IA-FY-1-30(30) IIB-ME-1-30(30)	A	15	III-CS-1-30(30) V-EC-1-30(30)	
	2	IIIA-ME-31-60(30) V-EE-31-60(30)		9	IA-FY-31-40(30) IB-FY-1-20(20)		16	III-CS-31-42(22) V-EC-31-45(35)	
	3	VA-ME-1-30(30) III-EE-1-30(30)		10	IB-FY-21-42(21) VB-ME-1-30(30)		17	V-CS-1-30(30) III-EC-1-30(30)	
	4	VIA-ME-31-60(30) III-EE-31-55(25) V-EE-62-66(8)		11	IC-FY-1-30(30) VB-ME-31-60(30)				
	5	VIIA-ME-1-30(30) VII-EE-1-30(30)		12	IC-FY-31-45(15) VB-ME-61-68(8)		D	18	V-CS-31-50(20) III-EC-31-42(12)
	6	VIA-ME-31-63(33) VII-EE-31-61(31)		13	ID-FY-1-30(30) VIIB-ME-1-30(30)			19	VII-CS-1-30(30) VII-EC-1-30(30)
	7	VA-ME-62-77(17) V-EE-61-68(8)		14	ID-FY-31-37(7) VIIB-ME-31-33(33)			20	VII-CS-31-45(15) VII-EC-31-60(30)
								21	VII-EC-61-82(22)

• 17CED14→1:30PM - 2:45PM (C1 & D1), 2:30PM - 3:45PM(C2 & D2), 3:30PM - 4:45PM(C3 & D3) | • 15ME36A→1:30PM - 3:00PM (A1 & A2), 3:00PM - 4:30PM (A3 & A4)

* 17CED14 → 1:30PM - 2:45PM (C1 & D1), 2:50PM - 3:45PM (C2 & D2), 3:50PM - 4:45PM (C3 & D3) || * 15ME36A → 1:30PM - 3:00PM (A1 & A2), 3:00PM - 4:30PM (A3 & A4)

Examination Coordinator
(S. B. G. 11/11/17)

Dr. S.C. Kamate
Principal


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TIME-TABLE: IA TEST - I

Date → Time → Semester ↓	05-03-2018		06-03-2018		07-03-2018			
	11AM - 12 NOON	3PM - 4PM	11AM - 12 NOON	3PM - 4PM	11AM - 12 NOON	3PM - 4PM		
2	17**21	17**22	17**24	17**24 / 17CED24*	17**25	17**28(C)		
4	15**41	15**42	15**43	15**44	15**45 / 15ME-65A / 15ME45B	15**46 / 15ME-66B / 15ME66A*		
6	15**61	15**62	15**63	15**64	15ME653/15EC654/15CS651 / 15EE651	15ME664/15EC663/15CS664 / 15EE662		
8	10**81	10**82			10ME833/ 10EC832 / 10EC834/10CS835/10EE836	10ME844 / 10EC841 / 10EC842 / 10CS841/10CS842/10EE842/10EE844		
Seating Arrangement(As Per the Roll Numbers)								
Wing	Block	Semester-Branch : Roll Nos	Wing	Block	Semester-Branch : Roll Nos	Wing	Block	Semester-Branch : Roll Nos
C	1	IV A ME-1-30(30)	B	8	1A-FY-1-30(30)	A	14	IV CS-1-30(30)
	2	IV A ME-31-60(30)		9	1A-FY-31-50(08)		15	IV CS-31-57(22)
	3	VI A ME-1-30(30)		10	1B-FY-21-43(21)		16	VI CS-1-30(30)
	4	VI A ME-31-60(30)		11	1C-FY-1-30(30)			
	5	VII A ME-1-30(30)		12	1D-FY-1-30(30)			
	6	VIII A ME-31-63(33)		13	1E-FY-31-45(15)			
	7	VIA ME-61-62(02)				D	17	VI CS-31-40(19)
						18	VIII CS-1-30(30)	VIII EC-1-30(30)
						19	VIII CS-31-45(15)	VIII EC-31-60(30)
						20	VIII EC-61-81(21)	
* 17CED24 → 1:30PM - 2:45PM (A1 & B1), 2:30PM - 3:45PM (A2 & B2), 3:30PM - 4:45PM (A3 & B3) * 15ME46A → 1:30PM - 3:00PM (B1 & B2), 3:00PM - 4:30PM (B3 & B4)								

