



G H RAISONI COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur)

Accredited by NAAC with 'A+' Grade

CRPF Gate No. 3, Hingna Road, Digdoh Hills, Nagpur – 440 016. (INDIA)

Phone : +91 9604787184, 9689903286, 9921008391 Fax : +91 – 7104 – 232560

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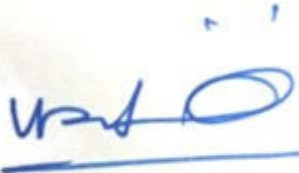
Summary of 3.1.1

The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented.

Supporting Documents:

1. Minutes of meeting Academic Council
2. Minutes of meeting Board of Governance




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MINUTES OF 41st MEETING OF GOVERNING BODY

The 41st meeting of Governing Body of G H Raisoni College of Engineering, Nagpur was held on 30th June 2022 at 10:30 am in board room of GHRTBI. The following Members were present in the meeting:

S.N.	Name of Member	S.N.	Name of Member
1	Shri. Sunil Raisoni	8	Mr. Arvin Kumar.
2	Prof. U. B. Desai	9	Mr. Abhishek Vidyabhanu
3	Prof. Milind Atrey	10	Prof. P. V. Walke
4	Prof. V. M. Gadre	11	Prof. M. M. Khanapurkar
5	Prof. P. M. Padole	12	Prof. S. B. Jaju
6	Mr. Sujit Banerjee	13	Prof. D. V. Padole
7	Dr. M. B. Daigavane	14	Prof. Sachin Untawale

Prof. Neelesh Kumar Jain and Prof. P. B. Maheshwari could not join the meeting due to other assignments. Member Secretary & Director GHRCE Prof. Sachin Untawale introduced all the Honorable Governing Body Members and accorded a welcome to the members for 41th Governing Body Meeting. The meeting was chaired by Shri Sunil Raisoni.

[A] Items for Approval

The following discussion were held:

Agenda No. 1/41	Confirmation of the minutes of the 40th meeting of Governing Body held on 28th March 2022
Member Secretary presented Minutes of Meeting of 40 th Governing Body Meeting.	
Resolution No. 1/41	Resolved that the Governing Body unanimously approved the minutes of 40 th meeting held on 28 th March 2022.
Agenda No. 2/41	Action taken report for 40th meeting of Governing Body
Member Secretary presented Action Taken Report of 40 th Governing Body Meeting.	

Action Taken Report of 40th GB Meeting

Actionable Point	Action Taken
Agenda No.-1/40: Approval of Minutes of 39 th GB Meeting held on 25 th December 2021	Circulated and uploaded on website
Agenda No.-2/40: Action Taken Report on 39 th GB Meeting held on 25 th December 2021	Circulated and uploaded on website
Agenda No.- 5/40: Budget	Action Taken
Prof. V. M. Gadre suggested to recruit part time research scholars from IITs/NITs who are doing R&D Work (Ph.D.) in Artificial Intelligence/Data Sciences areas. Prof. Milind Atrey and Chairman Shri Sunil Rasoni also agreed for the same and suggested to recruit such research scholars as faculty.	As per suggestion, interview of 2 research scholars from IIT, Bombay were conducted. Decision is awaited.
Dr. P. B. Maheshwari informed the GB that the parent university is working on finalizing the modalities for faculty members from other Department to teach the courses in Artificial Intelligence/Data Sciences areas. The regulations for such faculty members may include acquiring related skills from NPTEL exams or other AI/DS related courses by taking 4-5 subjects of 18 to 20 credits from the emerging areas. It will also help in retaining the teachers from core branches instead of reducing the intake or closing the core areas courses.	GHRCE has started encouraging faculty members from core disciplines to take NPTEL courses in AI/DS.
Prof. Desai Suggested not to reduce the intake of core branches instead of that update the syllabus and scheme as per the requirement. Introduce Electric vehicles, Green energy, Hydrogen fuel, Artificial Intelligence with Machine learning in core branches like Mechanical.	Scheme updation will be done in 2024-25. Till then electives in these domains have been floated.
Dr. P. B. Maheshwari also suggested to increase the R&D Budget for first year as he pointed out that R&D Budget allocated for first year is less as compared to other Departments as the intake is 1000 plus. Chairman Shri Sunil Rasoni agreed for same and give approval for increasing the R&D budget of first year.	The R&D Budget for first year has been increased and approved.
Resolution No. 2/41	Resolved that the Governing Body unanimously approved the Action Taken Report on 40th Meeting of Governing Body held on 28th March 2022.

Agenda No. 3/41	Approval of minutes of meeting of 34th Academic Council held on 21st June 2022
<p>Member secretary presented the Minutes of 34th Academic Council Meeting</p> <p>Major Approvals:</p> <ul style="list-style-type: none"> • Confirmation of Minutes of 33rd Academic Council Meeting conducted on (16th December 2022). • Action Taken Report for 33rd meeting of Academic Council. • Minutes of Meetings of Board of Studies. • Planning of Academic Session of Winter 2022. • Mapping of NPTEL courses with curriculum courses for Winter-2022. • Offering of courses by Industry Experts as Elective Courses (Industry Elective Courses). <p>Discussion Points:</p> <ul style="list-style-type: none"> • Director VNIT, Dr. Padole suggested to give name of Board of studies like Interdisciplinary board instead of BoS (Data Science), BoS CSE (IOT). Director GHRCE informed that the BoS in Interdisciplinary Studies already exists in the institution. • The need to create a BoS for new emerging area programme was because of a large number of students in these areas and moreover incorporating additional external members on the new Board of Studies will have more inputs as regards these emerging area branches. • Dr. Atrey advised to start Machine Learning course & creating facility for Conversion of English language course material into other languages online. • Dr. U.B. Desai suggested to incorporate the elective “Electric Car” and involve the industry persons from Bajaj industry or Mahindra and Mahindra. • Dr. U. B. Desai also suggested to go in for establishing a University. He also opined to check the feasibility to start a new University. • Director VNIT, Dr. Padole advised to have a MoU with SIEMENS Centre of Excellence at VNIT. 	
Resolution No. 3/41	Resolved that the minutes of meeting of 34th Academic Council held on 21st June 2022 were approved.

Agenda No. 4/41 To approve the list of Graduands for 8th passing certificate distribution ceremony

Member secretary presented the list of Graduands for 8th passing certificate distribution ceremony

Overall summary UG + PG students recommended for award of degree after Summer -2022
(ESE + Summer Term + Vacation)

Program	Summer – 2022 End Semester Examination (ESE)					Total Recommended for Degree Summer – 2022 (ESE + Summer Term + Vacation)
	Students Appeared	Total Pass	Recommended for Award of Degree (Pass)	NOT Recommended withheld (Pass)	Fail & Pending	
UG	1025	981	914	67	44	914
PG	116	116	116	00	00	116
TOTAL (UG + PG)	1141	1097	1030	67	44	1030

Short Summary			Total Recommended for Award of Degree	
EXAM	UG	PG	(UG + PG)	
Summer - 2022	914	116	1030	
Winter - 2021	10	2	12	
Grand Total	924	118	1042	

Sr. No.	Program [Total : Honor's + Minor]	Category of Specialization			
		Major (Honor's)	No of Graduates	Minor	No of Graduates
1	B.E. Computer Science & Engineering	Major- CSE	0	Minor - AIE	2
2	B.E. Electronics Engineering	Major- ETRX	0	Minor- AIE	1
3	B.E. Electronics & Telecom. Engineering	Major - ETC	0	Minor - AIE	3
4	B.E. Mechanical Engineering	Major- MECH	0	Minor- CSE	1
Total			0		7

Discussion Point:

1. Dr. U. B. Desai suggested to include "Smart Mobility" as a minor course.

Agenda No. 5/41 Planning of Academic Session (Academic Calendar) Winter 2022

Member Secretary presented the planning of Academic Session (Academic Calendar) Winter 2022

Semester	Commencement	Last day of Teaching
VII Semester (Semester Internship)	Monday, June 27, 2022	November 04, 2022
V Semester & VII Semester	Monday, July 18, 2022	November 18, 2022
III Semester	Monday, August 29, 2022	December 21, 2022
I Semester	As per Admission Procedure	

- ESE Winter – 2022 : 21 Nov. 2022 – 31 Dec. 2022.
- ESE Vacation Winter – 2022: 26 Dec. 2022 – 15 Jan. 2023.

Session 2022-23: Even Term – Summer 2023:

- Commencement: January 02, 2023
- Last Day of Teaching : April 24, 2023
- ESE Summer 2023: April 26-May 31, 2023.
- Summer Term 2023: June 01 - July 15, 2023

Discussion Point:

- Dr. Desai suggested to change the syllabus by taking the approval of BoS & Academic Council.
- Dr. M. Atrey suggested to take approval from Academic Council and start new electives like Hydrogen Fuel, Electric vehicle etc. Institute can also refer to the latest syllabus from IITs/NITs for new electives like Hydrogen Fuel, Electric vehicle etc. and update the current syllabus

Resolution No. 5/41	Resolved that the Governing body approved Planning of Academic Session (Academic Calendar) of Winter 2022
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[B] Items for Information to the GB

Agenda No. 6/41	Research & Development Update											
Member Secretary presented the Research & Development update.												
Publications 2021 (1st April 2022 - to till date)												
Category	Publications	CSE	IT	MECH	ETRX	ETC	CIVIL	EE	FY	AI	MBA	Total
Google Scholar	Int. Journal	1	0	0	0	0	1	0	0	0	1	3
	Int. Conf.	0	0	0	0	0	0	0	0	0	0	0
Scopus	Int. Journal	2	0	0	0	0	0	0	0	0	0	2
	Int. Conf.	2	9	2	1	13	1	7	1	1	0	37

WOS	Int. Journal	0	0	2	0	1	0	0	0	2	0	5
	Int. Conf.	0	0	3	0	0	0	0	0	0	2	5
Total		5	9	7	1	14	2	7	1	3	3	52

Quality Publications/Copyright/Grants	Total
WOS (IJ)	5
Scopus (IJ)	2
Any other (IJ)	3
International Conferences (Other)	0
WOS (IC)	5
Scopus (IC)	37
Total	52
Patent granted (14 + 8)	22
No of book/book Chapter	2/1
Copyright	11
Paper with More than 10 citations	368
Number of joint Publications	18
Grant Received (Number or count)	6
Grant Received (Amount in Lakhs)	1.6

Discussion Point:

1. Dr. Jaju briefed about last one year publications status to GB members with incentive policy for faculty members based on publications.
2. Mr. Sujit Banerjee informed about the importance of publications in DST proposal. He also suggested about submission of proposals jointly with Industry linkage.

Agenda No. 7/41 Grants applied to Government Agencies (1st April 2021 till date)

Sr. No.	Scheme Submitted	Total	Proposed amount in Rs.
1	AICTE (R R Gaur Excellence Award)	1	0
2	AICTE Swayam MOOC	14	0
3	AICTE-ATAL -FDP	5	1500000
4	Atomic Energy Research Board	1	1162250
5	DST Travel grant	1	2000
6	ISRO Respond	1	2892480
7	NCW	5	793500
8	DST- Nidhi Prayas	1	12000000
9	SERB-CRG	9	7877870
10	SERB-SUPRA	3	10599248
11	UGC MOOC	3	0
Total Rs.		44	3,68,27,348

• **Grants received from Government Agencies (Last One Year)**

Sr. No.	Scheme Submitted	Title	Amount Received in Lakh
1	2021 Region-10 Call for Capacity Building Workshop under Educational Activity	Workshop on IoT, Applications using Embedded System	0.185
2	Call for Project Proposals for IEEE CIS Chapters	"IEEE CIS #Diversity Matters"	2.23
3	AICTE Youth Undertaking Visit for Acquiring Knowledge (YUVAK) Scheme	ATAL TUNNEL under the AICTE Youth Undertaking Visit for Acquiring Knowledge (YUVAK) Scheme	2.0
4	AICTE Mentor mentee	Mentoring the mentee Institutes	2.25
5	Department of Biotechnology (DBT)	Recent trends of Biotechnology in Engineering	0.32
6	Yukti 2.0	Garbage Picking Machine	9.0
7	IEEE Society on Social Implications on Technology (SSIT) chapter	Organizing Hackathon & presentation activity	0.28
8	IEEE Computational Intelligence Society	Organizing Events	0.35
9	UGC NAAC	National level Workshop on NAAC DVV Verification	0.3
10	District Aids Prevention & Control Unit (DAPCU) G.H. Nagpur	HIV - T.B. Short Video Film	0.2
11	Mahatma Gandhi National Council of Rural Education	One District One Green Champion Award	0.05
12	Unnat Bharat Abhiyan	Smart chairside TMJ examination and muscle activity detector tool	1.0
13	District Aids Prevention & Control Unit (DAPCU)	Mass Making Competition, Selfi with Slogan, Short Video Film Making on HIV AIDS	0.28
Total Amount Received Rs. (In Lakhs)			18.39

GB congratulated the Institute for receiving such prestigious grants.

Agenda No. 8/41	Variation of Intake Session 2022-23
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Member Secretary presented the Variation of Intake (AICTE Approval Process 2022-23)

Program	Existing Intake	Proposed Intake
Increase in Intake		
B. Tech. in Computer Science and Engineering (AIML)	60	120
New Program		
B. Tech. in Computer Science and Engineering (AI)	NA	60
Reduction in Intake		
B. Tech. in Civil Engineering	90	60
B. Tech. in Mechanical Engineering	90	60

Member Secretary also briefed about the reduction of intake in various PG (M.Tech.) programme to the Governing Body.

Agenda No. 9/41	Achievements and accomplishments of the Institute (Faculty & Student) – Since last GB
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Member Secretary presented the achievements and accomplishments of the Institute (Faculty & Student) – Since last GB

1. Mr. Atharva Peshkar 8th Semester student of Information Technology received stipend of USD 26961.28 for admission in full time PhD Degree Program in University of Colorado, Boulder, USA on 28th May 2022.
2. Project titled "Design of Autonomous Mobile Robot for Agriculture Applications" has won 1st PRIZE in the Gramtech Competiton organized by Gramayan Pratishtan under RTMNU, Nagpur on 28th May 2022.
3. Project titled "Design of Leaf (Cotton) Disease Detection and Pesticides Recommendation System Using Convolutional Neural Network" Students from Electronics and Telecommunication Department has won 1st Prize at National Level Project Competition organized by Jhulelal Institute of Technology Nagpur on 27th May 2022.
4. Project titled, "Design and Fabrication of small scale sesame thresher" received Cash prize Rs.6500/- and Certificate in National Level Project competition BVPROTECH-2022 organized by College of Engineering, Bharathi Vidyapeeth (Demmed to be University) Pune on 21 May 2022.
5. Project titled "Design of Autonomous Mobile Robot for Agriculture Applications" has won 1st PRIZE of Rs 10k in the INTECH 2K22 a National level project competition organized by K J Somaiya College of Engineering, Mumbai on 20th April 2022.
6. Yash Gulhane won championship trophy with 3 Gold Medals in Khasdar Krida Mahotsav 2022 on 22nd May 2022.

7. Outstanding Academic Achievement International Award 2022 received to "Dr. Balchandra V. Khode" from Kamarajar Institute of Education and Research, Theni, Tamil Nadu, India on 20th April 2022.
8. Harpreet Singh Randhawa Team Got 3TH position (bronze medal) in junior National Handball championship held at Vijaywada, Andhra Pradesh from 31 March to 5th April 2022.
9. Adarsh Suryawanshi (AI) 6th semester & Tejas Kotgire (IT) 1st Sem for securing Winner & Runner Up positions in Google Event on 30th March 2022.
10. Certificate of Appreciation presented to G H Raisoni College of Engineering, Nagpur for active participation in National Intellectual Property Awareness Mission (NIPAM) launched by the Govt. of India.
11. Grant of Autonomous status by UGC New Delhi and Confrontment by Affiliating RTM Nagpur University Nagpur for 10 years up to 2031-2032.

GB congratulated the Institute for the achievements.

Member Secretary presented the summary of Indexed International Conference conducted/ planned and FDP and workshop conducted after last GB meeting

Title & Convener	Dept.	Dates	Status
10th International Conference on Emerging Trends in Engineering Technology signal and information processing (ICETET SIP – 2022)	ETRX + ETC	29 th & 30 th April 2022	Executed
International Conference on Indigenous Practices in Business ICIPB-2022	MBA	6th & 7th May 2022	Executed
International Conference on advances in Mechanical Engineering (ICAME-2022)	ME	27th & 28 th May 2022	Executed
International Conference on Emerging Trends in Civil Engineering (ICETCE-2022)	CIVIL	8th & 9th July 2022	254 Paper received, review process Completed, Scopus and Wos indexed lop series

1) 10th IEEE International Conference on Emerging Trends in Engineering & Technology Signal and Information Processing (ICETET SIP)_2022 was held on 29-30 April 2022

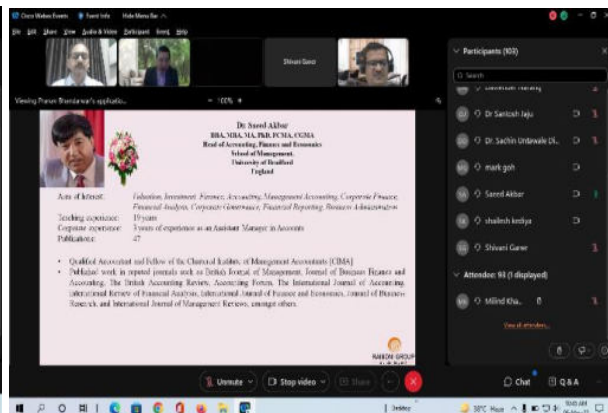
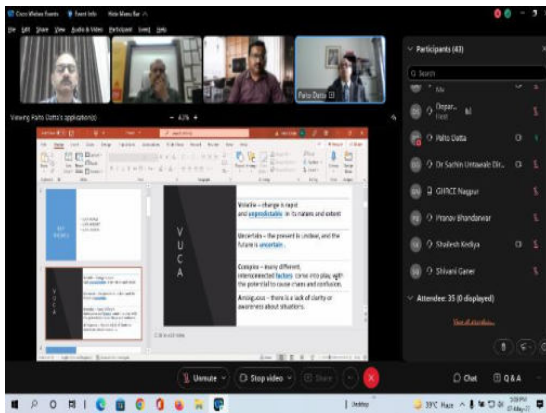
The conference was technically sponsored by IEEE. Broadly covered areas of conference were Signal Processing, Communication, AIML, Biomedical Engineering, IoT etc. Chief Guest Dr. V. M. Gadre, Professor, Department of Electrical Engineering, IIT Bombay, Guest of Honors, Dr. Satyanarayan Bheeshte, Scientist, TIFR, Mumbai.



- **No. of Papers received : 276**
- **No. of Papers Accepted : 161**
- **Registered Papers : 125**
- **Papers presented : 125**

2) International Conference on Indigenous Practices in Business “ICIPB-2022”, was organized by Department of Management Studies on 6th and 7th May 2022.

The conference proceeding is published with ISBN number. The selected papers will be published in reputed Journals. **Chief Guest Dr. Mark Goh** Research Director, Department of Decision Sciences, School of Business, National University of Singapore, Singapore. **Guest of Honors Dr. Saeed Akbar** Head of Accounting, Finance and Economics, School of Management, University of Bradford, England. **Dr. Daviender Narang, Director**, Jaipuria Institute of Management, Ghaziabad.



No. of Papers received : 101 and Registered Papers : 60
Paper presented through Webex: 60

3) International Conference on Advances in Mechanical Engineering ICAME-2022 was organized by Mechanical Engineering Department on 27th and 28th May 2022.

The conference proceeding will be published by IOP-Material Science & Engineering. Chief Guest Dr. Manoj Gupta, Associate Professor of Mechanical Engineering, National University of Singapore. Dr. Vinod Kumar Sharma Senior Scientist, ENEA Research Centre, Trisaia, Italy. Guest of Honor Dr. Sukanta Roy, Associate Professor Head of Mechanical Engineering Department, Curtin University, Malaysia.

Registered Papers : 55
Paper presented through Webex: 55



4) NAAC Sponsored Two Days National Level Workshop on “NAAC Accreditation System with Effective DVV process” Organized by Internal Quality Assurance Cell on 13th – 14th May, 2022 (Hybrid Mode)

- Chief Guest Dr. Devender Kawday, Adviser, NAAC, Bengaluru
- Total participants : 415



5) One week FDP on “Digital Marketing”, 24th-28th May 2022



Department of Management Studies in association with Indian Society for Technical Education (ISTE), New Delhi, conducted One week short faculty Development Program on “Digital Marketing” from 24th -28th May 2022. Chief Guest was Mr. Vaibhav Ganjapure, Asst. Editor, Times of India, Nagpur. Guest of honor Mr. Devesh Bohre, Senior Functional Consultant, Infosys Limited, Toronto, Canada. Total Participants: - 221.

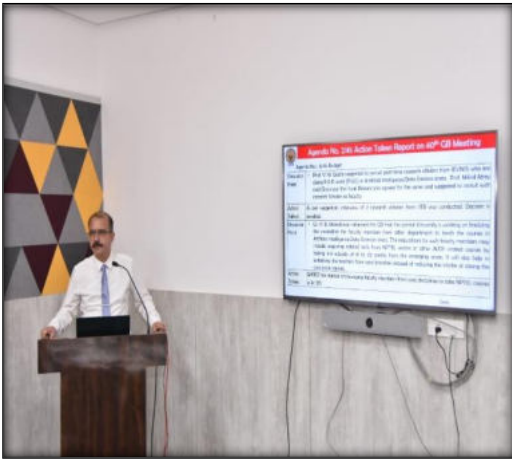
[C] Any other matter with the permission of Chair

1. Draft Annual Quality Assurance Report (AQAR 2021-22): Member Secretary, Dr. Sachin Untawale informed the GB that the draft AQAR 2021-22 is prepared by the IQAC, GHRCE and is ready to be submitted to NAAC. Permission was bestowed by the GB Members.

As there was no further point to discuss, the meeting ended with vote of thanks by the Member Secretary.

Sd/-
Prof. Sachin Untawale
Member Secretary

Glimpse of 41st Meeting of Governing Body 30th June 2022





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(An Autonomous Institute Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Dual Accreditations NAAC "A+" Grade & NBA (Tier-I) Accredited Departments

Ranked 130th by NIRF, MoE in the Engineering category for India Ranking-2021

Ranked 1st by ARIIA 2021, MoE in Private /Self Finance Institute Technical, 4 Star Rating by MIC, MoE



MINUTES OF 40th MEETING OF GOVERNING BODY

The 40th meeting of Governing Body of G H Raison College of Engineering, Nagpur was held on 28th March 2022 at 12:30 pm online through WebEx platform. The following Members were present in the meeting:

S.N.	Name of Member	S.N.	Name of Member
1	Shri. Sunil Raison	10	Mr. R. Muralidharan
2	Prof. U. B. Desai	11	Prof. P. B. Maheshwari
3	Prof. V. M. Gadre	12	Mr. Abhishek Vidyabhanu
4	Mr. Sujit Banerjee	13	Prof. P.V. Walke
5	Prof. Milind Atrey	14	Prof. M. M. Khanapurkar
6	Mr. Neelesh Kumar Jain	15	Prof. S. B. Jaju
7	Dr. M .B. Daigavane	16	Prof. D. V. Padole
8	Mr. Arvin Kumar	17	Prof. Sachin Untawale
9	Ms. Renu Rajani		

Prof. P. M. Padole and Prof. Dinesh Panjwani could not joined the meeting due to other assignments.

Member Secretary & Director GHRCE Prof. Sachin Untawale accorded a welcome to all Honorable Governing Body Members for 40th Governing Body Meeting.

The meeting was chaired by Mr. Sunil Raison, Chairman, GB, GHRCE.

Director-GHRCE Uday Desai Uday Desai Raison Group Of Institut Prof Milind Atrey

G H Raison College of Engineering, Nagpur
(An Autonomous Institute Affiliated to R.T.M. Nagpur University, Nagpur)

Welcomes
Honorable Members
for
40th Meeting of Governing Body
28th March 2022

RAISONI GROUP
a vision beyond

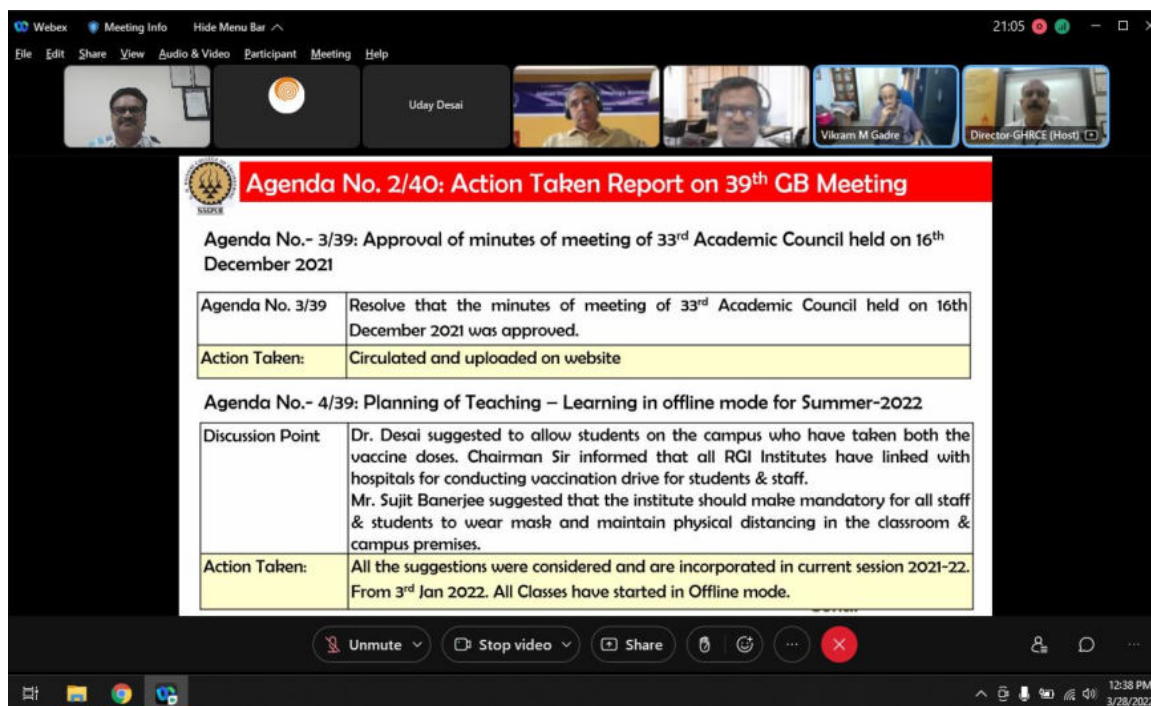
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Action Taken Report of 39th GB Meeting	
Actionable Point	Action Taken
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Agenda No.-2/39: Action Taken Report on 38 th GB Meeting held on 31 st July 2021	Circulated and uploaded on website
Agenda No.- 3/39: Approval of minutes of meeting of 33rd Academic Council held on 16th December 2021	Action Taken
Resolved that the minutes of meeting of 33 rd Academic Council held on 16th December 2021 were approved	Circulated and uploaded on website
Agenda No.- 4/39: Planning of Teaching Learning in offline mode for Summer 2022	Action Taken
Dr. Desai suggested to allow students on the campus who have taken both the vaccine doses. Chairman Sir informed that all RGI Institutes have linked with hospitals for conducting vaccination drive for students & staff. Mr. Sujit Banerjee suggested that the institute should make it mandatory for all staff & students to wear mask and maintain physical distancing in the classroom & campus premises.	All the suggestions were considered and are incorporated in current session 2021-22. From 3 rd Jan 2022. All Classes have started in Offline mode.
Agenda No.- 5/39: Various grants applied and sanctioned	Action Taken
Dr. P. B. Maheshwari informed about KAPILA Scheme grants which is applicable for patent filing.	GHRCE has applied for KAPILA Scheme. Ten applications were filed for patents under this scheme. Rs. 5600/- per application will be reimbursed to the institute under the scheme. Additional 15 applications were filed for patent.

Prof. Gadre suggested to submit the Government grant proposal with involvement of other National Institute like COE Pune, VIT Pune, VNIT Nagpur etc.	Proposals along with National institutes have been identified for application to funding agencies.
Agenda No.- 6/39: Achievements and accomplishments of the Institute (Faculty & Student)	Action Taken
Prof. Vikram Gadre suggested to issue letter of appreciation to Students who have received awards at national level.	Suggestion are incorporated and Appreciation letters have been given to all awardee students.

Resolution No. 2/40	Resolved that the Governing Body unanimously approved the Action Taken Report on 39th Meeting of Governing Body held on 25th Dec. 2021.
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Agenda No. 3/40	Panel of Examiners for Summer 2022 examinations
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Member secretary presented the summary of panel of examiners for Summer 2022 examinations

Sr. No.	BoS / Department	Paper Setter's Panel Received		Total Paper Setter	Percentage of Paper Setter's	
		Internal Paper Setter	External Paper Setter		Internal Paper Setter	External Paper Setter
A : For UG Courses						
1	First Year	44	26	70	63%	37%
2	Civil Engineering	76	46	122	62%	38%
3	Mechanical Engineering	97	56	153	63%	37%
4	Electrical Engineering	35	28	63	56%	44%
5	Electronics / Electronics & Telecommunication Engg.	47	22	69	68%	32%
6	Computer Science & Engineering	47	27	74	64%	36%
7	Information Technology	20	10	30	67%	33%
8	Artificial Intelligence / Data Science	23	10	33	70%	30%
Total for UG Courses		389	225	614	63%	37%
Overall (UG)		389	225	614	63%	37%

The screenshot shows a Zoom meeting window. At the top, there is a meeting title bar with 'Webex Meeting Info' and 'Hide Menu Bar'. Below that, a toolbar contains 'File', 'Edit', 'Share', 'View', 'Audio & Video', 'Participant', 'Meeting', and 'Help'. The main area displays a presentation slide with the following content:

Agenda No. 3/40: Panel of Examiners for Summer 2022 examinations

Sr. No.	BoS / Department	Paper Setter's Panel Received		Total Paper Setter	Percentage of Paper Setter's	
		Internal Paper Setter	External Paper Setter		Internal Paper Setter	External Paper Setter
A : For UG Courses						
1	First Year	44	26	70	63%	37%
2	Civil Engineering	76	46	122	62%	38%
3	Mechanical Engineering	97	56	153	63%	37%
4	Electrical Engineering	35	28	63	56%	44%
5	Electronics / Electronics & Telecommunication Engg.	47	22	69	68%	32%
6	Computer Science & Engineering	47	27	74	64%	36%
7	Information Technology	20	10	30	67%	33%
8	Artificial Intelligence / Data Science	23	10	33	70%	30%
Total for UG Courses		389	225	614	63%	37%
Overall (UG)		389	225	614	63%	37%

At the bottom of the Zoom window, there is a control bar with 'Unmute', 'Stop video', 'Share', and other icons. The system tray at the very bottom shows the time as 12:40 PM on 3/28/2022.

Member secretary presented the new programme & reduction in intake for session 2022-23

New programme for session 2022-23

Programme	Intake
B. Tech. Computer Science and Engineering (Artificial Intelligence)	60

Change in the name of the courses for session 2022-23

Sr.	Level	Current Courses Name	Change in the name of the courses	Intake
1	UG	B. Tech. Data Science	B. Tech. Computer Science & Engineering (Data Science)	60

Increase in intake for session 2022-23

Programme	Current Intake	Increase in intake
B. Tech. Computer Science and Engineering (Artificial Intelligence & Machine Learning)	60	120

Reduction in intake for session 2022-23

Sr.	Level	Branch Name	Current Intake	Reduction in intake
1	UG	B. Tech. Mechanical Engineering	90	60
2	UG	B. Tech Civil Engineering	90	60
3	PG	M. Tech. CAD-CAM	18	12
4	PG	M. Tech. Integrated Power System	18	12
5	PG	M. Tech. Computer Science & Engineering	18	12
6	PG	M. Tech. VLSI	18	12
7	PG	M. Tech. Communication Engineering	24	12
8	PG	M. Tech. Structural Engineering	24	18
9	PG	M. Tech. Defence Technology	24	12

Member Secretary also presented Seats for NRI & supernumerary seats for OCI/PIO/Foreign Nationals/Children of Indian workers in Gulf Countries

Member Secretary presented the Budget for the session 2022-23

Budget

- Posts for Teaching
- Implement the fees for new session approved by competent authority.
- Examination budget
- Research & Development budget
- College budget

Programme	Intake	Faculty requirement
UG (Information Technology)	180	180+180+180
UG (Artificial Intelligence)	120	120+120+60
UG (Data Science)	60	60+60+00
UG (CSE - AIML)	60	60
UG (CSE – Cyber Security)	60	60
UG (CSE – IOT)	60	60
UG (First Year)	1080 [1140]	120 (new)
Total: 44 Faculty		

- Member Secretary presented the requirement of faculty members for new courses starting from the session 2022-23.
- As there are no specialized faculty available in Artificial Intelligence areas, Prof. V. M. Gadre suggested to recruit part time research scholars from IITs/NITs who are doing R & D work (Ph.D.) in Artificial Intelligence/Data Sciences areas. Prof. Milind Atrey and Chairman Shri Sunil Raisonni also agreed for the same and suggested to recruit such research Scholars as faculty.
- Dr. P. B. Maheshwari informed the GB that the parent University is working on finalizing the modalities for faculty members from other department to teach the courses in Artificial Intelligence/Data Sciences areas. The regulations for such faculty members may include acquiring related skills from NPTEL exams or other AI/DS related courses by taking 4-5 subjects of 18 to 20 credits from the emerging areas. It will also help in sustaining the teachers from core branches instead of reducing the intake or closing the core areas courses.

- Prof. Desai suggested not to reduce the intake of core branches, instead advised to update the syllabus and scheme as per the demand in Market. Introduce new subjects like Electric Vehicles, Hydrogen fuel, Green energy, Artificial Intelligence, Machine learning etc. in core branches.
- Dr. Sachin Untawale assured all members that Institute will arrange training for the faculty members of related branches like Electronics, Electronic & Telecommunications, Electrical so that they can be equipped to teach 20% to 30% syllabus of AI/Data Science / Computer Science & Engineering disciplines.
- Dr. P. B. Maheshwari suggested to increase the R & D budget for first year as he pointed out that R & D budget allocated for first year is less as compared to other department as the intake is 1000 plus. Chairman Shri Sunil Rasoni agreed for same and give approval for increasing the R&D budget of first year.

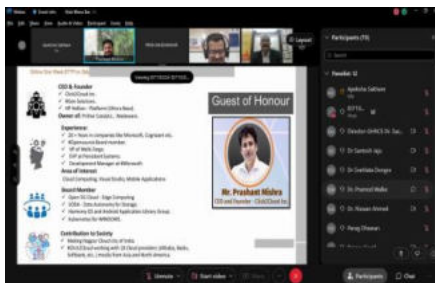
[B] Items for Information

Agenda No. 6/40	Achievements and Accomplishments of the Institute (Faculty & Student) – Since last GB
	Member Secretary presented the Achievements and accomplishments of the Institute (Faculty & Student) – Since last GB.
	<ol style="list-style-type: none"> 1. GHRCE received 1st Rank across India in ARIIA-2021 (Atal Ranking of Institutions on Innovation Achievements) among Private / Self-Finance College / Institute. 2. GHRCE received a financial assistance of Rs. 32000 from Department of Biotechnology (DBT) for Conference, Travel, Exhibition and Popular Lectures (CTEP), Government of India. 3. GHRCE received a Grant of Rs. 2 lakh for Study Tour of ATAL Tunnel under the AICTE Youth Undertaking visit for Acquiring knowledge (YUVAK). 4. IQAC cell received grant of Rs.30000 from UGC NAAC for conduction of 2 days online workshop on NAAC DVV process. 5. Project titled “Design of Autonomous Mobile Robot using Swarm Intelligence for Agriculture Application” got second prize of Rs.7000 in International project competition VISAI-2022, organized by Vel-tech University, Chennai (ETC dept. guided by Dr. Jajulwar). 6. Project titled, “Design and Development of Coco-peat Making Machine got Third prize of Rs.5000 in International project competition VISAI-2022, organized by Vel-tech University, Chennai (Mechanical Dept. guided by Dr. Awate). 7. UG student paper received *Best Paper Award* and *Best Technical Session Award* in International Conference on Futuristic Advancements in Materials, Manufacturing and Thermal Sciences *(ICFAMMT 2022)* held at Institute of Infrastructure Technology Research and Management, Ahmedabad, India on January 22, 2022. 8. Mr. Saurabh Sawarkar student of IT dept. won Gold medal in RTMNU weight lifting competition. 9. Devansh Ratti, student of Data Science dept. received 1st place in Chess competition of "State Level Sports Summit" organized on 27th to 29th Dec. at G H Rasoni University, Saikheda, MP and Won cash prize of Rs. 5000/- 10. Two Team from GHRCE selected as world finalists for Microsoft's Imagine Cup 2022. (Team 1 Atharva Khedkar, AI, Atharva Peshkar IT, Aniket Singh, AI and Rishita Mishra , ETC) (Team 2 Chinmay Naik, CSE Alumni). Teams will represent India in world finals. 11. Mr. Jayant Rakhade EE Dept. won Gold medal in RTMNU, Fencing competition.

12. Ms. Manvi Tiwari student of IT won Bronze medal in RTMNU Fencing Competition.
13. Mr. Devesh Kumar Bawankar Student of Mech. Engineering was selected in RTMNU for All India University Championship (Martial Arts).
14. Mr. Inderjeet Randhawa appointed as a coach for Indian Handball team & is currently participating in Asian Beach Handball Competition.
- GB members congratulated the institute for receiving such prestigious achievements and grants.

- Member Secretary, Dr. Sachin Untawale briefed about One week STTP on Data Science with Statistical Methods using Python (DSSMP 2022), International AI Summit 3.0 and International Symposium for students on WEB 3.0.

One week STTP on Data Science with Statistical Methods using Python (DSSMP 2022)



International Symposium for students on WEB 3.0



Third International AI Summit



[C] Any other matter with the permission of Chair

- Prof. M. Atrey suggested to form a taskforce to take one large-scale project by the entire Institute including students and faculties from different departments for the benefit of Nagpur City. The project will be multidisciplinary and may cater to problems related to cotton, oranges or agricultural products using IOT, AI, Data Science, Mobile monitoring, Temperatures controlling etc.
- Mr. R. Muralidharan suggested to include the topics related to Fuel Cell, Hydrogen Vehicle, and Solar cell in curriculum for core programme like Mechanical Engineering.
- Prof. Desai agreed on the suggestions given by Mr. Muralidharan to include above contents in curriculum of UG Mechanical, Electrical & Civil Engineering Programme based on latest technology used by industry.
- Mr. A. Vidyabhanu informed that his group are working on Toyota Mirai hydrogen fuel vehicle and in case taskforce need any help for the multidisciplinary project, his experts from production plant or the R&D team will definitely help to mentor the team of GHRCE.
- Prof. Milind Atrey asked about the research proposal submitted, proposal sanctioned & big equipment purchased from last GB meeting. Member Secretary assured that detail presentation related to R&D including grants sanctioned , index publications will be given in next GB meeting

As there were no further points to discuss, the meeting ended with vote of thanks by the Member Secretary.

**Sd/-
Prof. Sachin Untawale
Member Secretary**



G H RAISONI COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

Accreditation NAAC "A+" Grade

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MINUTES OF 39th MEETING OF GOVERNING BODY

The 39th meeting of Governing Body of G H Raisoni College of Engineering, Nagpur was held on 25th December 2021 at 10:30 am online through Webex platform due to COVID -19. The following Members were present in the meeting:

S.N.	Name of Member	S.N.	Name of Member
1	Shri. Sunil Raisoni	8	Prof. P. B. Maheshwari
2	Prof. U. B. Desai	9	Mr. Abhishek Vidyabhanu
3	Prof. V. M. Gadre	10	Prof. P.V. Walke
4	Mr. Sujit Banerjee	11	Prof. M. M. Khanapurkar
5	Ms. Renu Rajani	12	Prof. S. B. Jaju
6	Dr. M .B. Daigavane	13	Prof. D. V. Padole
7	Mr. R. Muralidharan	14	Prof. Sachin Untawale

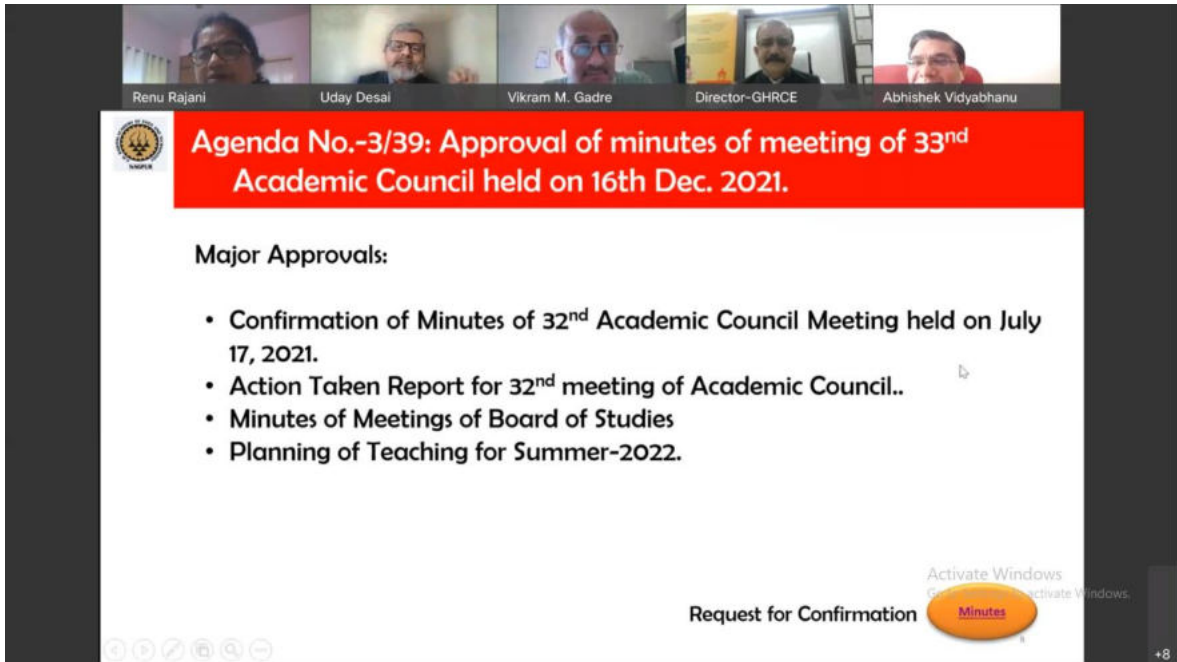
Prof. Milind Atrey, Mr. Arvin Kumar, Prof. P. M. Padole, Prof. Dinesh Panjwani and Mr. Neelesh Kumar Jain were absent due to other assignments.

Member Secretary & Director GHRCE Prof. Sachin Untawale introduced all the Honorable Governing Body Members and accorded a welcome to the august members for 39th Governing Body Meeting and the meeting was chaired by Mr. Sunil Raisoni.

[A] Items for Approval

The following are the minutes of discussion:

Agenda No. 1/39	Confirmation of the minutes of the 38th meeting of Governing Body held on 31st July 2021
Member Secretary presented Minutes of Meeting of 38 th Governing Body Meeting.	
Resolution No. 1/39	Resolved that the Governing Body unanimously approved the minutes of 38 th meeting held on 31 st July 2021.
Agenda No. 2/39	Action taken report on the minutes of the 38th meeting of Governing Body
Member Secretary presented Action Taken Report of 38 th Governing Body Meeting.	
Action Taken Report of 38th GB Meeting	
Actionable Point	Action Taken
Agenda No.-1/38: Approval of Minutes of 37 th GB Meeting held on 27 th March 2021	Circulated and uploaded on website
Agenda No.-2/38: Action Taken Report on 37 th GB Meeting held on 27 th March 2021	Circulated and uploaded on website
Agenda No.- 3/38: Approval of minutes of meeting of 32nd Academic Council held on 17th July 2021	Action Taken
Prof. Desai suggested to offer NSS, NCC and NSO as Open Elective and permit students to choose any one among the list. All the members agreed on the suggestion.	All the suggestions were considered and will be implemented as per the scheme.
Agenda No.- 4/38: To approve the list of Graduands for 7th passing certificate distribution ceremony	Action Taken
Member secretary presented the overall summary list of Graduands for 7 th passing certificate distribution ceremony as per the statistics.	Governing Body approved the list of Graduands. The approved list of Graduands was uploaded on website by Dean Academic.
Agenda No.- 5/38: Teaching –Learning methodology adopted	Action Taken
Member Secretary presented the Teaching–Learning methodology adopted by the institute for current session as per the suggestions given by Hon. Members in previous meeting.	All the suggestions were considered and are incorporated in Even term 2022.
Agenda No.- 6/38: Various grants applied and sanctioned	Action Taken
Prof. Desai suggested to work on increasing the amount of awards received by the institution.	All the suggestions were considered. Lot of effort taken by Department to prepare more proposal

	and submitted to government agency through the R&D Cell.
Resolution No. 2/39	Resolved that the Governing Body unanimously approved the Action Taken Report on 38th Meeting of Governing Body held on 31st July 2021.
Agenda No. 3/39	Approval of minutes of meeting of 33rd Academic Council held on 16th December 2021.
Member secretary presented the minutes of Meeting.	
Major Approvals	
<ul style="list-style-type: none"> • Confirmation of Minutes of 32nd Academic Council Meeting held on July 17, 2021. • Action Taken Report for 32nd meeting of Academic Council. • Minutes of Meetings of Board of Studies • Planning of Teaching for Summer-2022. 	
	
Resolution No. 3/39	Resolve that the minutes of meeting of 33rd Academic Council held on 16th December 2021 was approved.
Agenda No. 4/39	Planning of Teaching – Learning in offline mode for Summer-2022.
Planning of Teaching – Learning for Even Term : Summer-22 (2021-22)	
<ul style="list-style-type: none"> • Planning for offline/ On-campus teaching – learning • To follow the Guidelines & Notifications of Government Authorities regarding COVID-19 	
Academic Calendar – Session : 2021- 22 : Even Term – Summer - 22	
<ul style="list-style-type: none"> • Commencement of classes 	

- ❖ IV Semester / VI Semester : Monday, January 03, 2022
- ❖ VIII Semester (Semester Internship) : November 25 - December 10, 2021
- ❖ I Semester: December 22, 2021 (Student Induction Program)
- End Semester Examination Summer-22 : April 18 – May 31 , 2022
- End Semester Examination Vacation Summer -22: July 1-15, 2022.

Session 2022-23: Odd Term – Winter 22: Commencement: July 17, 2022

- Dr. Desai suggested to allow the students in the campus who have taken both the vaccine dose. Shri. Raison sir informed to house that all the RGI Institutes have joined with the hospital to conduct drive for students & staff vaccination. Mr. Sujit Banerjee suggested that the institute will make mandatory to all staff & students to wear a mask and maintain a physical distance in the classroom & campus premises.
- Dr. Sachin Untawale informed to committee members about the classes in offline mode in campus. Even if institute permit some students for online mode, no one join for offline classes.
- Dr. Gadre suggested to add IIT, Hyderabad faculty member on BoS of AI department.
- Dr. Desai will help to suggest the name of faculty from IIT , Hyderabad for BoS of AI Department.
- Dr. Gadre suggested to use blended system of teaching for NPTEL courses.
- Dr. Desai suggested that in case of placement of student, consider his/her first two month as an Internship even student joined as a regular employees in same industry. Shri. Sunilji Raison also approved the same in benefit of students.

6/32	Mapping of NPTEL courses with curriculum courses for Winter-2021.	Council suggested not to offer the conventional courses through NPTEL.	• NPTEL courses on latest interdisciplinary trends & emerging technologies are offered across the departments.
7/32	Online Mode Teaching-Learning: Even Term Summer-2021		Council appreciated the efforts.
7.a/32	Conduction of Elective Courses by Industry Experts		Members of the council appreciated the efforts of the institute.
7.b/32	Courses Offered through NPTEL		
7.c/32	Peer Teaching Details		
7.d/32	Detention Details		
8/32	ESE Planned and Executed since last meeting	The details of End Semester Examinations planned and executed since last meeting of council were presented by Member Secretary.	
9/32	Result Details of ESE Winter-20 & Summer-21	The result details of End Semester Examination Winter 2020 and Summer 2021 were presented.	
10/32	Details of Summer Term-2021 (Online Mode).	Details of department wise registrations in	

Resolution No. 4/39	Resolved that the Governing Body approved Planning of Teaching – Learning in offline mode for Summer-2022.
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[B] Items for Information

Agenda No. 5/39	Various grants applied and sanctioned
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Member Secretary presented the Grants applied and received from Government Agencies.

Various grants applied from Government Agencies:

Sr. No	Scheme Submitted	Total	Tentative amount in Rs.
1	Council of Scientific and Industrial Research Human Resource Development Group (CSIR-HRDG)	1	41,000
2	ATAL INCUBATION CENTRE (RAISE) - IEDC center for innovation, creativity and entrepreneurship	1	33,00,000
3	DST - Advanced Manufacturing Technologies (AMT) Program	1	49,56,376
4	DST- Scheme for Young Scientists and Technologists (SYST)	2	29,64,560
5	India Japan Science and Technology Cooperation	1	4,90,000
6	INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH	1	14,97,000
7	LONDON Mathematical Society small Education Grants	1	75,000
8	MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY (MeitY)	1	1,10,000
9	National Commission For Women	1	1,00,000
10	SERB-POWER Grant	3	66,39,957
11	UGC-CPE	1	1,50,00,000
12	WTT Call 2021- Desalination Technology	1	75,60,000
13	SERB- CRG (special call on exponential Technologies)	2	3,24,66,000
Total Rs.		17	7,56,89,573

Grants received from Government Agencies:

Sr. No.	Scheme Submitted	Title	Amount Received in Lakh
1	RTMNU ,Rajiv Gandhi Science & Technology Commission	Design & Implementation of free simless mobile Femtocell Network for Rural	2.69
2	RTMNU ,Rajiv Gandhi Science & Technology Commission	Real Time Remote Patient Monitoring System	2.0
3	RTMNU ,Rajiv Gandhi Science & Technology Commission	Design and Development of Alternative Communication System	3.50

		for Paralyzed /Physically disabled Person.	
4	RTMNU ,Rajiv Gandhi Science & Technology Commission	Distance Education System for Deaf & Dumb Children	3.0
5	AICTE	AICTE-SPICES Scheme for Promoting Interest, Creativity & Ethics among students	1.0
6	IEEE	Workshop on IoT	0.40 [USD 500]
7	IEEE CIS Society	Project-Diversity matters	2.25 [USD 3017.50]
8	IEEE CIS Society	Internship Grant	0.80 [USD 1000]
Total Amount Received in Lakhs			15.65

Dr. P. B. Maheshwari informed to house about Kapila Scheme grants which is applicable for patent filing.