Examination Coordinator

Principal

	Hirasugar Institute of Technology, Nidasoshi. Inculcating Value, Promoting Prosperity Recognized by Govt. of Karnataka, Approved by AICTE and Affiliated to VTU Belgaum		S J P N Trust's	
			Institute Academic	
			Internal Assessment I-13 2017-18 (EVEN)	

TIME-TABLE: IA TEST - II

Date → Time → Semester ↓	11-04-2018		12-04-2018		13-04-2018		
	11AM - 12 NOON	3PM - 4PM	11AM -12 NOON	3PM - 4PM	11AM - 12 NOON	3PM - 4PM	
2	17**21	17**22	17**23	17**24 / 17CED24*	17**25	17**28(C)	
4	15**41	15**42	15**43	15**44	15**45 / 15ME45A / 15ME45B	15**46 / 15ME46B / 15ME46A*	
6	15**61/10**61	15**62/10**62	15**63/10**63	15**64/10**64	15ME653/15EC654/15CS651/ 15EE651/10**65	15ME664/15EC663/15CS664/ 15EE662/10ME665/10EC662/10CS666/ 10EE666	
8	10**81	10**82	10ME833/ 10EC832/ 10EC834/10CS835/10EE836	10ME844 / 10EC841/ 10EC842/10CS841/10CS842/10 EE842/10EE844			
Seating Arrangement(As Per the Roll Numbers)							
Wing	Block	Semester-Branch : Roll Nos		Wing	Block	Semester-Branch : Roll Nos	
C	1	IV A ME-1-32(32)	VI-EE-1-30(30)	A	13	IV-CS-1-30(30)	VI-EC-1-30(30)
	2	IV A ME-33-65(33)	VI-EE-31-47(17)		14	IV-CS-31-52(22)	VI-EC-31-56(26)
	3	VI A ME-1-31(31)	IV-EE-1-30(30)		15	VI-CS-1-30(30)	IV-EC-1-30(30)
	4	VI A ME-32-62(32)	IV-EE-31-54(24)				
	5	VIII A ME-1-30(30)	VIII-EE-1-30(30)				
	6	VIII A ME-31-63(33)	VIII-EE-31-57(27)				
D				D	16	VI-CS-31-49(19)	IV-EC-31-41(11)
					17	VIII-CS-1-30(30)	VIII-EC-1-30(30)
					18	VIII-CS-31-45(15)	VIII-EC-31-60(30)
					19	VIII-EC-61-81(21)	
* 17CED24 → 1:30PM - 2:45PM (A1 & B1), 2:30PM - 3:45PM(A2 & B2), 3:30PM - 4:45PM(A3 & B3) * 15ME46A → 1:30PM - 3:00PM (B1 & B2), 3:00PM - 4:30PM (B3 & B4)							


Examining Coordinator

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Dr. S.C. Kamate
Principal

Hirasugar Institute of Technology, Nidasoshi-591236

Course Outcome/Program Outcome Assessment

COURSE COORDINATOR: Prof. S. S. THABAJ
 A.Y: 2017-18
 SEM: I Sem
 CO Code: C101

PROGRAM: CS
 DIV: B

COURSE:Engg. Mathematics-I
 COURSE CODE: 17WAT11

Mapping of Course Outcomes (COs) to Program Outcomes (POs)