Prof. Gadre suggested to submit the Government grant proposal with involvement of other National Institute like VIT Pune. Prof. Untawale informed that one DST proposal is already submitted with BeTIC Lab. IIT, Mumbai.

House has congratulated the Institute for receiving the grants.

Agenda No.	Publication status
6/39	

Member Secretary presented the status of Publication.

Publications 2021 (Aug. - Dec. 2021)

Category	Publications	ETRX	ETC	CSE	IT	FY	EE	CIVIL	MECH	AI	MBA	Total
Google Scholar	Int. Journal	0	0	0	0	1	0	0	0	0	0	1
	Int. Conf.	0	0	0	2	0	1	1	0	0	0	4
Scopus	Int. Journal	0	0	0	0	1	0	0	1	1	0	3
	Int. Conf.	3	1	5	2	0	6	7	5	4	4	37
WOS	Int. Journal	0	1	1	0	2	0	0	7	1	0	12
	Int. Conf.	0	0	0	3	0	0	2	0	0	0	5
Total		3	2	6	7	4	7	10	13	6	4	62

Publications 2021 (Jan- July 2021)

Category	Publications	ETRX	ETC	CSE	IT	FY	EE	CIVIL	MECH	AI	MBA	Total
Google Scholar	Int. Journal	0	0	3	2	2	0	4	2	0	0	13
	Int. Conf.	0	0	1	4	0	0	28	8	0	1	42
Scopus	Int. Journal	1	2	4	0	0	1	0	2	4	0	14
	Int. Conf.	6	15	5	0	1	12	7	12	1	2	61
WOS	Int. Journal	0	6	2	0	17	1	0	1	0	0	27

	Int. Conf.	5	2	0	0	0	0	0	0	1	0	8
Total		12	25	15	6	20	14	39	25	6	3	165

Prof. Desai suggested to add only unique publications. Dr. S.B.Jaju (Dean R&D) informed all members that data shown by Member Secretary was about unique publication and the publications given in Scopus & WoS, not included in Google Scholar

Agenda No. 7/39	Planning of International Conference for session 2021-22
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Member Secretary presented Planning of International Conference for session 2021-22.

Title & Convener	Level	Department	Proposed Dates	Present stage of Preparation
International Conference on advances in Mechanical Engineering (ICAME-2022)	IC	Mechanical	14-15 Feb 2022	CFP is Ready, IOP indexing received
International Conference on Emerging Trends in Civil Engineering (ICETCE-2022)	IC	CIVIL	04-05 March 2022	CFP is Ready, IOP indexing received
10 th International Conference on Emerging Trends in Engineering Technology signal and information processing (ICETET SIP – 2022)	IC	ETRX + ETC	29 -30 April 2022	CFP is Ready, IEEE indexing received

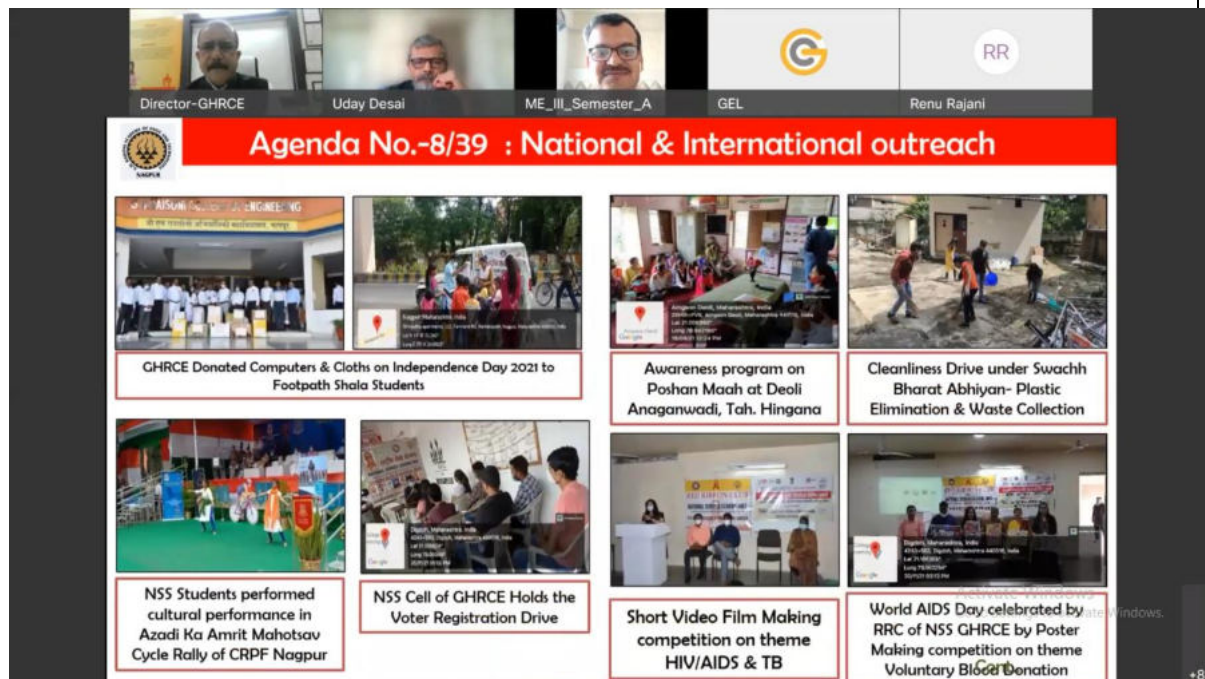
Agenda No. 8/39	National & International outreach
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Member Secretary presented the National & International outreach activities conducted by the Institute.

National outreach

- GHRCE Donated Computers & Cloths on Independence Day 2021 to Footpath Shala Students.
- Conducted Awareness program on Poshan Maah at Deoli Anaganwadi, Tah. Hingana
- Conducted Cleanliness Drive under Swachh Bharat Abhiyan- Plastic Elimination & Waste Collection.
- NSS Students performed cultural performance in Azadi Ka Amrit Mahotsav Cycle Rally of CRPF Nagpur.
- NSS Cell of GHRCE conducted Voter Registration Drive.
- NSS Cell of GHRCE conducted Short Video Film Making competition on theme HIV/AIDS & TB.
- World AIDS Day celebrated by RRC of NSS GHRCE by Poster Making competition on theme Voluntary Blood Donation.

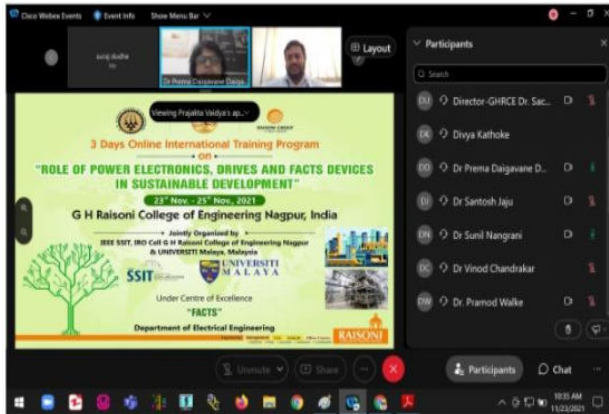
- NSS volunteers attended Self Defense & Disaster Management Workshop at SDRF, Nagpur.



International outreach

- Three Days International Short Term Training Program on Role of Power Electronics, Drives and FACTS Devices in Sustainable Development 23-25 Nov 2021
- Guest lecture on Artificial Intelligence for Wireless Internet-of-Things by Dr. Paolo Rocca, Associate Professor, Department of Information Engineering and Computer Science, Italy
- Guest lecture on Future opportunity for IT in Business & Management by Mr. Ajinkya Vyawahare on 24-Aug-21 for IT students.
- Guest lecture on Flash Memory by Dr. Preeti Kumari, Product Quality and Reliability Engineer at Micron Technology, Boise, Idaho, United States.
- International Software Training Session (PTV Software Suite) by Mr. Mahmoud Raoufi, Senior Traffic Engineer, WSP USA for Civil Engineering Students.
- Guest lecture on Techno Economic Analysis of Hybrid Renewable Energy Systems by Dr. Shubhashih Bhakta, Adams Science and Technology University Ethiopia on 11 Dec. 2021.
- Guest lecture on Sustainable Engineering for Pollution Prevention and Control by Dr. Krishna R. Reddy, Department of Civil, Materials and Environmental Engineering, University of Illinois, Chicago, USA on 2-Dec-21 for Civil Department students.
- Guest lecture on Machine Learning used in Oil and Gas sector by Dr. Filbert Juwono, Curtin University, Malaysia on 27-Nov-21.
- Guest lecture on Future Options for Energy Materials and Research for Sustainability by Dr. Vishal Bhimrao Zade, Post-doctoral Scholar | Rice University | Mechanical Engineering University of Texas, El Paso on 29-Oct-21.

1) Three Days International STTP on Role of Power Electronics, Drives and FACTS Devices in Sustainable Development 23-25 Nov 2021



Electrical Engineering dept. under Centre of Excellence on FACTS in association with IEEE SSIT Student Chapter, IRO Cell and UNIVERSITI MALAYA, Malaysia jointly conducted 3 days Online International Training Program on “Role of Power Electronics, Drives and FACTS Devices in Sustainable Development” from 23rd - 25th November 2021.

The Program was inaugurated in the presence of Chief Guest Dr. Mohammad Islam, University of Malaya (UM) Total Participants :- 110 participants

2) IEEE International conference on Computational Intelligence & Computing Applications 2021 was organized by IT, CSE & AI department combinely on 26th and 27th November 2021. The conference proceeding will be published by IEEE Xplore.

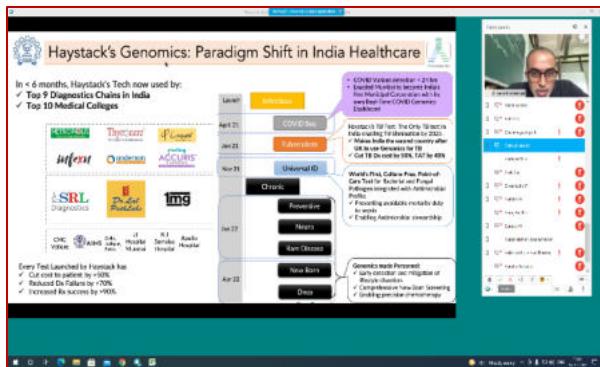


Chief Guest: Padma Shri Prof. R. M. Vasagam, World renowned Space Scientist, Ex-Director, APPLE-India’s First Geostationary Communication Satellite, ISRO, Bangalore. Ex-Director, Directorate of Advanced Technology & planning, ISRO-HQ, Bangalore. Chancellor, Dr. MGR Educational & Research Institute, Chennai. Chancellor, Karpagam University, Coimbatore. Ex-Vice Chancellor, Anna University, Chennai.

Guest of Honors: Dr. Satyanarayan Bheeshte, Scientist, Tata Institute of Fundamental Research, Mumbai

Program Committee Members total- 17
Review Committee: Internal: 31, External: 262
No. of Papers received: 224

3) Four Days DBT Sponsored Online Workshop on Recent Trends of Biotechnology in Engineering, 15th -18th December 2021



11 Eminent speakers had delivered their expertise. Notable are Dr. Mukesh Doble, IIT Madras, Dr.Rohit Srivastava, IIT Bombay, Dr. Kiran Kondabagil, IIT Bombay, Dr. Gopinath Packirisamy, IIT Roorkee, Dr.Santosh K. Misra, IIT Kanpur, Dr. Renu John, IIT Hyderabad, Dr Chandan Chakraborty, NITTR, Kolkatta and few more.

4 Days Online DBT workshop was inaugurated in the presence of Chief Guest Dr. Anita Aggarwal, Scientist F, Department of Science & Technology, Government of India and Guest of Honor, Dr. Abhay Kuthe, Professor, VNIT, Nagpur, Total Participants :- 104

4) One week short Term Training Program on “Sustainable Smart Cities; Developments, Opportunities and Challenges” 14th -18th Dec 2021



Civil Engineering Department and Centre of Excellence Smart city & ITS in association with IWWA, ACI & ACCI conducted One week short Term Training Program on “Sustainable Smart Cities: Developments, Opportunities and Challenges” from 14th - 18th Dec 2021.

The Program was inaugurated in the presence of Chief Guest Dr. Sabita Madhavi Singh, Joint Director Ministry of Jal Shakti, Department of Water Resource, New Delhi, GOI. Guest of honor Dr. Pawan Labhsetwar, Chief Scientist & Head WTMD, NEERI Nagpur. Total Participants: - 164 participants.

Agenda No. 9/39 Achievements and accomplishments of the Institute (Faculty & Student)

Member Secretary presented the Achievements and accomplishments of the Institute (Faculty & Student) of the Institute.

1. GHRCE Ranked 130th in NIRF (National Institutional Ranking Frame work) Ranking, Govt. of India for 2020-21.
2. GHRCE Ranked All India Rank 83 and State Rank 9 in IIRF-21.
3. GHRCE Ranked 83 in India Today MDRA survey 2021.
4. GHRCE Ranked 71 in private Engineering Colleges by Outlook ICARE Rankings 2021.
5. GHRCE Ranked 29 in OBE ranking 2021 by Worlds Institutional Ranking.
6. GHRCE Ranked AAAA (top 5 in the list): Career 360 Engineering Ranking 2021.
7. GHRCE received best college award by RTMNU under National Service Scheme (NSS).
8. GHRCE is selected as Mentor Institute under the Mentor- Mentee program by Ministry of Education, Innovation Cell. Only 50 Institution selected PAN India.

9. GHRCE Selected for AICTE - LITE Scheme (Leadership in Teaching Excellence from 475 Institute across 28 States).
10. GHRCE received the 'One District One Green Champion Award' given by Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India for carrying out year-long Swachhta Activities in Nagpur District. At the hands of Shri Dayashankar Tiwari, Mayor, Nagpur on 21st August 2021.
11. GHRCE NSS volunteers received first prize (cash Rs. 5000/-) in Quiz competition on HIV/AIDS/TB/Blood donation organized by Annasaheb Gundewar College, Nagpur.
12. GHRCE-IEEE CIS team has received a Bronze medal for the Darell Chong Student Activity Award for their activity IEEE # Power Every-one. It is an IEEE region 10 (Asia Pacific Region) Award on 13th October.
13. Prof. Mangesh Bhorkar received best NSS officer award by RTMNU under National Service Scheme (NSS)
14. Dr. Sachin Untawale has been awarded Prestigious Dr. S Radhakrishnan Bharat Shiksha Award on the occasion of Teachers Day for his outstanding contribution in leadership in Engineering Institute on 5th September 2021
15. Mr. Aryan Sahu of ETRX dept. was first winner of the National Level coding competitions organised by IEEE Bombay Section TPAC and NIT Raipur.
16. GHRCE Incubatee Mr. Nihal Wargantiwar received Rs. 9 Lakhs grant for innovative project Garbage Picker Machine by Ministry of Education GOI under YUTI-2 scheme.
17. Dr. B.V. Khode, Professor & Head of Civil Dept. received 3rd international Academic and research Excellence Award on 7th September 2021.
18. Ms. Surmai Mukherjee student of VII Sem. ETC dept. received award of best delegate at National student parliament organized by RTMNU, Nagpur.
19. Winners of District level quiz competition Mr. Suchit & Ms. Shweta (red ribbon club & NSS members) are selected for state level quiz competition held on 8th December 2021.
20. Jayant Dilip Rakhade, student, EE Dept. received Gold medal in RTMNU Fencing competition
21. IEEE SSIT Chapter : Approved activities include Hackathon and Presentation Activity Amount Approved: \$400 (\$200 for each activity) for Electrical Department
22. AI Students and faculty Dr. Gopal Sakarkar, Gaurav Patil, Prateek Dutta authored book entitled "Machine Learning Algorithm" published by NOVA Science Publication, Hauppauge, NY, USA ISBN -978-1-53619-512-5.
23. Shivam Tawari, Atharva Khedkar, Aditya Bobde and Vishal Narnaware: Winner in Applied iNtelligenece Hackathon conducted by Accenture.(Prize money of INR 1, 25,000 & promised placements at Accenture).
24. Students innovation team, currently being incubated for developing Garbage Picker Machine is selected under YUKTI 2.0 program of AICTE & MoE's Innovation Council and has received funding support of 9 Lakhs.

Agenda No.-9/39 :Achievements and accomplishments of the Institute (Faculty & Student) – Since last GB

9. GHRCE Selected for **AICTE - LITE Scheme** (Leadership in Teaching Excellence from 475 Institute across 28 States)
10. GHRCE received the '**One District One Green Champion Award**' given by Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India for carrying out year-long Swachhta Activities in Nagpur District. At the hands of Shri Dayashankar Tiwari, Mayor, Nagpur on 21st August 2021.
11. GHRCE NSS volunteers received **first prize** (cash Rs. 5000/-) in Quiz competition on HIV/AIDS/TB/Blood donation organized by Annasaheb Gundewar College, Nagpur.
12. GHRCE-IEEE CIS team has received a **Bronze medal** for the Darell Chong Student Activity Award for their activity IEEE # Power Every-one. It is an IEEE region 10 (Asia Pacific Region) Award on 13th October.

- Prof. Desai suggested be selective in ranking (Private), Dr. Sachin Untawale sir informed to house that GHRCE will not participate for ranking where money is required.
- Prof. Vikram Gadre suggested to keep on board the award received and please issue the letter to awardees.
- Prof. Desai suggested to give news in other nationalized newspapers outside of Maharashtra and also main newspapers of Pune & Mumbai city.

[C] Any other matter with the permission of Chair

NSS center by RTM Nagpur University, received grants from AICTE for visit to Atal tunnel. IEEE outstanding chapter award, etc. He also highlighted other R&D achievements.

Any other matter with the permission of Chair

Member Secretary appealed members for any other points to be kept in the meeting for discussion/ resolution with the permission of chair.

Chairman, Academic Council informed the house that for few placed student, recruiter industry has requested for early joining before completion of student's internship. Prof O,G Kakde suggested that simultaneously students can not complete internship and join industry as employee. If students complete the assigned work before last internship day, they can join placed industry with permission from internship industry. It was also suggested that in mutual discussion with industry, the dates of completion may be finalized and subsequently examination dates to be decided as per the requirement. The council congratulated for the approval of new UG programs and also applauded and congratulated institute for accomplishments and achievements.

Meeting ended with vote of thanks proposed by Member Secretary of Academic Council and Chairman

- Member Secretary , Dr. Sachin Untawale briefed about placement status for 2021-22 batch to the house

C1. Placement status (2021-22 Batch)

Details of Major Recruiters		
Company	No. of Students Placed	CTC (lakhs)
Capgemini	206	4.25-7.25
Cognizant	201	4.00 -6.75
DXC Technology	100	4.00
TCS	92	3.68
Wipro	84	3.50
Accenture	70	4.50-6.50
ATOS GLOBAL	38	3.10
L&T Technology	24	4.00
Infogain	21	4.00
Skolar	17	4.00-6.00

Placement for 2021-22 Batch (till date):

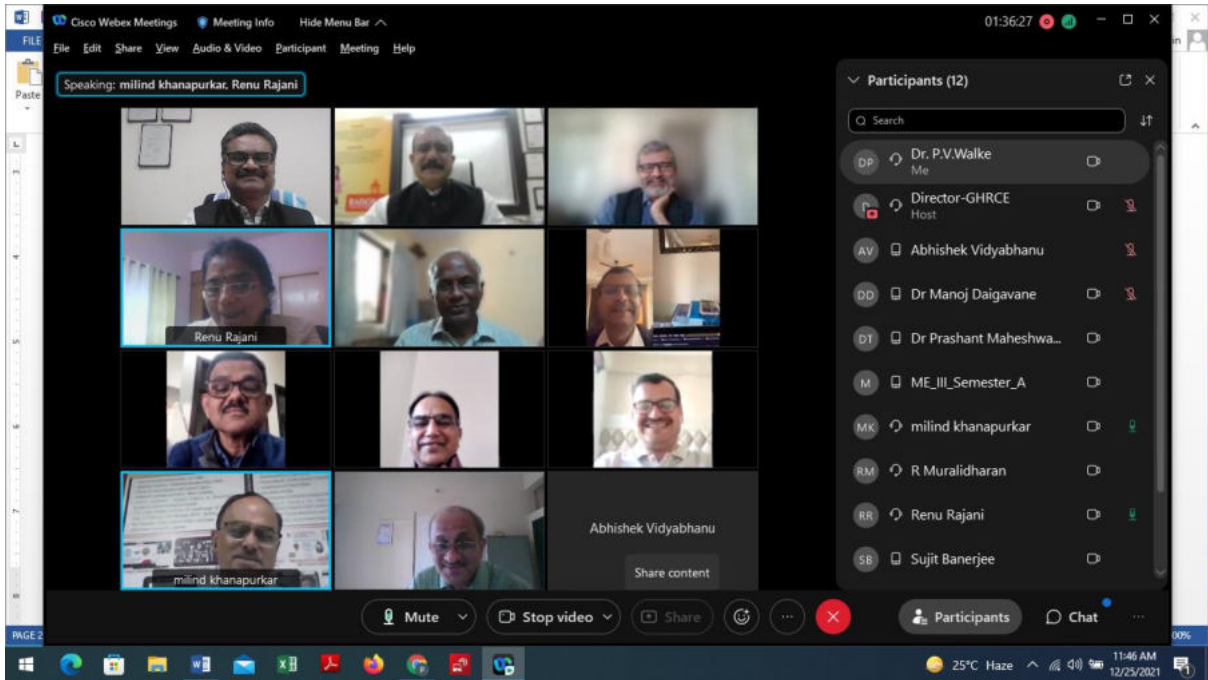
- 900 + offers received to 2022 batch till date
- 60+ Students placed with a package of 6 Lakhs & above
- Highest Package offered 18.1 Lakhs by Amazon

- Member Secretary , Dr. Sachin Untawale briefed about admission of UG,PG, DSY & MBA for 2021-22 batch to the house

C2. Admission Status – As on 24.12.2021 6 p.m.

	Seats	Admitted	% Admissions
First Year	1080	1006	94.1 %
Direct Second Year	207	207	100 %
M. Tech.	138	116	84.1 %
MBA	60	60	100 %
Overall Admissions			94.55%

- Prof. Desai suggest to update syllabus contains for UG Mechanical & Civil Engineering Programme.
- Mr. R. Muralidharan suggested to arrange the training on Fuel Cell/Hydrogen Vehicle / Electric vehicle for faculty members of Mechanical & Electrical Engineering Department.



As there was no further point to discuss, the meeting was ended with vote of thanks by the Member Secretary.

Sd/-
Prof. Sachin Untawale
Member Secretary



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Dual Accreditations NAAC "A+" Grade & NBA (Tier-I)

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E-mail: principal.ghrce@raisoni.net

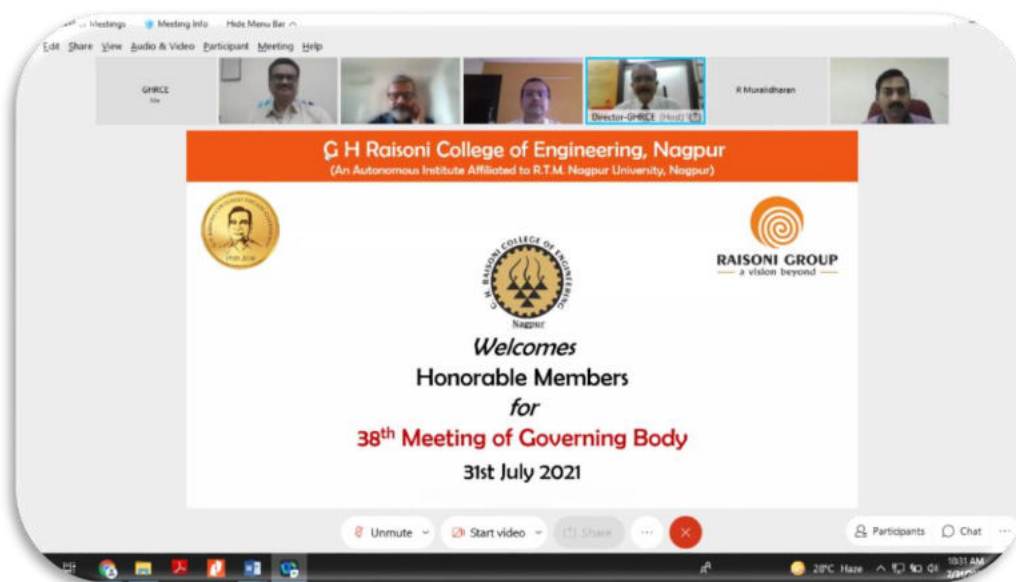
Minutes of 38th Meeting of Governing Body

The 38th meeting of Governing Body of G H Raisoni College of Engineering, Nagpur was held on 31st July 2021 at 10:30 am online through WebEx platform. The following Members were present in the meeting:

S.N.	Name of Member	S.N.	Name of Member
1	Mr. Sunil Raisoni	9	Ms. Renu Rajani
2	Prof. U. B. Desai	10	Prof. Prashant Maheshwari
3	Prof. V. M. Gadre	11	Mr. Abhishek Vidhyabanu
4	Prof. Milind Atrey	12	Prof. P.V. Walke
5	Mr. R. Muralidharan	13	Prof. M. M. Khanapurkar
6	Mr. Sujeet Banerjee	14	Prof. S. B. Jaju
7	Dr. Manoj Daigawane	15	Prof. D. V. Padole
8	Prof. Neelesh Kumar Jain	16	Prof. Sachin Untawale

Mr. Arvin Kumar, Prof. P. M. Padole, Prof. Dinesh Panjwani were absent due to other assignments.

Member Secretary & Director GHRCE Prof. Sachin Untawale introduced all the Honorable Governing Body Members and accorded a welcome to the august body for 38th Governing Body Meeting. The meeting was chaired by Shri Sunil Raisoni.



[A] Items for Approval

The following discussion were held:

Agenda No. 1/38	Approval of the Minutes of the 37 th meeting of Governing Body held on 27 th March 2021
Member Secretary presented Minutes of Meeting of 37 th Governing Body Meeting.	
Resolution No. 1/38	Resolved that the Governing Body unanimously approved the minutes of 37 th meeting held on 27 th March 2021.
Agenda No. 2/38	Action Taken report for 37th Meeting
Member Secretary presented Action Taken Report of 37 th Governing Body Meeting.	
Action Taken Report of 37th GB Meeting	
Actionable Point	Action Taken
Agenda No.-1/37: Approval of Minutes of 36 th GB Meeting held on 23 rd December 2020	Circulated and uploaded on website
Agenda No.-2/37: Action Taken Report on 36 th GB Meeting held on 23 rd December 2020	Circulated and uploaded on website
Agenda No. 4/37 Approval of Budget for 2021-22 sessions	
Prof. Atrey enquired about the budget for equipment in Mechanical Department.	As per the suggestions given, the detail list is available with departments & departmental R & D budget was revised and shared with all concerned.
Mr. Muralidharan suggested to have more R & D budget for departments and requested Hon. Chairman to accord approval for this budget	
Agenda No.3/C/37 Research Credential (Dec.2020 - March 2021)	
Prof. Gadre suggested to convert the outcome of Ph. D in the form of projects leading to Atmanirbhar Bharat initiative along with industry input.	All the suggestions were considered and are being implemented.
Mr. Muralidharan added that the problem areas can also be published.	
Mr. Abhishek suggested to have some mentorship program.	
Resolution No. 2/38	Resolved that the Governing Body unanimously approved the Action Taken Report on 37th Meeting of Governing Body held on 27th March 2021.
Agenda No. 3/38	Approval of minutes of meeting of 32 nd Academic Council held on 17 th July 2021
Member secretary presented the minutes and were approved with following suggestion: Prof. Desai suggested to offer NSS, NCC and NSO as Open Elective and permit students to choose any one among the list. All the members agreed on the suggestion.	
Resolution No. 3/38	Resolve that the minutes of meeting of 32nd Academic Council held on 17th July 2021 are approved.
Agenda No. 4/38	To approve the list of Graduands for 7 th passing certificate distribution ceremony

Member secretary presented the list of Graduands for 7th passing certificate distribution ceremony as per the statistics given below:

Overall Summary UG + PG Students Recommended for Award of Degree After Summer -2021

Short Summary			Total Recommended for Award of Degree
EXAM	UG	PG	(UG + PG)
Summer - 2021	1191	61	1252
Winter - 2020	15	0	15
Summer - 2020	0	2	2
Summer - 2019	0	1	1
Summer - 2017	1	0	1
Grand Total	1207	64	1271

Final Year (8th to 12th Term UG + PG) Result Analysis : Summer – 2021

Program	Summer – 2021 End Semester Examination					Total Recommended for Degree (Summer + Vacation 2021)
	Students Appeared	Total Pass	Recommended for Award of Degree (Pass)	NOT Recommended withheld (Pass)	Fail & Pending	
UG	1311	1297	1191	106	14	1191
PG	61	61	61	00	00	61
Total (UG + PG)	1372	1358	1252	106	14	1252

Summer - 2021					
UG	Summer-2021	Winter-2020	Summer-2017		Total
Name of Department	Recommended for Degree (Autonomous)	Recommended for Degree (Pass) After Summer Term / Vacation Exam	Recommended for Degree (Autonomous)	Recommended for Degree (Autonomous)	
Civil Engineering	142	--	1	0	143
Computer Science & Engineering	267	--	3	1	271
Electrical Engineering	134	--	4	0	138
Electronics Engineering	91	--	0	0	91
Electronics & Tele. Comm. Engineering	231	--	1	0	232

Information Technology	71	--	0	0	71
Mechanical Engineering	255	--	6	0	261
TOTAL	1191	--	15	1	1207

PG	Summer - 2021	Summer - 2020	Summer - 2019	Total
Name of Department	Recommended for Degree (Autonomous)	Recommended for Degree (Autonomous)	Recommended for Degree (Autonomous)	
	Regular			
Transportation Engineering	--	0	0	0
Structural Engineering	--	1	0	1
Computer Science & Engineering	--	1	0	1
Integrated Power System	--	0	0	0
Electronic Engineering	--	0	0	0
VLSI	--	0	0	0
Communication Engineering	--	0	0	0
CAD /CAM	--	0	0	0
Master of Computer Application (MCA)	1	0	0	1
Master of Business Administration (MBA)	60	0	1	61
Total	61	2	1	64

Summary of Major (Honors) & Minor Graduates :

Sr. No.	Program	Category of Specialization			
		Major (Honors)	No of Graduates	Minor	No of Graduates
1	B.E. Computer Science & Engineering (Honors = 5)	Honors - CSE	5	-	-
2	B.E. Electronics Engineering (Minor =11)	-	-	Minor - AIE	11
3	B.E. Electronics & Telecommunication Engineering (Minor = 20)	-	-	Minor - AIE	1
				Minor - CSE	6
				Minor - ELE	6
				Minor - IFT	3
4	B.E. Information Technology (Minor = 10)	-	-	Minor - AIE	10
5	B.E. Mechanical Engineering (Honors = 1), (Minor = 2)	Honors - ME	1	Minor - AIE	2
Total (49)			6		43

	<p>All GB Members enquired about the Placement scenario of all branches. Following suggestions were given for placements in core branches:</p> <ul style="list-style-type: none"> • Prof. Jain suggested to focus on Electrical vehicles. • Prof. Desai Suggested to introduce a Programme on Design of Vehicles on Hydrogen fuel cells. • Mr. Muralidharan added the same and said that all buses of Tata Motors are Hydrogen Vehicles. He also expressed that he will be providing expert for the course. • Members suggested to start electives like electrical vehicles, hydrogen fuel cell. • Prof. Atrey suggested to introduce a Programme in Biological Sciences that will be helpful for research based project in Health Care sector.
Resolution No. 4/38	Resolved that the Governing Body approved the list of Graduands for 7th passing certificate distribution ceremony.
Agenda No. 5/38	Teaching –Learning methodology adopted
<p>Member Secretary presented the Teaching–Learning methodology adopted by the institute for current session as per the suggestions given by Hon. Members in previous meeting. All Hon. Members applauded the efforts taken by the institute.</p>	

[B] Items for Information

Agenda No. 6/38	Various grants applied and sanctioned
<p>Member Secretary presented the details of grants applied and received from Government Agencies. Prof. Desai suggested to work on increasing the amount of awards received by the institution. GB Member congratulated the Institute for receiving the grants.</p>	
Agenda No. 7/38	International Conference
<p>Member Secretary presented the status of international conferences organized and planned in next months.</p>	
Agenda No. 8/38	International faculty
<p>Member Secretary informed the GB that an international faculty has been finalized to teach one course in the current academic session. Mr. Abhishek suggested to run exchange module programme of 30-40 days.</p>	
Agenda No. 9/38	Achievements and accomplishments of the Institute (faculty & Student)
<p>Member Secretary presented the Achievements and accomplishments of the Institute (Faculty & Student). GB Members congratulated the Institute for the achievements.</p>	

[C] Any other matter with the permission of Chair

<p>C1. M. Tech in Defense Technology with DRDO-AICTE-24 Intake.</p> <p>Member Secretary informed the GB that a programme M. Tech in Defense Technology in collaboration with DRDO and AICTE having an intake of 24 is granted by AICTE to start from the current session 2021-22.</p>
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Mr. Muralidharan expressed his interest to be a part of this programme.
Prof. Desai suggested to change the name of the programme and introduce some minor in the said programme.

Dr. Atrey suggested to have a formal MoU with DRDO having clarity regarding internships, placements, etc.

Dr. Gadre suggested to enquire with DRDO ensuring career prospects for these students.

Member Secretary assured the GB Members that these concerns will be discussed with AICTE & DRDO officials in the meeting scheduled during the next week.

C2. NABL Accreditation

Member Secretary presented the status of NABL accreditation of labs in Civil Engineering department at GHRCE.

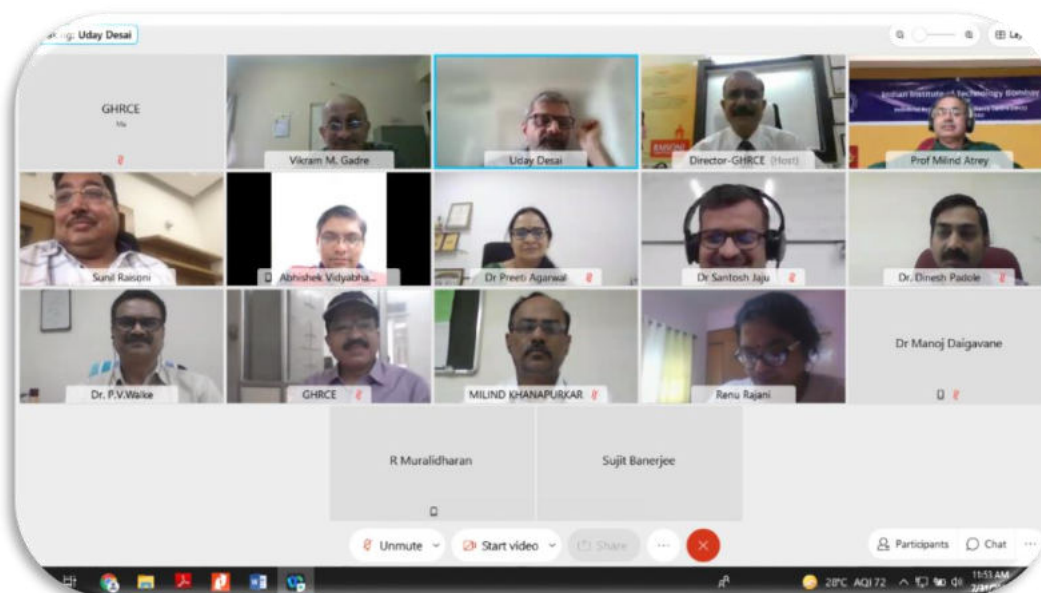
GB Member congratulated for the same and gave following suggestions:

Prof. Gadre suggested to conduct training workshops in these accredited labs. He also mentioned that such trainings are permitted for TEQIP-III selected institutions.

Prof. Atrey suggested to advertise the same in national level newspapers.

C3. Media Publications:

Prof. Desai suggested to publish some important publications in Pune and Bombay Newspapers.



As there were no further point to discuss, the meeting ended with a Vote of Thanks by the Member Secretary.

Sd/-
Prof. Sachin Untawale
Member Secretary



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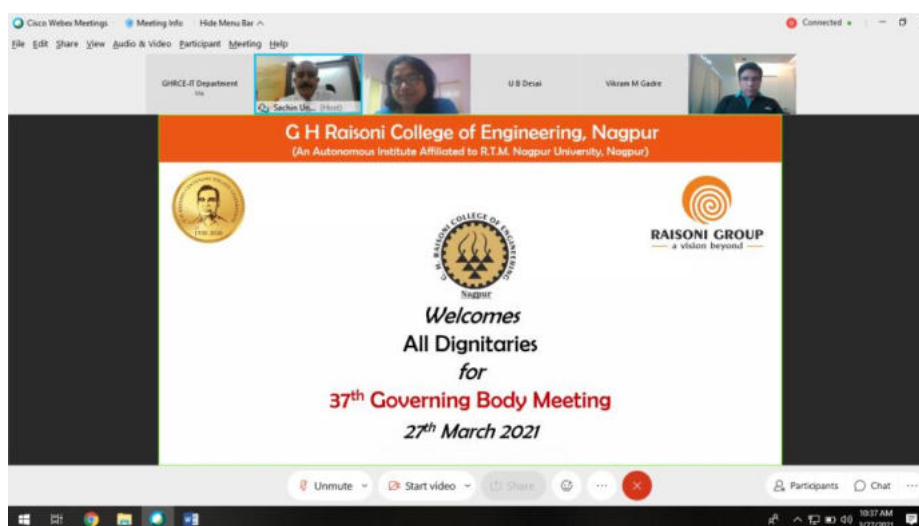
MINUTES OF 37th MEETING OF GOVERNING BODY

The 37th meeting of Governing Body of G H Raisoni College of Engineering, Nagpur was held on 27th March 2021 at 10:30 am online through Webex platform due to COVID -19. The following Members were present in the meeting:

S.N.	Name of Member	S.N.	Name of Member
1	Mr. Sunil Raisoni	10	Mr. Arvin Kumar
2	Prof. U. B. Desai	11	Ms. Renu Rajani
3	Prof. V. M. Gadre	12	Mr. Abhishek Vidhyabanu
4	Prof. Milind Atrey	13	Prof. P.V. Walke
5	Mr. R. Muralidharan	14	Prof. M. M. Khanapurkar
6	Dr. Manoj Daigawane	15	Prof. S. B. Jaju
7	Prof. Prashant Maheshwari	16	Prof. D. V. Padole
8	Prof. Neelesh Kumar Jain	17	Prof. Sachin Untawale
9	Mr. Arvind Kumar		

Mr. Sujeet Banerjee, Prof. P. M. Padole, Prof. Dinesh Panjwani were absent due to other assignments.

Member Secretary & Director GHRCE Prof. Sachin Untawale introduced all the Honorable Governing Body Members and accorded a welcome to the esteemed members for 37th Governing Body Meeting. The meeting was chaired by Mr. Sunil Raisoni.



[A] Items for Approval

The following are the minutes of discussion:

Agenda No. 1/37	Approval of the Minutes of the 36 th meeting of Governing Body held on 23 rd December 2020
Member Secretary presented Minutes of Meeting of 36 th Governing Body Meeting.	
Resolution No. 1/37	Resolved that the Governing Body unanimously approved the minutes of 36 th meeting held on 23 rd December 2020.
Agenda No. 2/37	Action Taken report for 36th Meeting
Member Secretary presented Action Taken Report of 36 th Governing Body Meeting.	
Action Taken Report of 36th GB Meeting	
Actionable Point	Action Taken
Agenda No. 1/36-Approval of Minutes of 35th GB Meeting held on 30th June 2020	Minutes were approved and uploaded on Website
Agenda No. 2/36-Action Taken Report on 35th BOG Meeting held on 30th June 2020.	Action Taken report was approved and uploaded on Website
Agenda No. 3/36-Approval of minutes of 31st Meetings of Academic Council.	Minutes were approved and uploaded on Website
Conduction of Lab courses	Due to pandemic situation and to save the academic loss of students, all lab courses were conducted in online mode through appropriate platforms.
Suggestions given by Hon. Members for effectively conducting online Teaching Learning Processes (TLP)	All the suggestions given by Honorable members were incorporated and teaching learning for Summer 2021 even Term is being carried out accordingly.
Academic Audit <ul style="list-style-type: none"> • Prof. Desai suggested to conduct the audit once in two years. • Prof. Gadre and Prof. Desai endorsed the same and opined to have audit once in 2-3 years. • Member Secretary informed that as per mandate the audit should be minimum once in 2 years. 	The suggestions are considered and will be implemented from next audit.
Prof. Gadre suggested to have mentorship sessions for failure students.	The mentorship sessions were planned branch wise for all the branches during 22-23 January 2021 by respective Class Teachers, HODs and Dean Academics.
Resolution No. 2/37	Resolved that the Governing Body unanimously approved the Action Taken Report on 36th Meeting of Governing Body held on 23rd December 2020.

Member secretary presented the Panel of Examiners for Summer 2021 examinations as per the table given below:

Sr. No.	BoS / Department	Paper Setter's Panel Received		Total Paper Setter	Percentage of Paper Setter's			
		Internal Paper Setter	External Paper Setter		Internal Paper Setter	External Paper Setter		
UG Courses								
1	First Year	32	20	52	62	%	38	%
2	Civil Engineering	30	17	47	64	%	36	%
3	Mechanical Engineering	33	22	55	60	%	40	%
4	Electrical Engineering	64	42	106	60	%	40	%
5	Electronics / Electronics & Telecommunication	74	66	140	53	%	47	%
6	Computer Science & Engineering	35	24	59	59	%	41	%
7	Information Technology	56	28	84	67	%	33	%
8	Artificial Intelligence	6	5	11	55	%	45	%
Total for UG Courses		330	224	554	60	%	40	%

Sr. No.	BoS / Department	Paper Setter's Panel Received		Total Paper Setter	Percentage of Paper Setter's			
		Internal Paper Setter	External Paper Setter		Internal Paper Setter	External Paper Setter		
PG Courses								
1	Civil Engineering (ENV + TRE + STRU)	26	22	48	54	%	46	%
2	Mechanical Engineering	15	12	27	56	%	44	%
3	Electrical Engineering	5	5	10	50	%	50	%
4	Electronics Engineering + Electronics & Telecommunication Engineering	15	7	22	68	%	32	%
6	Computer Science & Engineering (CSE)	4	8	12	33	%	67	%
7	MBA	23	36	59	39	%	61	%

Prof. Desai enquired about external examiners and suggested to conduct examinations with internal examiners. Prof. Untawale informed that most of work is being done by internal examiners but in ESE we involve external examiners too.

Resolution No. 3/37 **Resolve that the panel of examiners for Summer 2021 (Even) examinations are approved.**

Agenda No. 4/37 **Approval of Budget for 2021-22 sessions.**

Member secretary presented the budget for 2021-22 session as per the details given below:

- Posts for Teaching staff

Programme	Intake		Faculty requirement
UG (Information Technology)	180	180+180+60	08
UG (Artificial Intelligence)	120	120+60+00	08
UG (Data Science)	60	60+00+00	04
UG (First Year)	1080	120 (new)	08

- Fees requirement for new session

FEE STRUCTURE FOR 2021-22 (Regular Admission)

BE Course

Sr. No.	Particular	Tuition Fee	Development Fee	Total As Per FRA	University Consoled Fee	Printing & Stationery	Professional development Fee	Total Rs.
1	Regular Second year (As per order of FRA 2020-21)	121739	18261	140000	300	900	1500	142700
2	Third Year (As per order of FRA 2019-20)	121739	18261	140000	300	900	1500	142700
3	Final Year (As per order of FRA 2018-19)	97540	13460	111000	300	900	1500	113700

PG Course- M. Tech

Sr. No.	Particular	Tuition Fee	Development Fee	Total As Per FRA	University Consoled Fee	Printing & Stationery	Professional development Fee	Total
1	Second year (As per order)	57392	8608	66000	300	0	0	66300

	of FRA 2019-20)							
PG Course-MBA								
1	Second year (As per order of FRA 2019-20)	104348	15652	120000	300	0	0	1,20,300

Ph. D Course				
Sr. No.	Particular	Tuition Fee	Registration fee (one Time)	Total (Rs.)
1	First Year (New)	90,000	10,000	1,00,000
2	Second Year (all old Admission)	50,000	0	50,000

- Infrastructure: Discussed in the meeting
- Capital Budget: Discussed in the meeting

Discussion	<p>Post of teaching and non-Teaching:</p> <ul style="list-style-type: none"> • Mr. Muralidharan suggested to have the automatic process to generate requirement for replacement of the faculty members in case faculty is/are leaving the institute. • Ms. Renu enquired about the intake capacity for each department. • Director informed about the student intake of each department. <p>Fees:</p> <ul style="list-style-type: none"> • Director requested all the members for comments. • Prof. Desai enquired about the increment in fees comparative to the last session. • Director informed that the fees for the current year is retained as per last year. • Ms. Renu enquired about any circular is there regarding the reduction in fees from FRA/AICTE/UGC due to pandemic. • Director informed that till date there is no circular received from any agency to reduce the fees considering pandemic situation. However till date, 30% fee collection is balance due to parents' request which were considered due to pandemic and were permitted to pay later. <p>Budget:</p> <ul style="list-style-type: none"> • Prof. Atrey enquired about the budget for equipment in Mechanical Department and Prof. Untawale informed that the detail list shall be shared shortly. • Mr. Muralidharan said that for R & D budget it is showing zero for some departments which should not be zero, suggested to add some amount in the R & D budget and requested Hon. Chairman to accord approval for this budget.
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	<ul style="list-style-type: none"> Chairman, Mr. Sunil Raisonni agreed to revise the budget and requested Member Secretary to discuss in the meeting scheduled in the evening at corporate office. He also assured the members that the revised budget will be circulated to all the members. Further the budget was revised and circulated amongst all the members.
Resolution No. 4/37	Resolved that the Governing Body approved the budget for the session 2021-22.

[B] Items for Information

Agenda No. 5/37	Teaching –Learning methodology adopted
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Member Secretary presented the Teaching –Learning methodology adopted by the institute for current session as per the suggestions given by Hon. Members in previous meeting.

- Online Mode ESE : W - 20 (November-20) & Vacation ESE (January-21)
- Result Declaration : W-20 ESE (December-20) and Vacation ESE (February -21)
- Commencement of even term of Session 2020-21: January 04, 2021.
- Online orientation for PG students: 21 January 2021.
- Online Orientation for First Year Fresher and DSY admitted Students “Prarambh”: 01/02/21
- Student’s Induction Program (SIP) for FY in online mode : 01/02/2021 to 06/02/2021
- Commencement of Online Classes Session 2021-21:
 - Higher Semesters : 04/01/2021
 - PG Students : 21/01/2021
 - FY students : 08/02/2021
 - DSY students : 01/02/21
- Notification regarding on-campus (offline mode) reporting will be as per the announcement and notification of Government of Maharashtra and RTMNU, Nagpur University.
- To ensure following of Government Guidelines in view of COVID Pandemic situation.
- Detailed circular e-circulated to all concerned.

Parameters	Instances No.	Beneficiaries No.
Conduction of online mode Classes	1500+	1,00,000
Online sessions by IIT/ IISc / IIIIT / NIT Experts	18	1900+
Online Sessions by Industry Experts	3	350+
Online talks by International Experts	4	1370
Online Teaching to nearby schools	1	47
Mapping of courses with NPTEL-SWAYAM	53	2300+
Online Industry Visits	2	200+
Online Meetings With Parents	8	-
Online Meetings With Class Representatives	27	-

- Inter Institute Collaboration with IIT Bombay for development of NPTEL –MOOC
- 30 students and 03 faculty in phase –I (Completed) : June-20 to Jan-21
- 45 Students and 06 faculty members in phase –II (ongoing) : January onwards

All the Hon. Members applauded the efforts taken by the institute.

Agenda No. 6/37 **Various grants applied and sanctioned**

Member Secretary presented the Grants applied and received from Government Agencies.

Grants applied from Government Agencies (Dec. 2020 till dates):

S. No.	Scheme Submitted	Total	Tentative amount in Rs.
1	AICTE Faculty Sports FDP	1	650000
2	AICTE RPS – Research Promotion Scheme	2	5000000
3	AICTE- IDEA LAB	1	11000000
4	AICTE APDS	1	36653
5	AICTE -Chhatra Vishwa Karma award	5	0
6	ATAL FDP MHRD	5	465000
7	BIRAC BIPP	1	3838000
8	BIRAC PACE	1	676000
9	BIRAC SBIRI	1	4900000
10	BIRAC SITARE GYTI	2	3000000
11	DST- CSRI	1	2320000
12	Lilawati Award	5	500000
13	New Gen IEDC	3	750000
14	RTMNU ,Rajiv Gandhi Science & Technology Commission	11	3350000
15	SERB POWER GRANT	7	13017240
16	SERB-CRG	32	64861863
17	SERB-SRG	2	1870000
Tentative Amount in Rs.		81	11,62,34,756

S. No.	Scheme Submitted	Title	Amount Received in Lakh
1	RTMNU ,Rajiv Gandhi Science & Technology Commission	Design & Implementation of free simless mobile Femtocell Network for Rural	2.69
2	RTMNU ,Rajiv Gandhi Science & Technology Commission	Real Time Remote Patient Monitoring System	2.0
3	RTMNU ,Rajiv Gandhi Science & Technology Commission	Design and Development of Alternative Communication System for Paralyzed /Physically disabled Person.	3.50
4	RTMNU ,Rajiv Gandhi Science & Technology Commission	Distance Education System for Deaf & Dumb Children	3.0
Total Amount Received in Lakhs			11.20

Prof. Desai suggested to apply for DST grants.

Prof. Untawale informed that some projects have been applied for DST funding.

Members congratulated the Institute for receiving the grants.

Agenda No. 7/37

NABL Accreditation for Civil Engineering department Lab

Member Secretary presented the status NABL Accreditation for Civil Engineering department Lab.