POs→ COs↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101.1	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.2	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.3	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.4	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.5	3	2	0	0	0	0	0	0	0	0	0	1
Average	3	2	0	0	0	0	0	0	0	0	0	1

Mapping of Course Outcomes (COs) to Program Specific Outcomes(PSOs)

PSOs	PSO 1	PSO 2	PSO 3
COs			
C402.1	3	3	3
C402.2	3	3	3
C402.3	3	3	3
Average	3	3	3

Mapping of IA Questions to COs

IA Test-1	IA Test-2		IA Test-3	
Q.No.1 OR Q.No.3 OR Q.No.4	Q.No.1 OR Q.No.2	Q.No.3 OR Q.No.4	Q.No.1 OR Q.No.2	Q.No.3 OR Q.No.4
C101.1	C101.2	C101.3	C101.4	C101.5
Maximum Marks for Each Question				
13	12	15	15	15

Target Level Set for the Attainment of Course: 1.5

Instructions:

1. The course coordinator should manually enter correlated IA questions with mapped COs
2. The course coordinator should manually enter correlated assignments with mapped COs
3. Based on the previous three assessment years course coordinator/faculty has to set the target level for course attainment.
4. Mapped POs must be entered manually in IA Assessment Sheet, Assignment Assessment Sheet and CO Attainment Sheet.

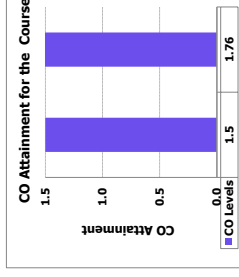
Mapping of Assignment Questions to COs

ASSIGNMENTS				
ASSGN-1	ASSGN-2	ASSGN-3	ASSGN-4	ASSGN-5
C101.1	C101.2	C101.3	C101.4	C101.5
Maximum Marks for Each Assignment				
25	25	25	25	25

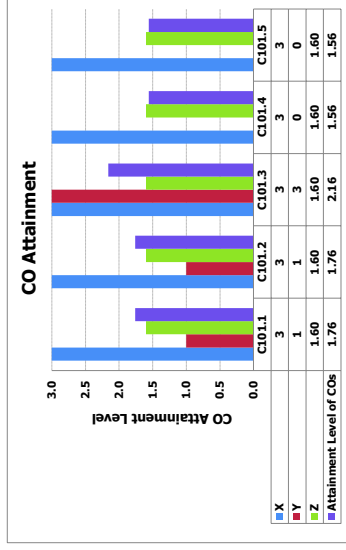
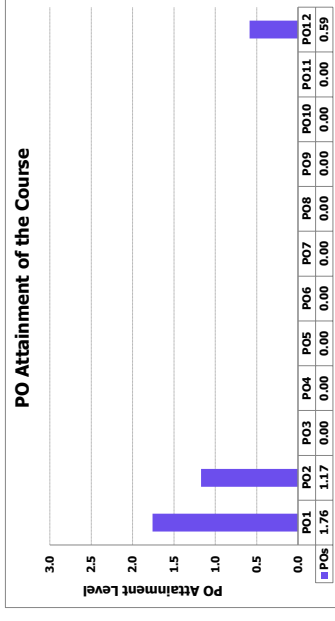
CO Attainment

COs	Attainment Through Assignment(N)	Attainment Through IA (eVY)	Attainment Through Semester Total Exam(e)	Attainment level of CO	Mapped POs
CO01	3	1	1.60	$[0.4(X+Y)/2]+0.6Z$	1,2,12
CO02	3	1	1.60	1.76	1,2,12
CO03	3	1	1.60	2.16	1,2,12
CO04	3	0	1.60	1.86	1,2,12
CO05	3	0	1.60	1.76	1,2,12
			Average		

CO Attainment for the Course	
Target CO Level	1.5
Attained CO Level	1.76

[illegible]

POs attainment value for the present course = (Mapped value * CO attainment average)/3





S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

First Year Engg

NBA

FCAR

2017-18(Odd)

FACULTY COURSE ASSESSEMENT REPORT (FCAR)

Course Coordinator: Prof: S. S. THABAJ

Class Strength:40

Semester:I

Subject: Engg. Mathematics-I

Code: 17MAT11

I. Program Outcomes (POs): Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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II. Program Specific Outcomes (PSOs):

PSO1:	NA
PSO2:	NA
PSO3:	NA

III. Course outcomes (COs): The student, after successful completion of the course, will be able to:

	Course Outcome	Cognitive Level	Pos
C101.1	Determine n^{th} derivative of functions	L1	PO1,PO2,PO12
C101.2	Use partial derivatives to calculate rates of change of multivariate functions.	L2	PO1,PO2,PO12
C101.3	Analyze position, velocity, and acceleration in two or three dimensions using the calculus of vector valued functions.	L2	PO1,PO2,PO12
C101.4	Recognize and solve first-order ordinary differential equations, Newton's law of cooling	L3	PO1,PO2,PO12
C101.5	Use matrices techniques for solving systems of linear equations in the Different areas of Linear Algebra.	L3	PO1,PO2,PO12

IV. Mapping of Course Outcomes (Cos) to Program Outcomes (Pos):

POs Cos	1	2	3	4	5	6	7	8	9	10	11	12
C101.1:	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.2:	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.3:	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.4:	3	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
C101.5:	3	2	0	0	0	0	0	0	0	0	0	1
AVG	3	2	0	0	0	0	0	0	0	0	0	1

V. Mapping of Course Outcomes (Cos) to Program Specific Outcomes (PSOs):

PSOs Cos	PSO1	PSO2	PSO3
C109.1	NA	NA	NA
C109.2	NA	NA	NA
C109.3	NA	NA	NA
AVG	NA	NA	NA



VI. Justification of CO-PO Mapping:

Mapping	Justification
C101.1-PO1 C101.2-PO1 C101.3-PO1 C101.4-PO1 C101.5-PO1	Fundamental knowledge of Engg. Mathematics will help us in analyzing engineering problems very easily
C101.1-PO2 C101.2-PO2 C101.3-PO2 C101.4-PO2 C101.5-PO2	Applying the knowledge about methods for systems of linear equations to solve problems
C101.1-PO12 C101.2-PO12 C101.3-PO12 C101.4-PO12 C101.5-PO12	Inspired to apply the knowledge of differential equations in domestic applications (like electrical circuits, falling objects, chemical reaction etc)

VII. Justification of CO-PSO Mapping (Engg. Mathematics-I-15MAT11):

Mapping	Justification
C101.1-PSO1	NA
C101.2-PSO2	NA
C101.3-PSO3	NA



MEASUREMENT OF COs, POs & PSOs ATTAINMENT

Teaching Methodology:

- Lecture by Teacher
- PPT or Online demo etc.

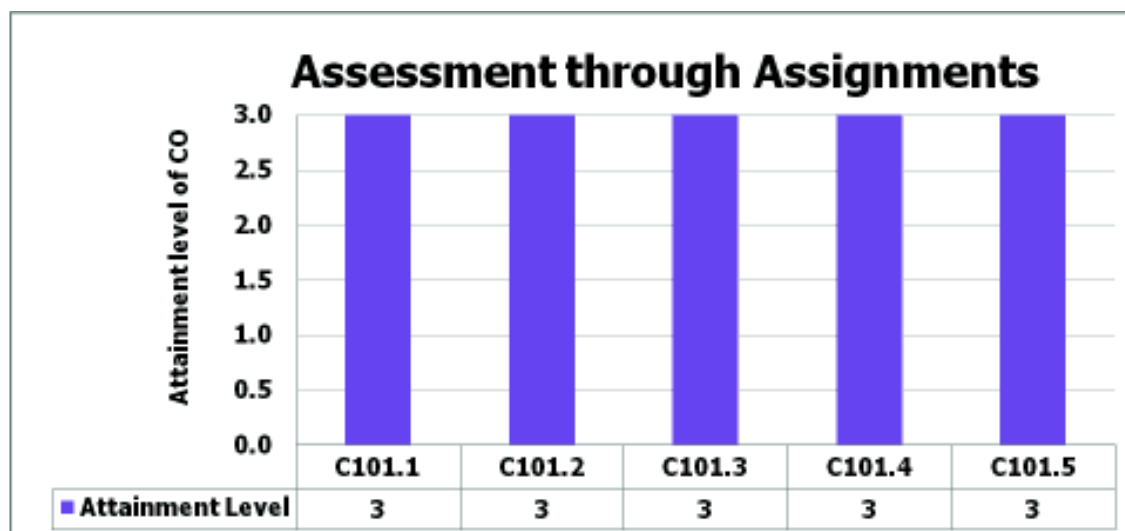
Assessment Tools:

- Continuous assessment
- Laboratory experiments
- End semester exam

I. Assessment through Assignment:

A: Appeared R: Reached Low =1 (50-60 %) Medium =2 (61-70 %) High =3 (above 70 %)

COs	Assignment-1		Assignment-2		Assignment-3		Assignment-4		Assignment-5		Attainment level of CO in Percentage	Attainment level of CO	Mapped PO
	A	R	A	R	A	R	A	R	A	R			
C101.1	41	21											1,2,12
C101.2			41	15	41	27							1,2,12
C101.3							41	30					1,2,12
C101.4									41	4			1,2,12
C101.5											41	20	1,2,12

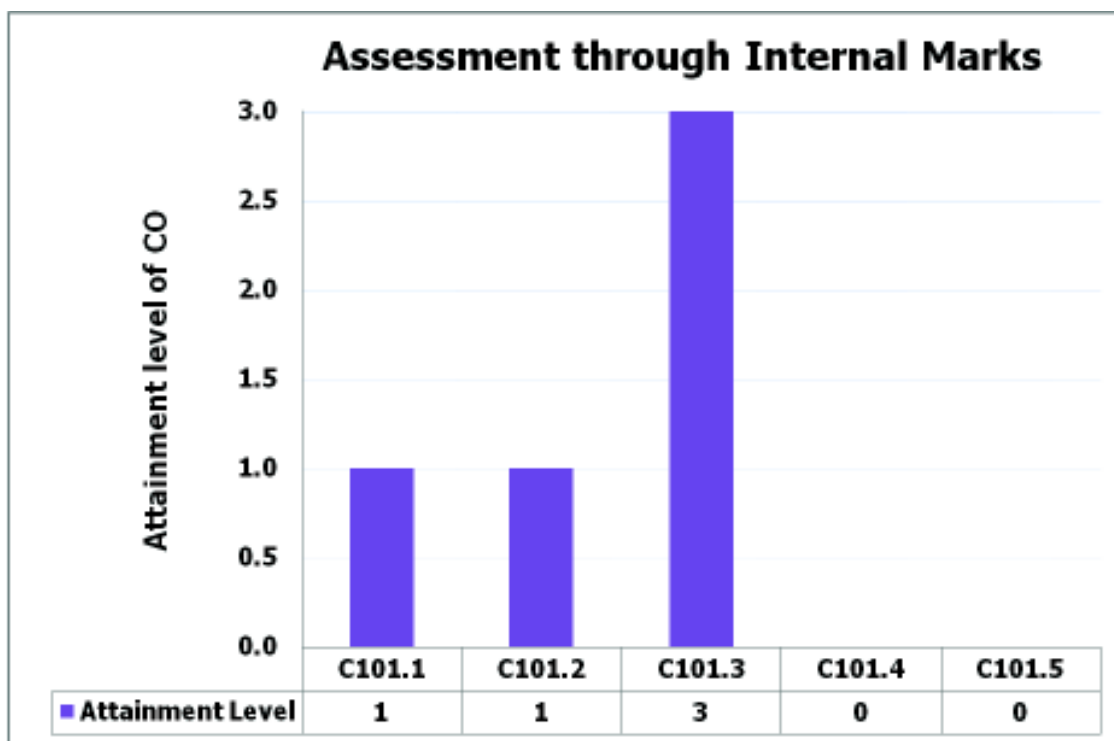




II. Assessment through Internal Marks:

A: Appeared R: Reached Low =1 (50-60 %) Medium =2 (61-70 %) High =3 (above 70 %)