Department - Civil Engineering

Name of Laboratory- (Material Testing Laboratories)

SCOPE

- Concrete Technology:-22 (Building Material)
- Strength of Material :- 04 (Reinforcing Bar)
- Geotechnical Engineering :-12 (Soil & Rocks)
- Non Destructive Test :- 01
- The Pre Assessment Audit as per ISO17025 :2017 for all the Scope was done on 16th Feb 2021 by Mr. Harish Deshpande (Lead Assessor, NABL)
- Final audit to be scheduled in the last week of April 2021

All honorable members noted the efforts of the institution for obtaining NABL certification.

Agenda No. 8/37

Inter-Institute Collaboration with IITB for Development of NPTEL MOOC under Prof. V. Gadre

- Member Secretary presented the status of Inter-Institute Collaboration with IITB for Development of NPTEL MOOC under Prof. V. Gadre. He thanked Prof. Gadre for continuous mentoring and helping the institution.
- Prof. Gadre suggested to also work with Pune Students who are also doing well for Development of NPTEL MOOC.
- Ms. Renu Rajani enquired about the outcome of Development of NPTEL MOOC courses.
- Prof. Gadre requested Prof. Khanapurkar to detail out the list of running courses developed and offered on the portal to Ms. Renu. Prof. Khanapurkar informed that he will plan a separate session to demonstrate the same to Ms. Renu.
- Prof. Desai asked Prof. Khanapurkar about how many experimental projects are running. Prof. Khanapurkar added that total 36 experimental projects are running and out of that 35 were prepared by Prof. Gadre.
- Prof. Desai requested to Prof Gadre to offer online Labs to all so that all students across India will be able to perform their practical online.
- Prof. Gadre gave assurance to offer online Labs to GHRCE students.
- He further added to identify 4-5 good DSP projects and requested to showcase these projects to board members and a token rewards can be given to such projects as a gesture of appreciation.
- The board also opined to have some budget allocated for such awards.

Agenda No. 9/37

Mission Nano-Satellite – Launching of GHRCE Nano-Satellite “GHRCEsat”

Member Secretary presented the status of Mission Nano-satellite – Launching of GHRCE Nano-satellite “GHRCEsat” to the house.

- Joint Development of UNITYSat / SlimSat (0.3UX3=1U CubeSat)
- Critical Design Review by ISRO HQ, Bangalore on 10th September 2020
- Hardware Design review by ISRO HQ, Bangalore on 7th November 2020

- Launch Service Agreement (LSA) with ISRO HQ, Bangalore on 1st December 2020
- Flight Model Design Review by ISRO HQ, Bangalore on 7th February 2021
- GHRCE is one of the TOP 10 Engineering Institutions in INDIA to Build and Launch its own Satellite to LEO!
- GHRCE Satellite Ground Station has been inaugurated by Dr. K. Sivan Chairman, Indian Space Research Organization (ISRO) & Secretary, Department of Space, Government of India On 28th January 2021 at 15.30 Hrs.



The GB congratulated the Institute for this achievement and suggested to cover the news in National media. Prof. Desai suggested to circulate to all Board members so that all can publicize the achievement of GHRCE within their contacts.

Ms. Renu enquired about the expectations of the Satellite program.

Prof. Untawale informed that it is based on the research for low earth orbit.

Mr. Muralidharan enquired about whether this is monitored by students.

Prof. Untawale informed that it is monitored by faculty and students from ground station.

Agenda No. 10/36	Achievements and Accomplishments of the Institute (faculty & Students)
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Member Secretary presented the various achievements of the Institute by Faculty and Students.

- Best Shikshan Sanstha Award by RTMNU
- Ranked 97th India Today MDRA Survey 2020
- Patents granted -06 (05 Indian and 01 International, 1 awaited)
- 12 Patents filed, 13 in process and 21 Copyrights filed
- 4 project out of 5 are shortlisted in final for AICTE- Chatra Vishwakarma Award 2020
- 3 teams out of 5 are shortlisted in final round in AICTE Lilawati Award 2021
- 3 proposal out of 7 are shortlisted in RGSTC from RTMNU, Nagpur.
- Avishkar (03 Faculties each received 1.44 Lakhs fellowship from RTMNU, Nagpur)
- Dr. Sunil Nangarani received first prize at INDINNOVATE 2021 organized by Acropolis Group, Indore (Case Prize Rs. 21000/-)
- AICTE-Margdarshak (2 Faculties, Dr. M.M.Khanapurkar & Dr. Naidu)
- Dr. S B Jaju received best teacher awards from RTMNU, Nagpur
- Gold medal to Dr. Md. Miraj (Mech.) for best Ph.D thesis from President of India at NIT, Rourkela.
- Dr. Sourabh Shukla received best paper award in ICMPC 2020 at IIT, Indore
- Dr. Isha Khedikar received Brijnandan Sharama Award from IWWA ,Hyderabad
- Four faculty members received project grant of Rs. 11.2 Lakhs under RGSTC from RTMNU, Nagpur
- 02 Teams received first Prize in Smart India Hackathon 2020 of MHRD
- Mr. Vedant Behel (IT) received prestigious Richard E Mervin Scholarship Award. He has published his book on Python project.

- Student Team of GHRCE has winner in KPMG Ideation Challenge (4 Lakhs Prize) & representing INDIA in Global finale Scheduled in April 2021.
- Student Team of GHRCE emerged as India Champions & World finalists of Microsofts Imagine Cup 2021
- MOU with SPIT, Mumbai for Credit Transfer Scheme
- MoU signed with advance dental hospital for research and consultancy
- B. Voc. in Mobile Communication under Telecom Sector: 30 seats
- MHRD had recognized GHRCE as nodal center for conduction of SIH Software edition 2020.

The GB congratulated the institute for these achievements.

[C] Any other matter with the permission of Chair

C.1 International Conferences organized/planned:

Member Secretary presented the status of International Conferences organized/planned.

Title	Dept.	Dates	Indexing	Status
International Conference on Smart Technologies for Energy, Environment & Sustainable Development	EE+ Mech. + Civil	4 th -5 th Dec. 2020	Indexing received from Springer	75 Mech., 44 Civil, 55 EE 176 Papers were presented
International Conference on Research Frontiers in Sciences-2021 (ICRFS-21)	First Year (Phy./Chem./Math.)	5 th - 6 th Feb. 2021	Indexing received from Institute of Physics UK, Indexed for Scopus, WoS & Thompson Routers	157 papers were presented
International Conference on Computational Intelligence and Computing Applications ICCICA-2021	CSE+AI+IT	18 th -19 th June 2021	IEEE, Scopus Indexing	26 papers received (till date)
International Conference on Emerging Trends in IoT & Healthcare-2021 (ICETIH-21)	ETRX + ETC	28 th -29 th Jun. 2021	Indexing from IEEE, Springer (process)	-

C. 2. National E-Summit on Smart Solution to Smart Cities:

National E-Summit on Smart Solution to Smart Cities organized by Civil & Electrical Engineering department jointly on 12th - 13th March 2021

Chief Guest Dr. Muzaffar Ahamdad, Member , National Disaster management authority, New Delhi, and Guest of honour Dr. S. Velmurugum Chief scientist, former Head Traffic Engineering and safety division CRR. New Delhi

Registered Participants : 178

Participants from Industry: 05

Participants from the Academics: 11

Students Participants: 162

C. 3. Research Credential (Dec.2020 - March 2021): Prof. Untawale presented the status of publications to the GB.

Quality Publications/Copyright/Grants	Total
WOS (IJ)	5
Scopus (IJ)	13
UGC approved (IJ)	2
Any other (IJ)	4
International Conferences	2
WOS (IC)	12
Scopus (IC)	34
No of books	4
No of book Chapter	14
Monogram	2
Paper with More than 10 citations	578
Increase in citations count of papers	636
Number of joint Publications	38
Research Grant Received (number or count)	4
Research Grant Received (Amount in Lakhs)	11.20

The GB congratulated the institute for good publications.

Prof. Atrey suggested to increase the number in Scopus International Journals.

Director informed that all faculty members have been given the targets of publishing their papers in Scopus indexed journals and highlighted that Institute has a policy to provide incentives for good publications.

Prof. Jaju added that 5 patents are already granted and incentives have been given.

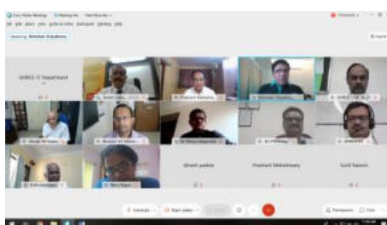
Prof. Gadre suggested to convert the outcome of Ph. D in the form of Atmanirbhar Bharat with industry input.

Mr. Muralidharan added that the problem areas can also be published.

Mr. Abhishek suggested to have some mentorship program.

Director, IIT Indore mentioned that they carryout mentorship sessions at their Institution.

The GB congratulated the institute to bring laurels and wished all the best for future endeavors.



As there was no further point to discuss, the meeting ended with vote of thanks by the Member Secretary.

Sd/-
Prof. Sachin Untawale
Member Secretary



G H RAISONI COLLEGE OF ENGINEERING

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Dual Accreditations NAAC "A+" Grade & NBA (Tier-I)

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MINUTES OF 36th MEETING OF GOVERNING BODY

The 36th meeting of Governing Body of G H Raisoni College of Engineering, Nagpur was held on 23rd December 2020 at 11:00 am online through WebEx platform due to COVID -19. The following Members were present.

Sr. No.	Name of Member	Sr. No.	Name of Member
1	Mr. Shreyas Raisoni (Special Invitee)	7	Mr. Arvin Kumar
2	Prof. U. B. Desai	8	Ms. Renu Rajani
3	Prof. V. M. Gadre	9	Mr. Abhishek Vidhyabanu
4	Prof. Milind Atrey	10	Prof. S. B. Jaju
5	Mr. Sujeet Banerjee	11	Prof. M. M. Khanapurkar
6	Dr. Ram Nibudey	12	Prof. D. V. Padole
7	Prof. Prashant Maheshwari	13	Prof. Sachin Untawale
8	Prof. Neelesh Kumar Jain		

Shri. Sunil Raisoni, Mr. R. Muralidharan, Prof. P. M. Padole, Prof. Dinesh Panjwani, WRO, AICTE and Prof. P.V. Walke were absent due to other work assignments.

Member Secretary - Director GHRCE, introduced all the new Honorable Members of the Governing Body and accorded a welcome to the august body for 36th Governing Body Meeting and requested Prof. U. B. Desai to Chair the meeting.

[A] Items for Approval

The following are the minutes of discussion:

Agenda No. 1/36	Approval of the Minutes of the 35 th meeting of Governing Body held on 30 th June 2020
Member Secretary presented Minutes of Meeting of 35 th Governing Body Meeting and conveyed that minutes were e circulated to all honorable members on email and subsequently were uploaded on website.	
Resolution No. 1/36	Resolved that the Governing Body unanimously approved the minutes of meeting held on 30th June 2020.
Agenda No. 2/36	Action Taken report for 35 th Meeting
Member Secretary presented Action Taken Report of 35 th Governing Body Meeting.	

Action Taken Report of 35th GB Meeting

Agenda No.-1/35	Approval of Minutes of 34th GB Meeting held on 14th March 2020.
Resolution No. 1/35	Resolved that the Governing Body unanimously approved the Minutes of meeting held on 14 th March 2020
Agenda No. 2/35	Action Taken Report on 34th BOG Meeting held on 14th March 2020.
Resolution No. 2/35	Resolved that the Governing Body unanimously approved the ATR on Minutes of meeting held on 14 th March 2020.
Agenda No. 3/35	Approval of minutes of 29th & 30th Meetings of Academic Council.
Action Taken:	Minutes of 29 th and 30 th Academic Council meeting were approved
Resolution No. 3/35	Resolved that the Governing Body unanimously approved the Minutes of 29 th and 30 th Academic Council meeting.
Agenda No.-4/35:	If lockdown continues till the start of new session i.e. odd term of 2020-21, approval for undertaking teaching learning and evaluation process through online mode.
Action Taken:	Suggestions given by members were incorporated in implementation of Teaching Learning process in online mode during odd term of 2020-21 session.
Resolution No. 2/36	Resolved that the Governing Body unanimously approved the Action Taken Report on 35 th Meeting of Governing Body held on 30 th June 2020.
Agenda No. 3 / 36	
Approval of minutes of meeting of 31th Academic Council held on 17th December 2020.	
Discussion	<p>Member Secretary presented the minutes of meeting of 31th Academic Council before the Board and following suggestions were given by the Honorable Members:</p> <ul style="list-style-type: none"> • Prof. Desai suggested to conduct lectures through online mode in a way that will not be monotonous. He advised to divide the lectures in a ways that after teaching the content for 15-20 minutes, take a quiz related to the subject for say 10 minutes. Then again start teaching the content. At the end again a quiz may be taken or an interaction may be carried out. • Prof. Gadre expressed that collaborative assignment can be constructive and hence group assignments should be encouraged. • Prof. Jain informed that at IIT, Indore they follow TLP having 40% weightage for End Semester Examination, 40% on mid semester examination and 20% on Project. • Mr. Arvin Kumar enquired about the feedback from students on TLP. The Member Secretary informed the Board about the feedback taken and accordingly the planning for the classes have been done. • Instead of giving daily subject wise assignments, it was proposed to give one weekly assignment to students. • Ms. Renu suggested to keep labs open for the students and whosoever wishes to perform practical in labs may be permitted to do so.
Resolution No. 3 /36	Resolved that the Governing Body unanimously approved the minutes of 31th Academic Council held on 17th December 2020.

Agenda No. 4/36	Discussion on redefining Vision and Mission of the Institute.
Discussion	<ul style="list-style-type: none"> • Prof. Atrey enquired about the process followed by GHRCE for Vision and Mission changes. He also enquired about an example of any institutions in India who have changed the Vision of the institution. • Prof. Desai suggested that with changing technology and futuristic needs, if required, there may be a change in the Vision and Mission of the institution. He suggested to take feedback from all stake holders regarding the same.
Resolution No. 4/36	Resolved that the Governing Body unanimously approved to start the process for modification of Vision and Mission statement of the institution.
Agenda No. 5/36	Planning of Teaching – Learning in online mode during Summer-2021.
	<p>Member Secretary presented the planning for forthcoming condensed semesters and following suggestions were received by Honorable members</p> <ul style="list-style-type: none"> • Prof. Desai suggested to cover the entire content of syllabus. He suggested to offer a few courses during the next semester. • Prof. Atrey suggested that as done at IIT Bombay, lab conduction can be done through Virtual Labs and videos. • Mr. Abhishek Vidhyabanu, Alumni member suggested to cover some topics of course in the next semester which are not prerequisites for the next term. • For Direct Second Year (DSY) admitted students, Prof. Desai suggested to run separate classes and not to club these classes with regular term. This may lead to an increase in workload of faculty. • Member Secretary informed the Board that, if required, additional faculty members will be appointed to run courses for DSY students.
Resolution No. 5/36	Resolved that the Governing Body unanimously approved the planning by considering above mentioned suggestions.

[B] Items for Information

Agenda No. 6/36	External Academic and Administrative Audit of 2019-20 session
	<ul style="list-style-type: none"> • Member Secretary informed the Board that external Academic and Administrative Audit was conducted during 27th - 28th November 2020. • All the members have appreciated for the conduction of External Audit for 2019-20 session. • Prof. Desai suggested to carry the audit once in two years. • Prof. Gadre and Dr. Desai endorsed the same and opined to have audit once in 2-3 years. • Member Secretary informed that as per mandate the audit should be minimum once in 2 years.
Resolution No. 6/36	It is resolved that the External Audit will be carried out once in 02 years.

Agenda No. 7/36	Online Mode Teaching-Learning & Evaluation: Odd Term – 2020-2021 session
<ul style="list-style-type: none"> • Member Secretary presented the status of Teaching learning and evaluation done for Odd Term of 2020-21 session. • The Honorable Members appreciated the efforts taken by the Institute to run and carry out Teaching learning and evaluation process successfully and Prof. Gadre suggested to keep it on record in the minutes. 	
Agenda No. 8/36	Mapping of NPTEL courses with Curriculum Courses
<ul style="list-style-type: none"> • Member Secretary presented the status of mapping of NPTEL courses with the courses in the curriculum. • Member Secretary thanked Prof. Gadre for regularly advising the institution and helping in formulation of a Policy regarding mapping of the NPTEL courses with the examination scheme. 	
Agenda No. 9/36	Result of End Semester Examination S-20 [Even Term 2019-2020]
<ul style="list-style-type: none"> • Member Secretary presented the status of results of end semester examination of Summer 2020 (Even Term) to the Board. • All Members applauded for the good results in spite of many restrictions due to pandemic Covid-19. • Prof. Gadre suggested to have mentorship sessions for failure students. 	
Resolution No. 9/36	It is resolved that the Result of End Semester Examination S-20 [Even Term 2019-2020] was approved by the Board.
Agenda No. 10/36	Inter-Institute Collaboration with IITB for Development of NPTEL MOOC under Prof. Gadre
<p>Member Secretary presented the status of collaboration with IIT Bombay in relation to the NPTEL MOOC under Prof. Gadre.</p> <ul style="list-style-type: none"> • Prof. Gadre appreciated the efforts taken by all the faculty members assigned for this joint activity with IIT Bombay. • Member Secretary invited Prof. Khanapurkar for briefing the Board as regards the collaboration with IITB. • Prof. Khanapurkar thanked Prof. Gadre to give the idea and valuable suggestions. He presented the entire journey of inter-institute collaboration for development of NPTEL-MOOC on Digital Signal Processing. • Prof. Khanapurkar conveyed the board that the outcome of this endeavor was invited talk by IEEE Bombay section along with one IEEE conference paper written and presented by him on behalf of team and coauthors. • The MOOC on Digital Signal Processing has been launched and is getting a huge response. • Prof. Gadre requested Prof. Khanapurkar to assist in evaluation of NPTEL Final Examination of assignment submitted by IIT Bombay students. • Once again the Member Secretary thanked Prof. Gadre for continuous support, mentorship and guidance in collaborative work. 	
Agenda No. 11/36	Mission Nano-satellite – Launching of GHRCE Nano-satellite “GHRCEsat”
<ul style="list-style-type: none"> • Member Secretary presented the status of Mission Nano-satellite – Launching of GHRCE Nano-satellite “GHRCEsat” to the Board. • The Board congratulated GHRCE for taking worthy effort for the institute. 	

[C] Any other matter with the permission of Chair

The Member Secretary presented the different awards and achievements of the Institute to the Governing Board.

- ARIIA: As declared by MHRD Government of India GHRCE was 2nd Ranked in the Self-financed institution category in India.
- GHRCE's IIC ranked in 5 Star Top Performer (PAN India only 125 Institutions and only 9 from Maharashtra and only 1 from Nagpur) declared by Ministry of Education and MHRD Government of India.
- AICTE-UTKRISHT SANSTHAN VISHWAKARMA AWARD (USVA) 2020 shortlisted under category 6 innovative teaching.
- Ankush Shikshan Sanstha received the Best Shikshan Sanstha Award by RTMNU
- Ranked 97th (16th in State) India Today MDRA Survey 2020
- Patents granted - 4 (3 Indian and 1 International)
- 07 Patents filed and 21 Copyrights filed
- B. Voc. course in Mobile Communication under Telecom Sector: 30 seats was approved to GHRCE.
- Avishkar - 3 Faculty members received 1.44 Lakhs each.
- Application submitted for NABL accreditation for 2 Laboratories of Civil Dept.
- AICTE-Margdarshak - 2 Faculty Members were selected under this scheme.
- Technology Transfer was carried out by GHRCE. (Digger for GHRU Saikheda)
- MHRD recognized GHRCE as nodal center for conduction of SIH Software edition 2020.
- 2 Teams received first Prize in SIH 2020 of MHRD.
- 6 Products formulated. (Wall mounted Foot operated Sanitizer Dispenser, Ventilator splitter).
- 8 STTPs/FDPs conducted. (1 ATAL FDP, 3 AICTE-STTP, 3 STTPs in association with Professional societies, 1 International STTP).
- MOU with SPIT, Mumbai & SRH University, Heidelberg, Germany for Research collaboration & Credit Transfer Scheme.
- MoU signed with Advance Dental Hospital for research and consultancy.
- Rs. 24.24 Lakhs funding received as grants since June 2020.

The Governing Board congratulated the institute for these remarkable awards and achievements.

- Mr. Abhishek suggested to share the journey of GHRCE during Alumni Meets.
- Prof. Gadre appealed alumni to extend continuous support to the Institution.
- Prof. Atrey informed to present a slide depicting R&D activities like Funding, Consultancy and Projects carried out at GHRCE during the GB Meeting.
- Prof. S.B. Jaju informed the status of all projects submitted, accepted and funded till date and for the current year 2020.
- Ms. Renu enquired about the status of publications of all faculty members & research scholars. Prof. Jaju informed that total 130 publications in reputed journals including WoS publications were done by faculty members and research scholars.
- Member Secretary informed that from the next meeting all suggestions will be incorporated and presented during the GB.
- International Conferences and Media Release: Member Secretary presented the status of International Conferences. He also presented various media releases.

- Prof. Atrey enquired about the admission status and Member Secretary informed the status to the Board that the admission process is yet to start by the Statutory Body.
- The Honorable members of the Board congratulated GHRCE for excellent achievements and extended best wishes for all future endeavors.
- All Honorable Members congratulated Prof. Sachin Untawale, Member Secretary and Director GHRCE for completing one year at GHRCE.

The meeting ended with a Vote of thanks by the Member Secretary.

Sd/-
Prof. Sachin Untawale
Member Secretary



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MINUTES OF 35th MEETING OF GOVERNING BODY

The 35th meeting of Governing Body of G H Raisoni College of Engineering, Nagpur was held on 30th June 2020 at 10:30 am online through Webex platform due to COVID -19. The following Members were present in the meeting:

S.N.	Name of Member	S.N.	Name of Member
1	Shri Sunil Raisoni	9	Ms. Renu Rajani
2	Prof. U. B. Desai	10	Prof. P.V. Walke
3	Prof. V. M. Gadre	11	Prof. S. B. Jaju
4	Prof. Milind Atrey	12	Prof. M. M. Khanapurkar
5	Mr. Sujit Banerjee	13	Prof. D. V. Padole
6	Prof. Ram Nibudey	14	Dr. P. J. Wadhai
7	Mr. R. Muralidharan	15	Prof. Sachin Untawale
8	Mr. Arvin Kumar		

Prof. P. M. Padole, Prof. S. R. Chaudhari, Prof. Dinesh Panjwani, WRO, and Mr. Rohan Khanna were absent due to other assignments.

Member Secretary & Director GHRCE accorded a welcome to the august body for 35th Governing Body Meeting and requested Prof. U. B. Desai to Chair the meeting.

[A] Items for Approval

The following are the minutes of discussion:

Agenda No. 1/35	Approval of the Minutes of the 34 th meeting of Governing Body held on 14 th March 2020
Member Secretary presented Minutes of Meeting of 34 th Governing Body Meeting.	
Resolution No. 1/35	Resolved that the Governing Body unanimously approved the minutes of meeting held on 14 th March 2020.
Agenda No. 2/35	Action Taken report for 34 th Meeting
Member Secretary presented Action Taken Report of 34 th Governing Body Meeting.	

Action Taken Report of 34rd GB Meeting

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/34	Approval of Minutes of 33 rd Governing Body meeting held on 30/11/2019	Resolved that the Governing Body unanimously approved the Minutes of meeting held on 30 th November 2019.	Circulated and uploaded on website.

Agenda No.2/34	Action Taken report of 34 th GB Meeting.	To be implemented from 2020-21 as suggested by Hon. Members.
Resolution No. 2/34	Action Taken report for 34th Meeting was approved by the House	
Agenda No. 3/34	Approval of minutes of 28 th meeting of Academic Council	
Member Secretary presented the minutes of 28 th meeting of Academic Council to the House.		
Resolution No. 3/34	Minutes of 28 th meeting of Academic Council were approved by the House	

Agenda No. 3/35	Approval of minutes of 29 th & 30 th Meetings of Academic Council	
<p>Member Secretary presented Minutes of Meeting of 29th and 30th Academic Council Meetings. Major Approvals by Academic Council with respect to approvals of Minutes of Board of Studies held during first week of June 2020.</p> <ul style="list-style-type: none"> • Scheme of UG Programmes under Boards of Studies, especially Scheme & Syllabus of Data Science UG Programme. • Implementation of Teaching Learning in Split term mode. • Summer Term (online mode) for Final Year students having backlogs of lower Semesters. • Dr. M.M. Khanapurkar, Dean Academics suggested to conduct some practical through online Virtual Lab. • Dr. Desai suggested not to conduct the practical courses through online Virtual Lab. • Dr. Atrey suggested the house to shift practical courses of current semester to next session. 		
Resolution No. 3/35	Resolved that the Governing Body unanimously approved the minutes of 29 th Academic Council meeting held on 3.5.2020 (emergent meeting) and 30 th Academic Council Meeting held on 20.6.2020.	
Agenda No. 4/35	To approve the scheme and syllabus of B. Tech. in Data Science- First year	
Member Secretary informed the house about approval of Data Science Undergraduate Programme with intake of 60 and presented the Scheme and Syllabus of B. Tech. in Data Science- First year Programme to the august body.		