Cos	IA Test-1				IA Test -2				IA Test -3				Attainment level of CO	Mapped PO
	Q.No.1 OR Q. No. 2		Q.No.3 OR Q. No. 4		Q.No.1 OR Q. No. 2		Q.No.3 OR Q. No. 4		Q.No.1 OR Q. No. 2		Q.No.3 OR Q. No. 4			
	A	R	A	R	A	R	A	R	A	R	A	R		
C101.1	41	21											1	1,2,12
C101.2			41	15	41	27							1	1,2,12
C101.3							41	30					3	1,2,12
C101.4									41	4			0	1,2,12
C101.5											41	20	0	1,2,12





III. Semester End Exam Assessment Based on VTU Exam Results:

COs Attainment Levels:

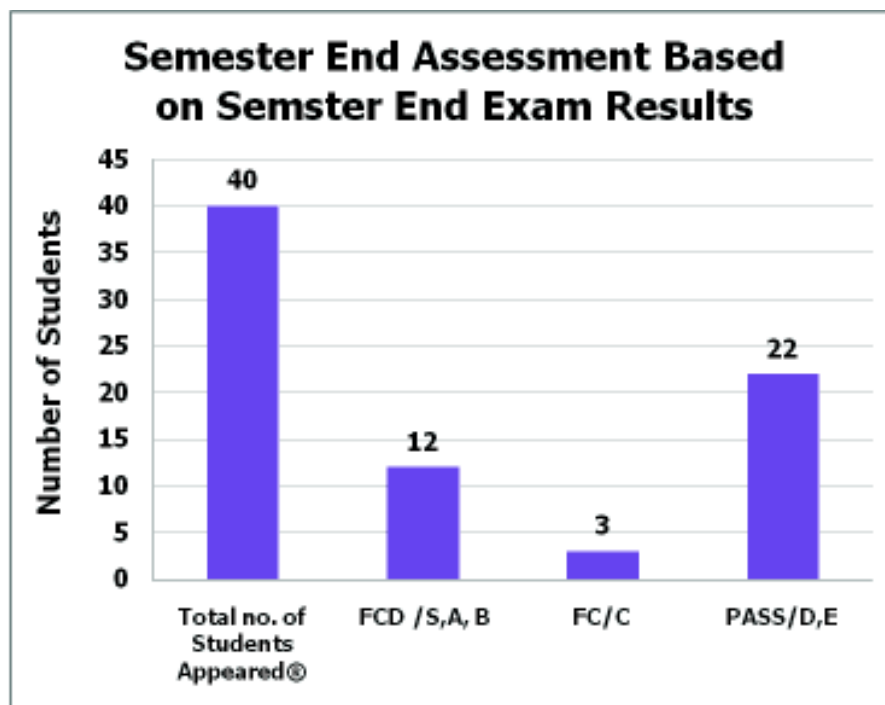
FCD: S+, S, & A = 3;

FC (B) = 2;

Pass: C, D, & E = 1;

Fail = 0

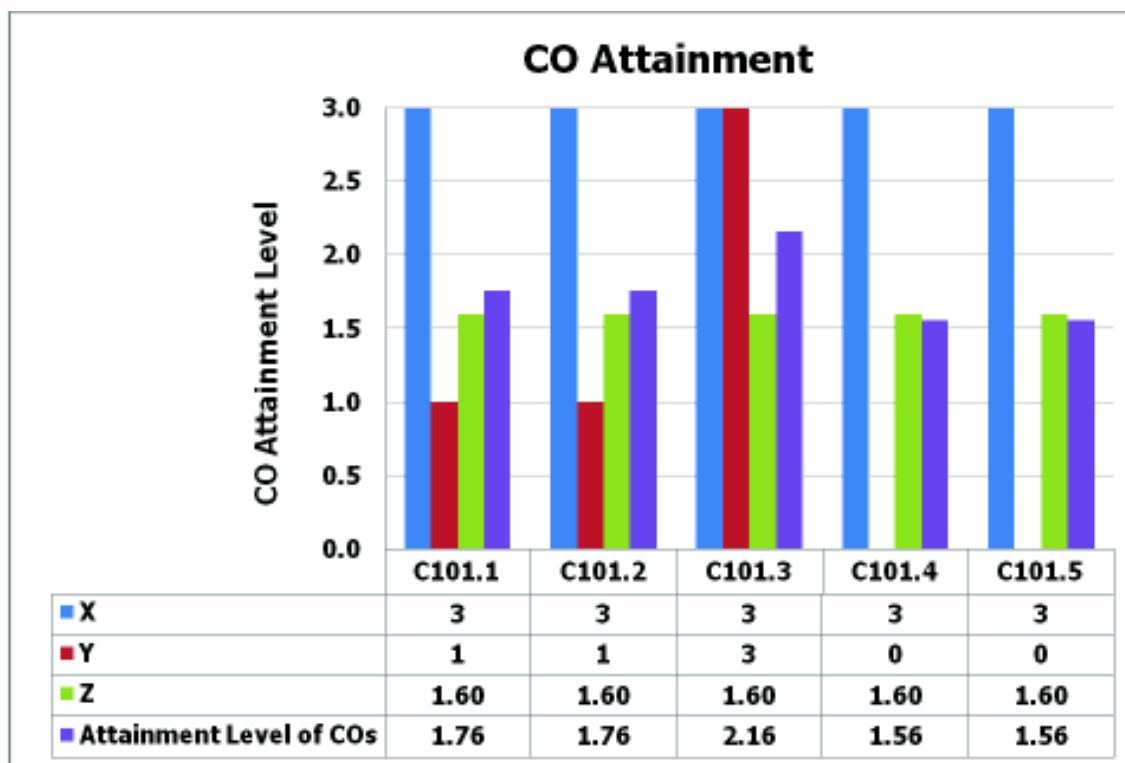
Total no. of Students Appeared→	40	
Class/Grade↓	Total Number of Students	Course (COs) Attainment Through Semester End Exams
FCD/S+, S, A	12	36
FC/B	3	6
PASS/C,D,E	22	22
Total Percentage of Passing	92.50%	1.60



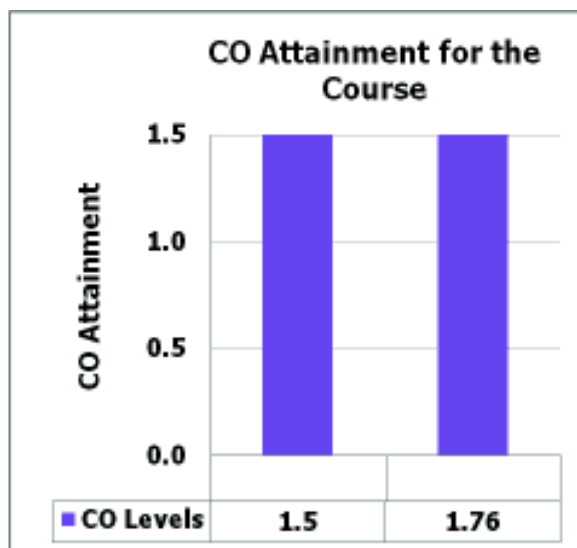


IV. CO Attainment:

COs	Attainment Through Assignment(X)	Attainment Through IA Test(Y)	Attainment Through Semester End Exam(Z)	Attainment level of CO	Mapped POs
				$[0.2(X+Y)/2]+0.8Z$	
C101.1	3	1	1.60	1.76	1,2,12
C101.2	3	1	1.60	1.76	1,2,12
C101.3	3	3	1.60	2.16	1,2,12
C101.4	3	0	1.60	1.56	1,2,12
C101.5	3	0	1.60	1.56	1,2,12
Average				1.76	1,2,12