Scheme of B.Tech. in Data Science

Course Code	Name of Course	Course Category	Teaching Scheme				Credits	Evaluation Scheme					Total Marks
			L	T	P	Total Hours		Theory			Practical		
								TAE	CAE	ESE	INT	EXT	
SEMESTER-I													
UBSL151	Matrices and Differential Calculus	BS1	2	1	-	3	3	10	15	50	-	-	75
UBSL101 UBSP101	Engineering Physics	BS2	1	1	2	4	3	10	15	50	25	-	100
UCSL101 UCSP101	Computer Programming	C1	2	-	4	6	4	10	15	50	50	-	125
UCSL102 UCSP102	Foundation of Data Analytics	C2	1	-	2	3	2	10	15	50	25	-	100
UECL103 UECP103	Introduction to Discrete Devices and Circuits	C3	2	-	2	4	3	10	15	50	25	-	100
UITP101	Problem Identification and Design Thinking	A1	-	-	2	2	1	-	-	-	25	-	25
UAIP102	Introduction to Drones	A2	-	-	2	2	1	-	-	-	25	-	25
UECP101	Biomedical Engineering	A3	-	-	2	2	1	-	-	-	25	-	25
TOTAL			8	2	16	26	18						575

Course Code	Name of Course	Course Category	Teaching Scheme				Credits	Evaluation Scheme					Total Marks
			L	T	P	Total Hours		Theory			Practical		
								TAE	CAE	ESE	INT	EXT	
SEMESTER-II													
UBSL152	Integral Calculus and Differential Equations	BS3	2	1	-	3	3	10	15	50	-	-	75
UBSL153	Linear Algebra and Statistics	BS4	2	1	-	3	3	10	15	50	-	-	75
UBSL131 UBSP131	Environmental Chemistry	BS5	1	-	2	3	2	10	15	50	25	-	100
UHUL101 UHUP101	Communication Skills	H1	2	-	2	4	3	10	15	50	25	-	100
UITP102	Programming for Problem Solving	C4	-	-	4	4	2	-	-	-	50	-	50
UECL104 UECP104	Modeling of Digital Circuits	C5	3	-	2	5	4	10	15	50	25	-	100
UECP105	Internet of Things	A4	-	-	2	2	1	-	-	-	25	-	25
UHUP102	Foreign Language	A5	-	-	2	2	1	-	-	-	25	-	25
TOTAL			10	2	14	26	19						550

House congratulated the Institute to start B. Tech. in Data Science Programme.

Resolution No. 4/35	Resolved that the Governing Body unanimously approved the Scheme of B. Tech in Data Science Programme.
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Agenda No. 5/35	If lockdown continues till the start of new session i.e. odd term of 2020-21, approval for undertaking teaching learning and evaluation process through online mode
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Member Secretary presented the below mentioned process to the house.			
Split	Duration	Details	Dates
Split-I	June1 to June 22	<ul style="list-style-type: none"> Online Skill Courses Two per semester Two for every student To ensure 20 Hrs teaching 	20 Days and 20 Hrs. TLP
Split-II	June-23 to August-31	<ul style="list-style-type: none"> Start of online classes for online courses 3 to 4 courses out of 6 to 7 courses 	June 23, 2020
		<ul style="list-style-type: none"> Span of teaching - learning 	45 Days

		<ul style="list-style-type: none"> Tentative last day of teaching 	August 20, 2020		
		<ul style="list-style-type: none"> Teaching load per week to be doubled Continuous Evaluation / Internal examination / Term Work 	40 Hrs. TLP		
		<ul style="list-style-type: none"> ESE (online mode) 	August 24-28, 2020		
		<ul style="list-style-type: none"> Mid semester break : MIS Registration process 	August 28- 31, 2020		
Split- III	September 01 to November 30, 2020	<ul style="list-style-type: none"> Start of on-campus classes (offline Classroom & Laboratory mode) Following social distancing Theory Sessions: Two groups per section Laboratory Sessions: Four batches per section 	September 01, 2020		
		<ul style="list-style-type: none"> Span of teaching and learning 	45 Days		
		<ul style="list-style-type: none"> Tentative last day of teaching 	October 31 , 2020		
		<ul style="list-style-type: none"> Teaching load per week to be doubled 	40 Hrs. TLP		
		<ul style="list-style-type: none"> ESE : Off-line mode (on campus) 	November 02-11, 2020		
		Diwali Break : November 13 - 21, 2020			
		Valuation completion Internship deputation			Last week November-20
Result processing and Announcement			December 01-05, 2020		
Semester Break			December 07-31, 2020		
BoS /AC/ GB Meetings			December 2nd /3rd week		
Start of Even Term: January 01, 2021					
<p>Member Secretary informed the house that the complete semester is divided into splits and examinations will be held online through Google classrooms.</p> <ul style="list-style-type: none"> Prof. Desai enquired about the online teaching process which is adopted by the institute. Member secretary informed that Zoom platform may be used for exam invigilation. Prof. Atray suggested to showcase whole plan to the house. Member Secretary informed that the plan will be shared with the Members. Prof. Desai also suggested to break up the lectures in smaller duration. 					

	<ul style="list-style-type: none"> • Ms. Renu Rajani suggested to invite some professional trainers to train the students online. • Prof. Gadre suggested to depute some faculties and students with him. Prof. Untawale ensured the allotment of faculties and students for six months to work with Prof. Gadre. • Prof. Desai suggested to ask students to come in batches on alternate days for practical sessions. • Prof. Atrey suggested to offer two theory courses from the scheme of next semester in the current semester and practical courses of current semester can be shifted to next semester.
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[B] Items for Information

Agenda No. 6/35	Presentation of Annual report		
Member Secretary informed the House that Annual Report for the session 2019-20 is ready for reference.			
Agenda No. 7/35	NBA Accreditation for three programs.		
Member Secretary presented the status of NBA accreditation to the house as given below.			
S.N	Name of the Course	Date of Approval	Valid till
1.	Electrical Engineering	30/6/2019	30.6.2022
2.	Information Technology	30/6/2018	30.6.2021
3.	Civil Engineering	30/6/2018	
4.	Electronics & Telecomm. Engineering	30/6/ 2020	30.06.2023
5.	Electronics Engineering	30/6/ 2020	
6.	Mechanical Engineering	30/6/ 2020	
7.	Computer Science & Engineering	30/6/2013	30.6.2016
House congratulated the Institute for getting NBA approval for 03 Under Graduate Programmes namely Electronics & Telecomm. Engineering, Electronics Engineering and Mechanical Engineering for 03 Years. The members also appreciated the working committee for bringing laurels to the Institute.			
Agenda No. 8/35	Ranking of institute for NIRF and ARIIA		
Member Secretary presented the status of NIRF ranking and current status of ARIIA Ranking and informed the house that the institution is awaiting for ARIIA Ranking results for the current year.			
It was informed that GHRCE secured a Rank of 139 in India. The house congratulated the institution to get a good NIRF ranking during this year.			
Agenda No. 9/35	Task completed by faculty members during lockdown.		
Member Secretary informed the house that tasks were given to faculty members during lock down to improve their technical and research skills. Summary is as follows:			

Sr. No.	Task No.	Task given	Total submitted
1	Task No.1 20 th March – 31 th March 2020	• Innovative Practical design (2Nos.)	292
		• Innovative method of teaching (2Nos.)	284
		• Paper for Publications In International Journal	218
2	Task 2 1 th April to 20 th April 2020	• Interdisciplinary Research Paper for publication	45
		• Draft Patent application Status	38
		• Copyright Status	83
		• Book / Book Chapter Status	38
3	Task 3 21 th April to 10 th May 2020	• Identification of uncommon/unsolved problem not solved yet and which needs solution	108
04	Task -1 First Year Faculty	• Preparation of List of Refereed/SCI Journals	16
		• Future Scope in last published paper	16
		• List of applicable funding agencies and scheme	16
		• Select one funding agency and prepare a draft	16
		• New experimental setup possible in your lab.	16
		• Preparation of PPT & Lab Manual of your subject.	16
		• Identification of the industry/ organization where we can provide consultancy	16
		• Enlist the testing facility existing in the Department or propose an equipment that can be purchase for testing activity.	16
		• Writing a Patent Proposal of your research area.	2
		• Prepare a document that can be submitted for copyright.	10
05	Task -2 First Year Faculty (Assignments)	• Identify & enlist two 2-5 Days FDP/STTP programs	14
		• Identify & enlist two in-house SDP/FDP/STTP for which you can be a resource person.	13
		• Prepare a detailed document & SOP of one topic that you can give as an expert talk.	13
		• Identify and register in Profession Society	14
		• Identify and enlist the possibility of any two of the following Product Development with target dates: • Book: 1-2, Model: 1-2, Charts: 2/Lab Course	13

06	Task -3 First Year Faculty (Assignments)	• Prepare a question bank and solution set for last 3 examination Question Papers of your subject.	11
		• Identify and document process for 2 innovative methods used for teaching your subject.	14
		• Identify a department & faculty of RGI for a Joint Publication	14
		• Identify departments and topics where you can a co-guide in your institution	14
		• Calculation of attainment of Theory & Practical of your subjects based on offline& online teaching done during this year	8
		• Generating Self-Learning Material of your subject that can be made available to students online or through web portal	14
		• Identification two Curriculum Gaps in your subject	14
		• Identify one topics of Content Beyond Syllabus(Advanced Topic)	14
		• Identify & document if there is a need for refining CO	13

[C] Any other matter with the permission of Chair

The Member Secretary presented the status of online skill Courses which were held during 1st June to 22nd June 2020, status of online cluster wise expert lectures by eminent Professors from IITs and NITs and different achievements by faculty members.

The house congratulated the institute for the achievements. They also appreciated the efforts taken by the Institute in bringing laurels along with recognition and branding of G H Rasoni College of Engineering.

As there were no further points for discussion, the meeting was ended with a vote of thanks by the Member Secretary.

**Sd/-
Prof. Sachin Untawale
Member Secretary**



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MINUTES OF 34th MEETING OF GOVERNING BODY

The 34th meeting of Governing Body of G H Raisoni College of Engineering, Nagpur was held on 14th March 2020 at 10:30 am in the Conference Hall of G H Raisoni College of Engineering, Nagpur. The following Members were present in the meeting:

S.N.	Name of Member	S.N.	Name of Member
1	Shri Sunil Raisoni	8	Prof. P.V. Walke
2	Prof. U. B. Desai	9	Prof. S. B. Jaju
3	Prof. V. M. Gadre	10	Prof. M. M. Khanapurkar
4	Prof. Ram Nibudey	11	Prof. D. V. Padole
5	Mr. R. Muralidharan	12	Prof. S. S. Dorle
6	Ms. Renu Rajani	13	Dr. P. J. Wadhai
7	Prof. S. R. Chaudhari	14	Prof. Sachin Untawale

Mr. Shreyas Raisoni, Prof. P. M. Padole, Prof. Milind Atrey, Prof. Sujit Banerjee, Mr. Arvin Kumar, Prof. Dinesh Panjwani, WRO, and Mr. Rohan Khanna were absent due to other assignments.

On commencement of the meeting, the august house welcomed Prof. Sachin Untawale, the new Director and Member Secretary of Governing Body of GHRCE, Nagpur and congratulated him and wished all success for the new assignment.

Member Secretary & Director GHRCE accorded a welcome to the august body for 34th Governing Body Meeting and requested Prof. U. B. Desai to Chair the meeting.

[A] Items for Approval

The following are the minutes of discussion:

Agenda No. 1/34	Approval of Minutes of 33 rd Governing Body meeting held on 30/11/2019
	Member Secretary presented Minutes of Meeting of 33 rd Governing Body Meeting.
Resolution No. 1/34	Resolved that the Governing Body unanimously approved the minutes of meeting held on 30/11/2019.
Agenda No. 2/34	Action Taken report for 33 rd Meeting
	Member Secretary presented Action Taken Report of 33 rd Governing Body Meeting.

Action Taken Report of 33rd GB Meeting

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/33	Approval of Minutes of 33 rd Governing Body meeting held on 30 th November 2019.	Resolved that the Governing Body unanimously approved the Minutes of meeting held on 30 th November 2019.	Circulated and uploaded on website.
Agenda No.2/33	Action Taken report of 33 rd BoG Meeting.	<p>NPTEL: All GB Members opined to obtain feedback from students who went through this scheme and then some decision can be made in the next meeting. Till that time Institute can follow the NPTEL policy suggested by the Academic Council of the Institute.</p>	Online Google form was shared with the students to obtain the feedback and analysis on the basis of responses is presented to the GB in 34 th Meeting of the GB.
<p>Funding: Prof. Desai suggested to rename the term as Sponsored Project Grants or Research Funding.</p>		Complied.	
<p>Smart City: Prof. Desai suggested to collect pollution data</p>		Students from Department of Artificial Intelligence visited G. H. Rasoni University, Saikheda and collected the data.	
<p>MoU: Ms. Renu Rajani suggested to sign MoU with Government Agencies for getting environment data.</p>		MoU is signed with NEERI (National Environmental Engineering & Research Institute) and activity is planned.	

Resolution No. 2/34 Action Taken report for 33rd Meeting was approved with following suggestions

NPTEL: Based on the feedback analysis presented by the Member Secretary, discussions were carried out and the following suggestions were given by the Honorable Members:

- Prof. Gadre suggested to run Blended MOOCs with NPTEL courses in the institute and only one End Semester Examination shall be there for the NPTEL course at institute level.
- Tutorials and Assignments can be given to the students for continuous internal assessment in this scheme, based on NPTEL Assignments.
- Prof. Desai also was of the opinion to run the course with Blended MOOCs and exam at institute level only to be taken.
- Prof. Desai Suggested to follow uniformity in running NPTEL courses for students in the institute. He also added that he and Prof. Gadre will talk to National NPTEL Administrator at IIT Madras to add one more exam for failure or pending students as an attempt to clear the backlog.
- Prof. Desai also opined that for conducting End Semester examination for NPTEL courses, past questionnaires of NPTEL courses can be referred for setting question papers.

	<ul style="list-style-type: none"> • Prof. Khanapurkar informed that students who wish to appear for NPTEL Certification Exam, can go ahead for the same. This would be an additional achievement for the students. • Prof. Gadre further said that one faculty member can be assigned to each course if it is running in Blended MOOCs mode to mentor the students. • Mr. R. Muralidharan requested Prof. Gadre to frame a systematic policy for NPTEL Courses. Dr. Gadre agreed to provide this help and prepared a comprehensive policy document along with the Dean Academics based on the discussions. The Policy is attached in Annexure-I.
Agenda No. 3/34	Approval of minutes of 28 th meeting of Academic Council
Member Secretary presented the minutes of 28 th meeting of Academic Council to the House.	
Resolution No. 3/34	Minutes of 28 th meeting of Academic Council were approved with following suggestions.
<p>The major points were:</p> <ul style="list-style-type: none"> • Minutes of 27th Academic Council Meeting. • Action Taken Report on 27th Academic Council Meeting. • Approval of Minutes of Board of Studies. • Approval of Panel of Examiners. <ol style="list-style-type: none"> 1. Prof. Gadre suggested to present Impact Analysis on CTS, Peer Teaching and Internship in the next meeting. 2. Member Secretary requested the house to suggest whether to provide separate Certificate for additional learning courses or should be put in a same grade card of that semester. 3. Prof. Desai suggested that additional learning courses can be shown if student successfully completes the courses. One comprehensive transcript can be given to students at the time of completion of the degree by putting all the grades of all successfully completed courses. 4. He also suggested to provide training to industry people on advanced skills for which our faculties are trained. 	
Agenda No. 4/34	Approval of Panel of Examiners for Summer 2020 examinations.
Member Secretary presented the panel to the House.	
Resolution No. 4/34	The house approved the Panel of Examiners for Summer-2020 examinations.
Agenda No. 5/34	Report on status of preparedness for UG/PG/ Ph.D. admissions.
Member Secretary presented the report to house.	
Resolution No. 5/34	GB lauded the efforts put in by the team for the preparedness.
Agenda No. 6/34	Approval of Institute Budget for 2020-21 session. 6.1 Teaching & Non-Teaching, 6.2 Fees requirement, 6.3 Infrastructure & 6.4 Capital Budget
Member Secretary presented the Institute Budget for 2020-21 session to the House.	
Resolution No. 6/34	The house approved the Institute Budget for 2020-21 session.

[B] Items for Information

Agenda No. 1	Floating industry based electives.
Member Secretary informed the House that the Institute has planned to offer at least 2 industry based electives from each department from next session to increase industry institute linkages in various aspects like Students Placements, Internships, Curriculum design etc. The syllabi would be provided by the industry itself and with collaboration of industry and institute, the courses will be taught with practical exposure and hands-on practices.	
Resolution	All the members appreciated the concept and encouraged to run this scheme at the institute.
Agenda No. 2	Various grants applied and approved.
Member Secretary presented the various grants applied for new session 2019-20 and grants sanctioned for last session from the Government agencies.	
Resolution	The GB Members appreciated the efforts taken by the institution.
Agenda No. 3	Status of ARIIA Ranking.
Member Secretary presented the current status of ARIIA Ranking and informed the house that the institution is awaiting for the ARIIA Ranking results for the current year.	
Resolution	The house wished the institution to get a good ranking this year too.
Agenda No. 4	G H R Connect-Industry meet
Member Secretary informed the house that GHR Connect is proposed to be planned on 25 th April 2020. About 120 delegates from across the Globe are expected to participate in the event. 2 Panel Discussions and 3 Key Note addresses are planned during the event. The event is proposed to be organized in collaboration with well-known companies like TCS, Mahindra & Mahindra, Accenture etc.	
Resolution	The GB applauded the efforts and wished all success for the event.
Agenda No. 5	International Summit on AIML.
Member Secretary informed the house that International summit on AIML was successfully organized at GHRCE with 20 renowned speakers, 2 Key Note, 1 Panel discussion. More than 50 participants from this region participated in this summit.	
Resolution	The GB congratulated the team for organizing this recent technology summit.

[C] Any other matter with the permission of Chair

The house congratulated the institute for getting grants and also suggested to increase the same in coming years. They also appreciated the efforts taking to plan out Industry Connects and inviting eminent Speakers across the globe for the same which is helpful in bringing laurels to the institutes along with recognition and branding of GHRCE.

As there was no further points to discuss, the meeting ended with vote of thanks by the Member Secretary.

Sd/-

Prof. Sachin Untawale
Member Secretary



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MINUTES OF 33RD MEETING OF GOVERNING BODY

The 33rd meeting of Governing Body of G. H. Raison College of Engineering, Nagpur was held on 30th November 2019 at 10:00 am in the Conference Hall of G. H. Raison College of Engineering, Nagpur. The following Members were present in the meeting

S.N.	Name of Member	S.N.	Name of Member
01	Mr. Shreyas Raison	13	Prof. Preeti Bajaj
02	Prof. U. B. Desai	14	Prof. S. S. Dorle
03	Prof. Milind Atrey	15	Dr. M. A. Gaikwad
04	Prof. P. M. Padole	16	Dr. R. S. Shelke
05	Prof. V. M. Gadre	17	Ms. Nekita Chavhan
06	Mr. Sujit Banerjee	18	Prof. P. Diagavane
07	Ms. Renu Rajani	19	Prof. B. V. Khode
08	Prof. P.V. Walke	20	Mrs. A. V. Thomas
09	Prof. M. M. Khanapurkar	21	Prof. B. P. Butey
10	Prof. S. B. Jaju	22	Dr. Preeti Rai
11	Prof. D. V. Padole	23	Dr. B. R. Vidhale
12	Dr. P. B. Nagarnaik		

Shri Sunil Raison, Mr. Arvind Kumar, Mr. R. Muralidharan, Prof. Dinesh Panjwani, WRO, Prof. S. R. Chaudhari and Mr. Rohan Khanna have been granted leave for absence.

Prof. Preeti Bajaj, Member Secretary and Director GHRCE welcomed august members for 33rd Governing Body Meeting and requested Prof. P. V. Walke, Dy. Director to proceed for the presentation.

The following agenda was discussed:

Agenda no-1/33: Approval of Minutes of 32nd Governing Body meeting held on 30th June 2019.

Dy. Director presented Minutes of Meeting of 32nd Governing Body Meeting.

Resolution no -1/33: Resolved that the Governing Body unanimously approved the Minutes of meeting held on 30th June 2019.

Agenda no.2/32: Action Taken report for 32nd Meeting of Governing Body.

Dy. Director presented action taken report on 32nd Governing Body Meeting.

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/32	Approval of Minutes of 31 th Governing Body meeting held on 9 th March 2019.	Resolved that the Governing Body unanimously approved the Minutes of meeting held on 9 th March 2019.	Circulated and uploaded on website
Agenda No.2/32	Action Taken report for 31 th Meeting.	<ul style="list-style-type: none"> • NPTEL: Prof. Desai suggested that internally NPTEL courses to be offered can be decided & whole class should opt for that subject. Prof. Gadre said that the blended MOOCs and having mentor faculty who shall attend & also mentor the students. • Dual Major: Prof. Desai suggested to rename the scheme as “Double Major” and requested Dr. S. R. Choudhari, University Nominee to pursue the matter in the University. • B. Tech. In Artificial Intelligence: Prof. Atrey suggested to write letters to AICTE, UGC, ISO, NSW, DRDO and PSUs to make B. Tech. Artificial Intelligence to be eligible for Jobs & higher education. 	<ul style="list-style-type: none"> -Implemented from current session -61 Courses, -09 Departments, -22 Courses had registered by whole classes -1267 Students and 57 faculties have been registered for the NPTEL courses. • Letter was sent to University and awaited for reply • Letters have been sent and Emails to UGC and AICTE also sent.
Agenda No.-4/32	To approve the list of Graduands for 6 th Graduation day.	House unanimously approved the list of Graduands who shall pass in Summer/Vacation/Summer Term 2019 examinations to be eligible for award of degree.	Provisional Degree awarded to all final year students and result data submitted to RTMNU for final degree award. Grade cards were issued to the other students in Foundation Day.
Points for Information	Academic and Administrative audit:	<ul style="list-style-type: none"> • Dr. Atrey Suggested that more funded projects to be there at the Institute although various schemes 	<ul style="list-style-type: none"> • Applied for grants and fetching each applications. • Heads of the Department of

		<p>are availed from AICTE & other bodies.</p> <ul style="list-style-type: none"> • AI and IoT, should not converted into hobby clubs • Smart City • 5G Technologies • CFD Training • R & D Presentation 	<p>Electronics Engg and Electrical Engineering are working on Hubs and Spoke to fetch the funding with VNIT. Mail was sent and awaited for their reply</p> <ul style="list-style-type: none"> • 39 AI Based Agriculture projects identified and students are working on 33 projects. The List is attached. • Smart City Project is under development • 670 Students on AI and 256 Students on ML trainings have benefited. • 142 Students are befitted with IoT Skill. • 101 Students benefited with 5G Skills • 68 Students are benefited with CFD Skills • The Presentation shall be presented in the next meeting by Dean R & D
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Resolution no -2/32: Resolved that the Governing Body unanimously approved action taken report on 32nd Governing Body meeting with following suggestions.

NPTEL: All the members have requested to obtain the feedback from students who went through this scheme and then we can make some decision in the next meeting till that time Institute can follow the NPTEL policy suggested by the Academic Council of the Institute.

Funding: Dr. Desai suggested to rename the term as Sponsored Project Grants or Research Funding.

Smart City: Member Secretary informed the house that there are 11 projects identified in association with NMC, Nagpur and shortly MoU will be signed with them.

Dr. Desai suggested to collect pollution data, Dr. Banerjee suggested to collect information related to the wastage of Fuel.

Ms. Renu Rajani suggested to sign MoU with government agencies for getting environment data.

Mrs. Thomas informed the house that our students are regularly visiting G. H. Raison University, Saikheda, Chhindwara to collect data regarding environment.

Agenda no-3/32: Approval of minutes of 27th meeting of Academic Council

The main points were:

- Approval of Minutes of 26th Meeting Academic Council held on 29/06/2019
- Action taken report for 26th Academic Council Meeting
- Panel of examiners
- NPTEL Policy and Statistics

Resolution no.3/32: Minutes of 27th meeting of Academic Council was approved by the house.

Points for information:

Nomenclature of BE. To B. Tech.: Member Secretary expressed the status of nomenclature of B.E to B. Tech that UGC has approved the nomenclature and submitted to the University for Information.

Autonomous Ph. D.: Member Secretary stated that it is under process and shall be implemented from January 2020 or at max July 2020 for new batch.

Data Science Summit: House has appreciate the efforts taken to organize such summits.

International Conferences: House congratulated the Institute for organizing International Conferences. Dr. Desai suggested to change the mode of conferences by forming the groups of participants in the conference and let them to have discussion for at least one hour. Then group leader can be invited for conclusion of their research at the end of the conferences.

All members have appreciated the efforts taken by the Institute. Meeting ended with vote of thanks by Member Secretary.

Member Secretary



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MINUTES OF 32nd MEETING OF GOVERNING BODY

The 32nd meeting of Governing Body of G.H. Raisoni College of Engineering, Nagpur was held on 30th June 2019 at 09:30 am in the Conference Hall of G.H. Raisoni College of Engineering, Nagpur. The following Members were present in the meeting

S.N.	Name of Member	S.N.	Name of Member
01	Shri Sunil Raisoni	15	Ms. Nekita Chavhan
02	Prof. U. B. Desai	16	Dr. U. N. Shrawankar
03	Prof. Milind Atrey	17	Dr. R. S. Shelke
04	Prof. V. M. Gadre	18	Dr. V. R. Bora
05	Dr. Sujit Banerjee	19	Prof. P. Diagavane
06	Mr. Arvind Kumar	20	Prof. P. Y. Pawade
07	Ms. Renu Rajani	21	Dr. P. B. Nagarnaik
08	Prof. S. R. Chaudhari	22	Dr. B. R. Vidhale
09	Prof. P.V. Walke	23	Dr. S. Nanigrani
10	Prof. S. B. Jaju	24	Mrs. A. V. Thomas
11	Prof. D. V. Padole	25	Mrs. S. Pillai
12	Prof. Preeti Bajaj	26	Dr. G. S. Sakarkar
13	Prof. S. S. Dorle	27	Mr. P. S. Ghatode
14	Dr. K. D. Joshi		

Prof. P. M. Padole, Mr. R. Muralidharan, Prof. Dinesh Panjwani, WRO, Mr. Rohan Khanna and Prof. M. M. Khanapurkar have been granted leave for absence.

Prof. Preeti Bajaj, Member Secretary & Director GHRCE welcomed august body for 32nd Governing Body Meeting and requested Prof. U. B. Desai to Chair the meeting.

The following agenda was discussed:

Agenda no-1/32: Approval of Minutes of 31th Governing Body meeting held on 9th March 2019. Member Secretary presented Minutes of Meeting of 31th Governing Body Meeting.

Resolution no -1/32: Resolved that the Governing Body unanimously approved the Minutes of meeting held on 9th March 2019.

Agenda no.2/32: Action Taken report for 31th Meeting.

Member Secretary presented action taken report on 31th Governing Body Meeting.

Sr. No.	Agenda	Action taken
Agenda no-1/31	Approval of Minutes of 30th Governing Body meeting held on 13/11/2018	Minutes are Circulated and uploaded on website
Agenda no-2/31	Action Taken Report for 30th Meeting.	ATR is Circulated and uploaded on website
Agenda no-3/31	Approval of minutes of 25th meeting of Academic Council	Subcommittee meeting was held and NPTEL courses policy is finalized which shall be presented in the next meeting of BOG. Academic Council Minutes were Approved and Uploaded on Website Please find Annexure-I for NPTEL Policy
Agenda no-4/31/a	Approval of Double Major Scheme	The scheme is prepared as per suggestions.
Agenda no-4/31/b	"Major" to replace by "Honors"	The nomenclature of "Major" will be replaced by "Honors" and submitted to university for information.
Agenda no-5/31	Minor in Artificial Intelligence	As per suggestions, the scheme was prepared.
Agenda no-7/31	Scheme of B. Tech. in Artificial Intelligence	The scheme is prepared as per suggestions and ready to offer from 2019-20 session.
Agenda no-8/31	Approval of budget for 2019-20 session	The budget was approved.

Resolution no -2/32: Resolved that the Governing Body unanimously approved action taken report on 31st Governing Body meeting with following suggestions.

NPTEL: Prof. Desai suggested that internally NPTEL courses to be offered can be decided & whole class should opt for that subject.

Prof. Gadre said that the blended MOOCs and having mentor faculty who shall attend & also mentor the students.

Dual Major: Prof. Desai suggested to rename the scheme as "Double Major" and requested Dr. S. R. Choudhari, University Nominee to pursue the matter in the University.

B. Tech. In Artificial Intelligence: Prof. Arey suggested to write letters to AICTE, UGC, ISO, NSW, DRDO and PSUs to make B. Tech. Artificial Intelligence to be eligible for Jobs & higher education.

Agenda no-3/32: Approval of minutes of 26th meeting of Academic Council

The main points were:

- Approval of Minutes of 25th Meeting Academic Council held on 03/03/2019

- Action taken report for 25th Academic Council Meeting
- List of Graduands & Statistics
- Internal Evaluation report
- BOS of First year Engineering
- BOS of B. Tech. in Artificial Intelligence Programme
- To approve scheme and syllabus of B. Tech. in Artificial Intelligence-BE First Y

For Information

- Chairman and Members of BOS of B. Tech. in Artificial Intelligence Programme
- Academics and Administrative Audit

Resolution no.3/32: Minutes of 26th meeting of Academic Council was approved by the house.

Agenda no-4/31: To approve the list of Graduands for 6th Graduation day.

Controller of Examinations presented the result analysis, statistics of Graduands for both UG, PG under autonomy and presented summary and List of Gold, Silver, Medalists and toppers from each section. Also Achievers Award Criteria and Best PG Thesis criteria and name of awardees.

Summary			Total Recommended Award of Degree
EXAM	UG	PG	(UG + PG)
S-2019	1287	186	1473
S-2018	21	0	21
S-2017	2	0	2
S-2016	1	0	1
Grand Total	1311	186	1497

List of Gold Medal Awardees

SN	UG/PG	Program	Sec	CGPA	Position	Name of Graduate
1	UG	CIV	B	9.85	Gold / Silver / Topper 1st	Rahul Waghmare
2	PG	TRE	A	9.91	Gold / Silver	Chintaman Santosh Bari
3	PG	MBA	A	9.76	Gold	Sharmistha Chakraborty

List of Silver Medal Awardees

SN	UG/PG	Program	Sec	CGPA	Position	Name Of Graduate
1	UG	CIV	B	9.85	Gold / Silver / Topper 1st	Rahul Waghmare

2	UG	CSE	B	9.85	Silver / Topper 1st	Rupanshu Ashok Janbandhu
3	UG	ELE	B	9.71	Silver / Topper 1st	Aditi Sudhir Zurmure
4	UG	ETRX	B	9.75	Silver / Topper 1st	Mrunali Suresh Patil
5	UG	ETC	B	9.64	Silver	Shubhangee Sunil Bhagat
6	UG	IFT	A	9.56	Silver / Topper 1st	Sagar Yogesh Pandey
7	UG	MEC	C	9.81	Silver / Topper 2nd	Shubham Vishveshwar Malode
8	PG	ENV	A	8.90	Silver	Dishali Diwakar Hirulkar
9	PG	STR	A	9.63	Silver	Priya Shamrao Bhurse
10	PG	CSE	A	9.34	Silver	Sujata Damodhar More
11	PG	IPS	A	9.04	Silver	Sneha Moreshwar Waghare
12	PG	PED	A	9.13	Silver	Neha Tulsiram Makode
13	PG	ETRX	A	9.75	Silver	Prajakta Ashok Satpute
14	PG	VLSI	A	9.14	Silver	Javeriya Zainab Abdulnabi Shaikh
15	PG	CME	A	9.26	Silver	Devyani Gunwant Shobhane
16	PG	CAD-CAM	A	9.58	Silver	Aditya Dipendra Pannase
17	PG	HPE	A	8.83	Silver	Karan Ashok Kamble
18	PG	MCA	A	9.59	Silver	Rakshanda Dilip Shende
19	PG	TRE	A	9.91	Gold / Silver	Chintaman Santosh Bari

List of Toppers Awardees

RANK	DEGREE	BRANCH	SECTION	SGPA	NAME
1	BE	CIV	A	9.94	Ashay Ashok Sawarkar
2	BE	CIV	A	9.93	Chandan Harishchandra Kamdi
1	BE	CIV	B	10	Rahul Waghmare
2	BE	CIV	B	9.75	Yogita Shrikrushna Ingle
1	BE	CSE	A	10	Chetan Suresh Hingnekar
2	BE	CSE	A	9.7	Hrishikesh Pramod Deshmukh
1	BE	CSE	B	9.92	Rupanshu Ashok Janbandhu
2	BE	CSE	B	9.74	Shreyas Pravin Deshmukh
1	BE	CSE	C	9.78	Shrutika Sanjayrao Modak
2	BE	CSE	C	9.76	Sunny Rajesh Belankar
1	BE	CSE	D	9.84	Jahid Salim Quraishi
2	BE	CSE	D	9.74	Prajwal Yadavrao Tekade
1	BE	ELE	A	10	Ritesh Balpande
2	BE	ELE	A	9.92	Chaitanya Dnyaneshwar Shambharkar
1	BE	ELE	B	9.75	Aditi Sudhir Zurmure
2	BE	ELE	B	9.74	Bhashik Rajesh Kamble
1	BE	ETX	A	9.61	Devshree Rajesh Bhongade
2	BE	ETX	A	9.34	Ashish Yadubans Singh
1	BE	ETX	B	9.93	Mrunali Suresh Patil

2	BE	ETX	B	9.91	Ritesh Dilip Kukde
1	BE	ETC	A	9.87	Bhavika Ravishankar Kewalramani
2	BE	ETC	A	9.73	Ashish Mathur
1	BE	ETC	B	9.91	Rahul Bhagwan Sonwane
2	BE	ETC	B	9.79	Vijay Rammoorat Mourya
1	BE	ETC	C	9.92	Satyam Shashwat
2	BE	ETC	C	9.56	Shruti Patankar
1	BE	ETC	D	9.66	Chetan Gajanan Lokhande
2	BE	ETC	D	9.61	Sumegh Gajendera Tembhurne
1	BE	IFT	A	10	Sagar Yogesh Pandey
2	BE	IFT	A	9.87	Shridhar Shirishrao Deshpande
1	BE	MEC	A	9.31	Pavankumar Bhausahab Biradar
2	BE	MEC	A	9.27	Pankaj Ramesh Khare
1	BE	MEC	B	9.85	Prathamesh Vivek Deshpande
2	BE	MEC	B	9.75	Rushikesh Baburao Bhimewar
1	BE	MEC	C	9.8	Ankit Wasudeo Bhende
2	BE	MEC	C	9.78	Shubham Vishveshwar Malode
1	BE	MEC	D	9.93	Shubham Baraskar
2	BE	MEC	D	9.57	Saurabh Bandu Dange

Best Student/ Achiever Awardees

SN	UG/ PG	Program	Sec	CGPA	Position	Name Of Graduate
1	UG	EE	B	7.49	Best Student	Harshal Dhiraj Khandekar
2	UG	MEC	C	7.86	Best Student	Bharatbhushan Ramakant Dwarkevasi

Resolution No. 4/31: House unanimously approved the list of Graduands who shall pass in Summer/Vacation/Summer Term 2019 examinations to be eligible for award of degree.

Agenda no-5/32: To approve scheme and syllabus of B. Tech in Artificial Intelligence-BE First Year Member Secretary presented the updated Scheme & syllabus of B. Tech. in Artificial Intelligence which was approved by house.

Agenda no-6/32: Approval of post for Teaching & Non-Teaching

Member Secretary presented the requirement for the post for Teaching & Non-Teaching before the house.

Total Teaching Posts-240

Total Non-Teaching-292

Details are given in annexure-I.

Resolution no-6/32: House unanimously approved the post of Teaching and Non-Teaching staff.

Any other point:

- **BE to B. Tech:** It was resolved that from 2019-20 all under graduate Programmes are renamed with B. Tech. instead of B. E.

- **BOS:** Every Board of Studies should have at least one member from IIT which was clarified by Member Secretary that it is already there.
- **Funding:** There should be joint funding for GHRCE with IIT and NIT on Hub & Spoke model.

Points for Information

- Presentation of Annual report.
House has appreciated the Institute to conduct many events which resulted in to fruitful outcomes.
- **Presentation of Intellectual Capital Report:**
House has appreciated the Institute to have more R & D activities like Patents, Grants, Conferences and many other.
- **Ranking of Institute for NIRF and ARIIA:**
House has congratulated the Institute for achievements.
- **Academic and Administrative audit:**
Audit report was presented by Prof. V. M. Gadre and Prof. M. D. Atrey by highlighting major points and house appreciated the institute for all initiatives taken under Autonomy. As per UGC there was requirement for peer review of whole process of Academic & R & D, where we have seen, the institute has grown considerably from last audit. Various initiatives taken especially kind of internship, linkages to industry. Institute has all round growth of students, lots of efforts to cater students at all level.

Dr. Atrey added that, students are doing exceptionally well, Institute is catered to very well ordinary students. Institute is looking at new initiatives like B Tech in AI. Better utilize ordinary students from best students. More funded projects to be there at the Institute although various schemes are availed from AICTE & other bodies. He further said, I could see the enthusiasm in AI and IoT, but it should not converted into hobby clubs. Problem statements can be looked at beginning otherwise innovation will not lead to product. He also advised not to carry away with numbers. He also recommended to train students on CFD, 5G technologies, Open Forum, Smart City, IoT specially and informed that the Civil Department has to improve.

Prof. Desai suggested to keep R & D presentation in next meeting. He also advised that the patents only cannot be seen as Innovation otherwise progress is very sharp especially on innovation & entrepreneurship very well.

All members have appreciated the efforts taken by the Institute. Meeting ended with vote of thanks by Member Secretary.



PROF. PREETI BAJAJ
Member Secretary



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Action Taken Report on 32ND MEETING OF GOVERNING BODY

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/32	Approval of Minutes of 31 th Governing Body meeting held on 9 th March 2019.	Resolved that the Governing Body unanimously approved the Minutes of meeting held on 9 th March 2019.	Circulated and uploaded on website
Agenda No.2/32	Action Taken report for 31 th Meeting.	<ul style="list-style-type: none">• NPTEL: Prof. Desai suggested that internally NPTEL courses to be offered can be decided & whole class should opt for that subject. Prof. Gadre said that the blended MOOCs and having mentor faculty who shall attend & also mentor the students.• Dual Major: Prof. Desai suggested to rename the scheme as "Double Major" and requested Dr. S. R. Choudhari, University Nominee to pursue the matter in the University.• B. Tech. In Artificial Intelligence: Prof. Atray suggested to write letters to AICTE, UGC, ISO, NSW, DRDO and PSUs to make B. Tech. Artificial Intelligence to be eligible for Jobs & higher education.	<ul style="list-style-type: none">• Implemented from current session -61 Courses registered by students & faculty members, -09 Departments, -22 Courses had registered under credit transfer -1259 students and 52 Faculties have been registered for NPTEL Courses• Awaited for reply from University• Letters have been sent and Emails to UGC and AICTE also sent.

Agenda No.-4/32	To approve the list of Graduands for 6th Graduation day.	House unanimously approved the list of Graduands who shall pass in Summer/Vacation/Summer Term 2019 examinations to be eligible for award of degree.	Provisional Degree awarded to all final year students and result data submitted to RTMNU for final degree award. Grade cards were issued to the other students in Foundation Day.
Any Other Point	BE to B. Tech	It was resolved that from 2019-20 all under graduate Programmes are renamed with B. Tech. instead of B. E.	UGC has approved the nomenclature
	Funding	There should be joint funding for GHRCE with IIT and NIT on Hub & Spoke model.	Heads of the Department of Electronics Engg and Electrical Engineering are working on Hubs and Spoke to fetch the funding with VNIT. The Request mail to VNIT has been sent and awaited for their reply.
Points for Information	Academic and Administrative audit:	<ul style="list-style-type: none"> • Dr Atrey Suggested that more funded projects to be there at the Institute although various schemes are availed from AICTE & other bodies. • AI and IoT, should not converted into hobby clubs • 5G Technologies • CFD & Automobile Engineering • R & D Presentation • Civil Department Efforts 	<ul style="list-style-type: none"> • Applied for grants and fetching each applications. • 40 AI Based Agriculture projects identified and students are working on 33 projects. The List is attached. • Smart City Project is under development and MoU is under process • 09 Students benefited with 5G Technology Skills • 68 Students are benefited with CFD & Automobile Engineering Skills • The Presentation shall be presented in the next meeting by Dean R & D • The Presentation shall be presented in the next meeting by HoD, Civil

PROF. PREETI BAJAJ
Member Secretary



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MINUTES OF 31ST MEETING OF GOVERNING BODY

The 31st meeting of Governing Body of G.H. Raisoni College of Engineering, Nagpur was held on 9th March 2019 at 10:00 am in the Conference Hall of G.H. Raisoni College of Engineering, Nagpur. The following Members were present in the meeting

S.N.	Name of Member	S.N.	Name of Member
01	Prof. U. B. Desai	11	Prof. D. V. Padole
02	Prof. P. M. Padole	12	Prof. Preeti Bajaj
03	Prof. Sujit Banerjee	13	Prof. S. S. Dorle
04	Shri. Gulabrao Thakre	14	Dr. K. D. Joshi
05	Mr. Arvind Kumar	15	Ms. Nekita Chavhan
06	Dr. R. Muralidharan	16	Dr. U. N. Shrawankar
07	Ms. Renu Rajani	17	Dr. R. S. Shelke
08	Prof. P.V. Walke	18	Dr. V. R. Bora
09	Prof. S. B. Jaju	19	Dr. Meenakshi Arya
10	Prof. M. M. Khanapurkar	20	Prof. B. P. Butey

Shri. Sunil Raisoni, Prof. Milind Atrey, Prof. Dinesh Panjwani, Prof. S. R. Chaudhari, WRO, Prof. V. M. Gadre, and Mr. Rohan Khanna have been granted leave for absence.

Prof. Preeti Bajaj, Member Secretary & Director GHRCE welcomed august body for 31st Governing Body Meeting and requested Prof. U. B. Desai to Chair the meeting.

The following agenda was discussed:

Agenda no-1/31: Approval of Minutes of 30th Governing Body meeting held on 13/11/2018
Member Secretary presented Minutes of Meeting of 30th Governing Body Meeting.

Resolution no -1/31: Resolved that the Governing Body unanimously approved the Minutes of meeting held on 13/11/2018.

Agenda no.2/31: Action Taken report for 30th Meeting.

Member Secretary presented action taken report on 30th Governing Body Meeting.

Sr. No.	Agenda	Action taken
Agenda No-1/30	Approval of Minutes of 29 th Governing Body meeting held on 30/06/2018	Minutes uploaded on college website
Agenda No.2/30	Action Taken report for 29 th Meeting.	Report uploaded on college website
Agenda No.3/30	Approval of Minutes of 24 th Academic Council Meeting.	Minutes uploaded on college website
Agenda No.-4/30	Discussion on Margdarshan Scheme	Faculties have been invited to attend the theory classes and workshops which will be held at GHRCE
Agenda No.-5/30	Discussion on NAAC Mentoring scheme	Action plan has been sent to NAAC office regarding mentee institutes and accordingly action shall be taken
Agenda No.-8/30	Status of Online Teaching	Policy for online/activity based/ project based teaching is prepared
Agenda No.-10/30	Credit Transfer Scheme with Industries	Committee is already there 1. Dean Academics 2. Controller of Examinations 3. Respective Head of Department Policy has been prepared
Agenda No.-11/30	Admission & Closing of Courses	Scheme for double major is proposed.
Agenda No.-12/30	Ecosystem for Entrepreneurship (Ignite +NMC Startup)	Mr. Ashwinkumar Wasnik for incubation center is appointed One concrete policy to be prepared
Agenda No.-13/30	Media Coverage	Centralized coordinator has been informed for the same and shall be implemented soon.
Agenda No.-1/14/30	Discussion on Dual Major programme.	Committee of two members namely Prof. M. M. Khanapurkar and Prof. D. V. Padole is formed to pursue the matter. Heads have prepared Dual Major scheme which is forwarded to Prof. V. M. Gadre.

Resolution No.2/31a: Policy for Credit Transfer Scheme was approved by the house.

Resolution No.2/31b: Dr. Murlidharan suggested to keep policy ready for backups of examinations and results for ready reference so that if in future some committee visits the campus and asks for data regarding examinations conducted in online mode, then we can produce the data readily. Dr. Desai suggested to offer more flexibility in examination writing answers.

Variation in Intake & Closure of Courses: Member Secretary informed the house regarding variation in Intake & closure of courses as per given in below table.

Sr. No.	Name of Course	Old Intake	Proposed New Intake/ Remark
1	BE. Electronics & Tele. Engineering (FY)	180	60
2	BE. Electronics & Tele. Engineering (DSY)	60	Applied for closure
3	BE. Electronics Engineering	120	60
4	BE. Information Technology	60	180
5	BE/BTECH Artificial Intelligence	-	Applied for new course with 60 intake
6	M. Tech Heat Power Engineering	18	Applied for closure
7	M. Tech Environmental Engineering	18	Applied for closure
8	M. Tech Power Electronics & Drives	24	Applied for closure
9	M. Tech Electronics Engineering	18	Applied for closure
10	M. Tech Computer Science & Engineering	36	18

Resolution no. 2/31c: Proposal on variation in intake and closure of programmes approved by the house.

Agenda no-3/31: Approval of minutes of 25th meeting of Academic Council

Resolution no.3/31: Minutes of 25th meeting of Academic Council was approved.

The main points were:

- Minutes of 24th Academic Council Meeting
- Action Taken Report on 24th Academic Council Meeting
- Approval of Minutes of Board of Studies
- Dual Major Scheme
- New Scheme of M. Tech. Courses
- Minor in Artificial Intelligence
- Policy for Online/Activity Based/Project Based examinations
- CTS with Industry
- Scheme of BE/ B. Tech. in Artificial Intelligence (approved through circulation)
- Panel of Examiners
- Equivalence of NPTEL courses
- Results of odd semester (Winter 2018)
- Variation in intake and closure of courses

Resolution no. 3/31/a: Equivalence of NPTEL courses: Member Secretary presented the equivalence policy for NPTEL courses and following suggestions were received.

Member Secretary has formed two members committee to look into the matter namely Mr. Arvind Kumar and Dr. S. S. Dorle. They shall discuss with faculty members and obtain feedback.

After discussion it was decided that on the basis of feedback received from faculty members equivalence policy to be prepared. First revised policy to be discussed in Academic Council meeting and then present in next Governing Body meeting.

Agenda no-4/31: Approval of Dual Major Scheme

Member Secretary presented the Dual Major Scheme prepared by all the departments.

Resolution no-4/31: After healthy discussion, the house has approved the Dual Major Scheme with following suggestions.

- Prof. Desai suggested to put Degree & Dual Major instead of Major.
- Ms. Renu Rajani Suggested to complete Dual Major within 4 years of degree.
- Prof. Bajaj requested the house to allow to complete Dual Major courses in Summer Terms and then Prof. Desai agreed with this point.
- Prof. Padole suggested to offer this scheme to meritorious students and can be allowed for weaker students for additional one more year after 4 years i. e. in 9th and 10th semesters.
- Also suggested by all members that Prof. Gadre should be involved in review of Dual Major Scheme regularly.

At the end all the members of the august house have appreciated the efforts taken to prepare this scheme and pursue the matter.

Agenda no-5/31: Minor in Artificial Intelligence

Member Secretary presented and explored the Minor in Artificial Scheme.

Resolution no-5/31: The house approved the Minor in Artificial Intelligence Scheme with following suggestions.

- Mr. Murlidharan suggested to combine Applications of AI in Industry 4.0 and AI in Manufacturing Processes
- Mr. Arvind Kumar suggested that AI in Digital Marketing and Data Analytics can be added

Agenda no-7/31: Scheme of BE/ B. Tech. in Artificial Intelligence.

Resolution no-7/31: The house approved the BE/B. Tech in Artificial Intelligence Scheme with following suggestions.

- Prof. Desai suggested to sign MoU with CDAC for guidance in some courses of Artificial Intelligence Scheme.
- Prof. Padole suggested to sign MoU with TCS and IIT Hyderabad for mentoring Artificial Intelligence Programme.
- Prof. Bajaj requested Prof. Desai to mentor our faculty members by IIT Hyderabad regarding Artificial Intelligence Programme.

- Mr. Arvind Kumar raised that after completion of Artificial Intelligence Degree by student, positive outcome to assure.
- It was suggested to prepare the planning for expert teaching faculty available to teach AI courses and asked to present in the next meeting.

Agenda no-8/31: Approval of budget for 2019-20 session.

Member Secretary presented the budget before the house. All the members have appreciated the expenditure done on R & D component compare to other colleges.

Resolution no-8/31: The house unanimously approved the budget for 2019-20 session.

It was suggested that more national print media to be covered for branding the Institute.

At the end of the meeting house has appreciated the efforts taken to bring Nidhi TBI project and fetching grant to the Institute. Dr. Banerjee suggested to go for FIST project and students can also do internships from TBI.

Also congratulated the Institute to conduct GHR Connect and International Summit on AI

Meeting ended with vote of thanks by Member Secretary.