CO Attainment for the Course	
Target CO Level	1.5
Attained CO Level	1.76

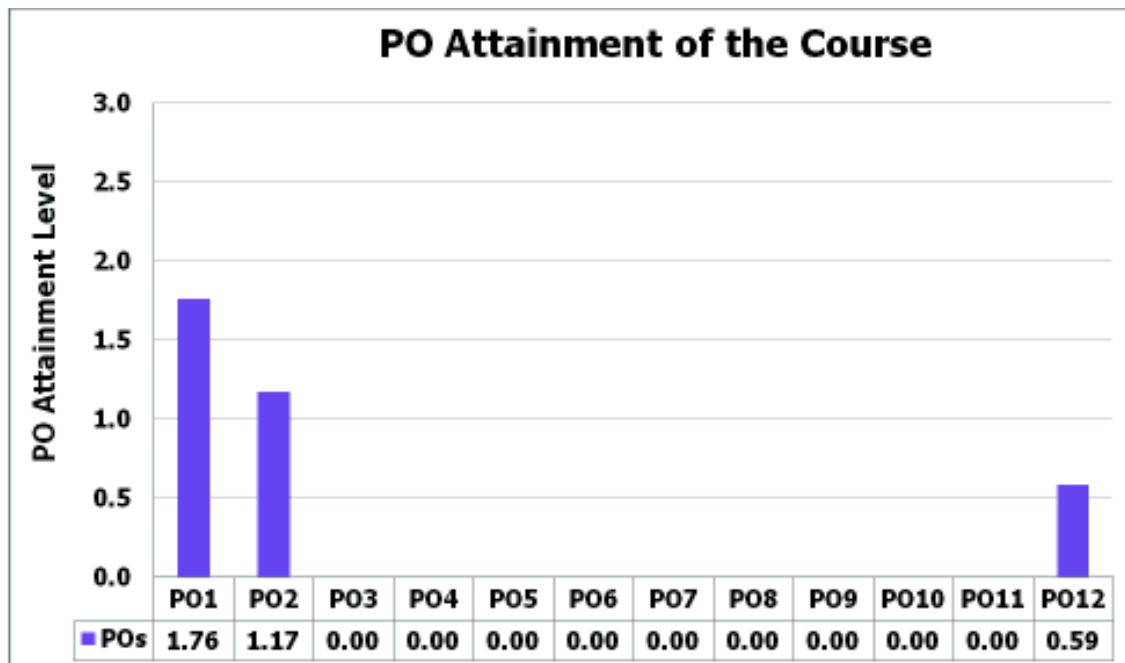


V. PO Attainment for the Entire Course:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	1.76	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59

POs attainment value for the present course = (Mapped value * CO attainment average)/3

Note: Mapped value is available in section 4.



VI. PSO Attainment: NA

VII. PSO Attainment for the Entire Course: NA

PSOs attainment value for the present course = (Mapped value * CO attainment average)/3

Note: Mapped value is available in section 5 given above.

VIII. Course Coordinator Remarks:

S. No.	Observations	Comments
1	Impact of Delivery Methods	Followed methods are satisfactory.
2	Course Outcome Attainment	All Cos have been covered satisfactorily
3	Scope for Improvement	Still more practice homework is to be given
4	Additional Comments (if any)	Students needs more practice as this is basic subject and is applied for their higher studies.