PROF. PREETI BAJAJ
Member Secretary



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Action Taken Report on 31st MEETING OF GOVERNING BODY

Sr. No.	Agenda	Discussion	Action taken
Agenda no-1/31	Approval of Minutes of 30th Governing Body meeting held on 13/11/2018	Member Secretary presented Minutes of Meeting of 30th Governing Body Meeting	Minutes are Circulated and uploaded on website
Agenda no-2/31	Action Taken Report for 30 th Meeting.	Member Secretary presented action taken report on 30 th Governing Body Meeting	ATR is Circulated and uploaded on website
Agenda no-3/31	Approval of minutes of 25 th meeting of Academic Council	<p>Member Secretary presented Minutes of minutes of 25th meeting of Academic Council</p> <p>3/31/a: Member Secretary presented the equivalence policy for NPTEL courses and following suggestions were received. Member Secretary has formed two members committee to look into the matter namely Mr. Arvind Kumar and Dr. S. S. Dorle. They shall discuss with faculty members and obtain feedback.</p> <p>After discussion it was decided that on the basis of feedback received from faculty members equivalence policy to be prepared. First revised policy to be discussed in Academic Council meeting and then present in next Governing Body meeting.</p>	<p>Subcommittee meeting was held and NPTEL courses policy is finalized which shall be presented in the next meeting of BOG. Academic Council Minutes were Approved and Uploaded on Website</p> <p>Please find Annexure-I for NPTEL Policy</p>

Agenda no-4/31	Approval of Dual Major Scheme	<p>Member Secretary presented the Dual Major Scheme prepared by all the departments.</p> <p>After healthy discussion, the house has approved the Dual Major Scheme with following suggestions.</p> <ul style="list-style-type: none"> • Prof. Desai suggested to put Degree & Dual Major instead of Major. • Ms. Renu Rajani Suggested to complete Dual Major within 4 years of degree. • Prof. Bajaj requested the house to allow to complete Dual Major courses in Summer Terms and then Prof. Desai agreed with this point. • Prof. Padole suggested to offer this scheme to meritorious students and can be allowed for weaker students for additional one more year after 4 years i. e. in 9th and 10th semesters. • Also suggested by all members that Prof. Gadre should be involved in review of Dual Major Scheme regularly. 	<p>The scheme is prepared as per suggestions.</p> <p>The nomenclature of “Major” will be replaced by “Honors” and submitted to university for approval.</p>
Agenda no-5/31	Minor in Artificial Intelligence	<p>Member Secretary presented and explored the Minor in Artificial Intelligence Scheme.</p> <p>The house approved the Minor in Artificial Intelligence Scheme with following suggestions.</p> <ul style="list-style-type: none"> • Mr. Murlidharan suggested to combine Applications of AI in Industry 4.0 and AI in Manufacturing Processes • Mr. Arvind Kumar suggested that AI in Digital Marketing and Data Analytics can be added 	<p>As per suggestions, the scheme was prepared.</p>
Agenda no-7/31	Scheme of BE/ B. Tech. in Artificial Intelligence	<p>The house approved the BE/B. Tech in Artificial Intelligence Scheme with following suggestions.</p> <ul style="list-style-type: none"> • Prof. Desai suggested to sign MoU with CDAC for guidance in some courses of Artificial Intelligence 	<p>The scheme is prepared as per suggestions and Offered from 2019-20 session.</p>

		<p>Scheme.</p> <ul style="list-style-type: none"> • Prof. Padole suggested to sign MoU with TCS and IIT Hyderabad for mentoring Artificial Intelligence Programme. • Prof. Bajaj requested Prof. Desai to mentor our faculty members by IIT Hyderabad regarding Artificial Intelligence Programme. • Mr. Arvind Kumar raised that after completion of Artificial Intelligence Degree by student, positive outcome to assure. • It was suggested to prepare the planning for expert teaching faculty available to teach AI courses and asked to present in the next meeting 	
Agenda no-8/31	Approval of budget for 2019-20 session	<p>Member Secretary presented the budget before the house. All the members have appreciated the expenditure done on R & D component compare to other private colleges.</p> <p>It was suggested that more national print media to be covered for branding the Institute.</p> <p>At the end of the meeting house has appreciated the efforts taken to bring Nidhi TBI project and fetching grant to the Institute. Dr. Banerjee suggested to go for FEST project and students can also do internships from TBI.</p>	The budget was approved.

PROF. PREETI BAJAJ
Member Secretary



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Guidelines for NPTEL Courses

The Students

1. Learning and assessment are different processes. And both to be considered separately. Whole discussion was around that NPTEL is with objective to encourage students to take up courses from best faculties and to compete at National level and wherein best teachers are not available and to give more flexibility in learning environment.
2. MIS provision for original marks and in case of elite, provision for that entry.
3. For one year as trial and refined policy after one year.
4. Undertaking of student for s/he is agreed to abide the rules and regulations.
5. All students need not to be enrolled.
6. Course mapping and credits mapping is very important and to be done at the time of course registration at GHRCE.
7. TAE to be mapping with assignments. Marks of NPTEL is to be converted into 20 and to be given for all CAE (marks of NPTEL*20/75) and student need to appear for end semester examination.
8. ESE by GHRCE but exemption for elite and grade to be given 'A'.
9. This cannot be applicable for Honor/Minor.
10. Maximum credits can be 32 by online/NPTEL together within first degree. Maximum 2 per semester.
11. There shall be an opportunity for multiple attempts-02 examinations (ESE and Vacation) at GHRCE and in NPTEL (NPTEL+ Vacation exam of GHRCE).
12. In case student fail in NPTEL then his CAE shall be based on his NPTEL final score only however if he is absent in NPTEL examination then his CAE score shall be zero.
13. The weightage of the courses of NPTEL shall be applicable for the same semester

Course Mapping with NPTEL

Name of the Student:

GHRCE Course	NPTEL Course
Branch/ Term:	Branch/ Term:
Section/ Roll No.:	Course Name:
Course Name:	Registration No:
Instructor:	Instructor:
Course Start Date:	Course Start Date:
Course End Date:	Course End Date:
Exam Date:	Exam Date:
Credits:	Credits:
Hours:	Hours:
Grade:	Grade:

CAE (Class Assessment Examination)

Exam Name	Assessment Parameter	Calculations of CAE marks
CAE I	Two Assignments	Average of the assignments will be converted out of 20 marks of GHRCE
CAE II	Two Assignments	
CAE III	Two Assignments	

TAE (Teacher Assessment Examination)

Exam Name	Assessment Parameter	Calculations of TAE marks
TAE I	Average of Two Assignments	75% marks and above – 4 Marks
TAE II		65% - 74.99% marks - 3 Marks
TAE III		60% - 64.99% marks - 2 Marks
		50% - 59.99% marks - 1 Marks
	Less than 50% marks – 0 Marks	
TAE IV	Attendance	
TAE V	T & P Test (AMCAT)	
TAE VI	Co- Curricular Activity/	
TAE VII	Extra-Curricular Activity	

Internal Marks (CAE + TAE) : Total internal marks out of 25 will be converted into out of 40.

ESE (End Semester Examination):

Approximate GHRCE Grades	NPTEL Grades
Approximate GHRCE Grades (Relative)	
> 90 % - AA	> 90 % - Gold
80-90 % - AB	80-90 % - Silver
70-79 % - BB	60-79 % - Elite
60-69 % - BC	40-59 % - Successfully Pass
50-59 % - CC	< 40 % - Fail
45-49 % - CD	
40-44 % - DD	
< 40 % - FF	

Examination: Student has to appear for end semester examination to obtain the grade.

G.H. RAISONI COLLEGE OF ENGINEERING

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MINUTES OF 30th MEETING OF GOVERNING BODY

The 30th meeting of Governing Body of G.H. Raisoni College of Engineering, Nagpur was held on 13th November 2018 at 10:00 am in the Conference Hall of G.H. Raisoni College of Engineering, Nagpur. The following Members were present in the meeting

S.N.	Name of Member	S.N.	Name of Member
01	Prof. U. B. Desai	10	Prof. S. R. Chaudhari
02	Prof. P. M. Padole	11	Prof. P.V. Walke
03	Prof. Milind Atrey	12	Prof. S. B. Jaju
04	Prof. V. M. Gadre	13	Prof. M. M. Khanapurkar
05	Shri. Gulabrao Thakre	14	Prof. D. V. Padole
06	Mr. Arvind Kumar	15	Prof. Preeti Bajaj
07	Mr. R. Muralidharan	16	Prof. S. S. Dorle
08	Ms. Renu Rajani	17	Prof. S. D. Giripunje
09	Mr. Shashikant Choudhary	18	Ms. Nekita Chavhan

Shri. Sunil Raisoni, Dr. Dinesh Panjwani, WRO, Dr. Sujit Banerjee, and Mr. Rohan Khanna have been granted leave for absence.

Prof. Preeti Bajaj, Member Secretary & Director GHRCE welcomed august body for 30th Governing Body Meeting and introduced all the new members and requested Prof. U. B. Desai to Chair the meeting. Meeting started with visiting BETiC Laboratory at GHRCE under IIT Bombay and house appreciated the initiative.

The following agenda was discussed:

Agenda no-1/30: Approval of Minutes of 29th Governing Body meeting held on 30/06/2018
Member Secretary presented Minutes of Meeting of 29th Governing Body Meeting.

Resolution no -1/30: Resolved that the Governing Body unanimously approved the Minutes of meeting held on 30/06/2018.

Agenda no.2/30: Action Taken report for 29th Meeting.

Member Secretary presented action taken report on 29th Governing Body Meeting.

Sr. No.	Agenda	Action taken
Agenda no.1/29	Approval of Minutes of 28 th Governing Body meeting held on 18/04/2018	Minutes were approved and uploaded on website. Also circulated among all members.
Agenda	Action Taken report on 28 th BOG	Action Taken Report of 28 th

no.2/29	Meeting.	Meeting is approved, and circulated amongst all.
Agenda no.3/29	Approval of minutes of 23 rd meeting of Academic Council	Minutes were approved and uploaded on website. Also circulated among all members.
Agenda no.4/29	To approve the list of Graduands for 5th Graduation day.	Statistics and Report on graduation day is attached.
Agenda no.5/29	New Academic Council members for session 2018-21	New Academic council members were approved for the session 2018-21.
Agenda no.6/29	Approval of List of new BOS members	List was approved for all Board of Studies actual members.
Agenda no.9/29	Branding	It is ongoing and shall be presented in the meeting

Resolution no.2/30: Action Taken Report of 29th Meeting was approved.

Agenda no-3/30: Approval of minutes of 24th meeting of Academic Council

Resolution no.3/30: Minutes of 24th meeting of Academic Council was approved.

The main points were:

- Minutes of 23rd Academic Council Meeting
- Action Taken Report on 23rd Academic Council Meeting
- Approval of Minutes of Board of Studies
- New rules and regulations
- Panel of Examiners
- Extension of six months industry internships
 - At Lawkim Motors Group | Godrej & Boyce Mfg. Co. Ltd. Khandala, Satara
 - At Armacell India Pvt. Ltd, Pune.
- Absorption of non CBCS to CBCS.
- Updated list of Electives.

Agenda no-4/30: Discussion on Margdarshan Scheme

House congratulated and appreciated the efforts taken by the Institute for being a part of Margdarshan Scheme of AICTE to guide and train faculties from other 10 Institutes from the region.

Prof. U. B. Desai suggested to ask faculties from other colleges to attend theory lectures in our Institute.

Agenda no-5/30: Discussion on NAAC Mentoring scheme

NAAC has selected GHRCE to mentor 10 Institutes/Colleges of the region to improve their quality and bring them for minimum score for 2.5 CGPA by the year 2022. Mentoring sessions were conducted for MKSSS' Cummins College of Engineering for Women and Palloti College of Engineering, Nagpur on 24th September 2018 by Prof. Preeti Bajaj, Director, Chairman of Academic Council and mentor of said scheme.

Agenda no-6/30: Discussion on Awards & Honors received by the Institute.

Member Secretary presented the awards and honors received by the faculty members and students before house.

House congratulated and appreciated the efforts taken by the Institute for bringing many laurels.

Agenda no-7/30: Status of B.E. to B. Tech & Autonomous Ph. D. status.

Member Secretary informed the status of B.E. to B. Tech & Autonomous Ph. D. to the house and requested Prof. S. R. Choudhary to pursue the matter. He said that the matter is already put in the Academic Council and it is under process.

Agenda no-8/30: Status of Online Teaching

Member Secretary presented the status of online teaching.

Agenda no-9/30: New Initiatives- Empower & Moodle

Member Secretary presented new initiatives in the form of Empower and Moodle courses for students.

House appreciated the efforts taken by the institute to conduct Empower sessions and Moodle courses for students.

Agenda no-10/30: Credit Transfer Scheme with Industries

Member Secretary presented the status of Credit Transfer Scheme with Industries and Institutes. She also quoted that some requests received from the industries to extend students internships for another six months due to their good performance in the Industry.

- Prof. Atrey suggested that one concrete policy for the extension should be prepared.
- Prof. Desai suggested that internal committee member shall discuss and approve the names of students who have requested for extensions or Industry have requested for their extension.

Resolution no-10/30:

Member Secretary informed the house about committee which is already there for discussion and approval of names.

Agenda no-11/30: Admission & Closing of Courses

Member Secretary informed the house regarding status of Electronics Engineering programmes due to less demand.

- Mr. Arvind Kumar said that still Electronics is in demand and it is being transformed from Electronics to IoT.
- Ms. Renu Rajani enquired about the reason behind closure of Electronics and more focus on Computer Science.
- Prof. U. B. Desai answered that due to more openings and high package offered in Computer Science, more students are going for double major in Computer Science.

Resolution no-11/30:

All the members suggested that it can be closed temporarily and can be restarted when it will be in demand.

Agenda no-12/30: Ecosystem for Entrepreneurship (Ignite +NMC Startup)

Member Secretary presented the status of Incubation Center. All the members appreciated the efforts undertaken to call new startups with following suggestions

- Ms. Renu Rajani suggested to invite Dr. Chari to conduct motivational workshops for students to groom in startups.
- Prof. Atrey suggested that the Laboratory experiments shall be used by others in starting new startups. He also added that faculties can be invited to start their startups in form of founders and mentors.
- Prof. Desai suggested to motivate faculty members to start their startups and give non paid leaves for one or two years. Also suggested to get proposals prepared & take feedback from Mr. Shashikant Choudhary who is invited industry expert from Angel Investor, Nagpur and then come with concrete proposal.
- Mr. Shashikant Choudhary suggested to bring them for pre incubation stage and form of promotion money, grants or salary and licensing to allow.
- Prof. Atrey suggested to decrease load of faculty members who are opting for startups.
- Prof. Bajaj requested to allow for such cases & give relaxation so that they can be an Entrepreneur.

Resolution no-12/30: House was agree for the proposal, suggested to proceed for the same, draft a policy & present in the next meeting.

Agenda no-13/30: Media Coverage

Director presented the media coverage to the house and house has appreciated all the achievements of the Institute.

All the members have suggested to cover National Media for publishing more achievements of the institute.

Agenda no-14/30: Any other matter with the permission of Chair

Agenda no-1/14/30: Status of BETiC laboratory established in the Institute

Director presented the status of BETiC laboratory and requested all honorable members to visit the laboratory. All the members visited the center and appreciated the efforts undertaken by all with following suggestions.

- Prof. Desai suggested to keep Mechanical Engineering faculties in the lab.
- Member Secretary, Prof. Bajaj informed the house about the areas consider for BETiC lab i.e. Biomedical and Healthcare.
- It was suggested that at least 05 faculties should be dedicated for all first year students to work on Bio-medical projects.
- 40 branch specific people shall work on Health care projects

Agenda no-2/14/30: Discussion on dual degree programme.

- Prof. Desai suggested that double major can be offered and requested Prof. S. R. Chaudhary to pursue the matter further in the University.
- Prof. S. R. Chaudhary said that the matter & proposal are submitted to Academic Council of RTMNU and assured that the double major proposal shall be presented before Board of University.

- Prof. Desai also suggested to offer the same within 05 years from the institute with one year extra for second major
- Prof. V. M. Gadre suggested to give double major after completion of first major and remaining (after removing overlapping) courses of other major can be covered in remaining one year out of 05 years.
- He also suggested that the peer mentoring shall be done for the scheme.
- Ms. Renu Rajani suggested to convey students in first year to choose their branch & allow them in second year to do so. Also suggested to create role models in faculties in major or dual major.
- Prof. Desai also suggested to give choice for major or double major. This is specifically considering job market where most of the students having Computer Science degree are getting opportunities.

Resolution no-4/14/30:

Director has formed the committee of two members namely Prof. M. M. Khanapurkar and Prof. D. V. Padole to prepare proposal for double major.

Meeting ended with vote of thanks by Member Secretary.



PROF. PREETI BAJAJ
Member Secretary

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Action Taken Report on 29TH MEETING OF GOVERNING BODY

Sr. No.	Agenda	Discussion	Action taken
Agenda No-1/30	Approval of Minutes of 29 th Governing Body meeting held on 30/06/2018	Resolved that the Governing Body unanimously approved the Minutes of its meeting held on 30/06/2018.	Minutes uploaded on college website
Agenda No.2/30	Action Taken report for 29 th Meeting.	Action Taken Report of 29 th Meeting was approved.	Report uploaded on college website
Agenda No.3/30	Approval of Minutes of 24 th Academic Council Meeting.	Minutes of 24 th meeting of Academic Council was approved.	Minutes uploaded on college website
Agenda No.-4/30	Discussion on Margdarshan Scheme	House congratulated and appreciated the efforts taken by the Institute for being a part of Margdarshan Scheme of AICTE to guide and train faculties from other 10 Institutes from the region. Prof. Desai suggested to ask faculties from other colleges to attend theory lectures in our Institute.	Faculties have been invited to attend the theory classes and workshops which will be held at GHRCE
Agenda No.-5/30	Discussion on NAAC Mentoring scheme	NAAC has selected GHRCE to mentor 10 institutes/Colleges of the region to improve their quality and bring them for minimum score for 2.5 CGPA by the year 2022. Mentoring sessions were conducted for MKSSS' Cummins College of Engineering for Women and Palloti College of Engineering, Nagpur on 24 th September 2018 by Prof. Preeti Bajaj, Director, Chairman of Academic Council and mentor of said scheme.	Action plan has been sent to NAAC office regarding mentee institutes and accordingly action shall be taken
Agenda No.-8/30	Status of Online Teaching	Director presented the status of online teaching.	Policy for online/activity based/ project based teaching is prepared (Please refer Annexure-I)

Agenda No.- 10/30	Credit Transfer Scheme with Industries	<p>Director presented the status of Credit Transfer Scheme with Industries and Institutes. She also quoted that some requests received from the industries to extend students internships for another six months due to their good performance in the Industry.</p> <ul style="list-style-type: none"> • Prof. Atrey suggested that one concrete policy for the extension should be prepared. • Prof. Desai suggested that internal committee member shall discuss and approve the names of students who have requested for extensions or Industry have requested for their extension. 	<p>Committee is already there</p> <ol style="list-style-type: none"> 1. Dean Academics 2. Controller of Examinations 3. Respective Head of Department <p>Policy has been prepared</p>
Agenda No.- 11/30	Admission & Closing of Courses	<p>Prof. Preeti Bajaj informed the house regarding status of Electronics Engineering programmes due to less demand.</p> <ul style="list-style-type: none"> • Mr. Arvind Kumar said that still Electronics is in demand and it is being transformed from Electronics to IoT. • Ms. Renu Rajani enquired about the reason behind closure of Electronics and more focus on Computer Science. • Prof. Desai answered that due to more openings and high package offered in Computer Science, more students are going for Computer Science. 	<p>Scheme for double major is proposed.</p>
Agenda No.- 12/30	Ecosystem for Entrepreneurship (Ignite +NMC Startup)	<p>Director presented the status of Incubation Center. All the members appreciated the efforts undertaking to call new startups with following suggestions</p> <ul style="list-style-type: none"> • Ms: Renu Rajani suggested to invite Prof. Chari to conduct motivational workshops for students to groom in startups. • Prof. Atrey suggested that the Laboratory experiments shall be used by others in starting new startups. He also added that faculties can be invited to start their startups. They may be founders or mentors. 	<p>Mr. Ashwinkumar Wasnik for incubation center is appointed One concrete policy to be prepared</p>

		<ul style="list-style-type: none"> • Prof. Desai suggested to motivate faculty members to start their startups and give non paid leaves for one or two years. Also suggested to get proposals prepared & take feedback from Mr. Shashikant Choudhary who is Invited industry expert from Angel Investor, Nagpur and then come with concrete proposal. • Mr. Shashikant Choudhary suggested to bring them for pre incubation stage and form of promotion money, grants or salary and licensing to allow. • Prof. Atrey suggested to decrease load of faculty members who are opting for startups. 	
Agenda No.- 13/30	Media Coverage	<p>Director presented the media coverage to the house and house has appreciated all the achievements of the Institute.</p> <p>All the members have suggested to cover National Media for publishing more achievements of the institute.</p>	Centralized coordinator has been informed for the same and shall be implemented soon.
Agenda No.- 1/14/30	Discussion on double major programme.	<ul style="list-style-type: none"> • Prof. Desai suggested that double major degree course can be offered and requested Prof. S. R. Chaudhary to pursue the matter further in the University. • Prof. S. R. Chaudhary said that the matter & proposal are submitted to Academic Council of RTMNU and assured that the dual degree proposal shall be presented before Board of University. • Prof. Desai also suggested to offer the same within 05 years degree from the institute with one year extra for second major • Prof. V. M. Gadre suggested to give double major after completion of first major and remaining (after removing overlapping) courses of other major can be covered in remaining one year out of 05 years. He also suggested that the peer mentoring shall be done for the scheme. 	<p>Committee of two members namely Prof. M. M. Khanapurkar and Prof. D. V. Padole is formed to pursue the matter.</p> <p>Heads have prepared double major scheme which is forwarded to Prof. V. M. Gadre.</p>

		<ul style="list-style-type: none">• Ms. Renu Rajani suggested to convey students in first year to choose their branch & allow them in second year to do so. Also suggested to create role models in faculties in major or dual major.• Prof. Desai also suggested to give choice for major or double major. This is specifically considering job market where most of the students having Computer Science degree are getting opportunities.	
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PROF. PREETI BAJAJ
Member Secretary

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MINUTES OF 29th MEETING OF GOVERNING BODY

The 29th meeting of Governing Body of G.H. Raisoni College of Engineering, Nagpur was held on 30th June 2018 at 10:00 am in the Conference Hall of G.H. Raisoni College of Engineering, Nagpur. The following Members were present in the meeting

S.N.	Name of Member	S.N.	Name of Member
01	Dr. U. B. Desai	09	Dr. Dinesh Panjwani ABSENT
02	Dr. Milind Atrey	10	Dr. S. R. Chaudhari
03	Shri. Gulabrao Thakre	11	Ex-Officio
04	Dr. Sujit Banerjee	12	Ex Officio
05	Mr. Arvind Kumar	13	Dr. P.V. Walke
06	Mr. R. Muralidharan	14	Dr. S. B. Jaju
07	Mr. Rohan Khanna	15	Dr. B. P. Butey
08	Ms. Renu Rajani	16	Dr. Preeti Bajaj

Dr. Dinesh Panjwani, WRO and Shri. Sunil Raisoni have been granted leave for absence. Dr. Preeti Bajaj, Director GHRCE welcomed august body for 29th Governing Body Meeting and requested Dr. U. B. Desai to Chair the meeting.

The following agenda was discussed:

Agenda no-1/29: Approval of Minutes of 28th Governing Body meeting held on 18/04/2018

Resolution no -1/29: Resolved that the Governing Body unanimously approved the Minutes of its meeting held on 18/04/2018.

Agenda no.2/29: Action Taken report for 28th Meeting.

Resolution no.2/29: Action Taken Report of 28th Meeting is approved.

Agenda no-3/29: Approval of minutes of 23rd meeting of Academic Council

- Dr. Desai suggested to teach IoT for H-Devices also go with specific syllabus which is getting momentum.
- Mr. Rohan Khanna suggested to introduce Emotional Intelligence.
- Ms. Renu Rajani suggested to teach IoT by considering Machine Learning, Artificial Intelligence and Embedded System into it.
- All the members are suggested to prefer at least one outside members in BOS shall be from IITs

- Director informed the house that Dr. Akira Nishimura from MIE University, Japan shall be teaching Energy Sources and Audit course to first year students in August. Ms. Renu Rajani suggested to allot some topics from this course to Mr. R. Murlidharan.
- Dr. Desai suggested that Gyan resource persons can be invited to GHRCE.
- All the members have appreciated to have outside members in every BOS from IITs and NITs.
- Dr. Desai suggested that Dr. Yogesh Desai, Dean Academics, IIT Bombay can be invited for external academic audit as a member.

Resolution no.3/29: Minutes of 23rd meeting of Academic Council is approved

The points were:

- Results of Summer 2018
- List of 1342 Graduates for 4th Graduation day.
- Report of Internal Evaluation Committee
- Engineering Scheme for 2018-19 onwards.
- Result analysis and statistics of Graduands
- List of new BOS members
- Achievements of the Institute
- Replacing nomenclature of grades in transcripts from session 2018-19.
- Starting of Ph. D. programme

Agenda no-4/29: To approve the list of Graduands for 5th Graduation day.

- Dr. Desai suggested to call higher degree students first while distributing passing certificate on the stage on Graduation Day Ceremony. Also suggested to invite Gold Medalist for speech in Graduation Day Ceremony.
- Dr. Desai and other members suggested to not to give Toppers' award every year to same students. Students can avail maximum 02 opportunities in alternate year.
- For PG Dissertation award, Dr. Atrey suggested to call VNIT professor to assess the dissertation personally or 03 Board members see presentation of PG students.
- All the members have suggested to give Achievers' Award to two students that is one from best outgoing male and other best outgoing female.

Resolution no.4/29: List of Graduates for 5th Graduation Day was approved with total candidates.

Under Graduate Name of Department	Recommendation For Degree						Total
	Summer 2018	Summer 2017	Summer 2016	Summer 2015	Summer 2014	Summer 2005	
Civil Engineering	150	1	0	0	1	0	152
Computer Science & Engineering	203	2	0	0	0	0	205
Electrical Engineering	147	4	0	0	0	0	151
Electronics Engineering	136	8	0	0	0	0	144
Electronics & TeleComm. Engineering	191	7	3	0	0	0	201

Information Technology	77	2	0	0	0	0	79
Mechanical Engineering	241	5	0	0	0	0	246
Computer Technology (RTMNU Scheme)	0	0	0	0	0	1	1
TOTAL	1145	29	3	0	1	1	1179

Post Graduate Name of Department	Recommendation For Degree						Total
	Summer 2018	Summer 2017	Summer 2016	Summer 2015	Summer 2014	Summer 2005	
Environmental Engineering	4	0	1	0	0	0	5
Transportation Engineering	15	1	0	0	0	0	16
Structural Engineering	9	0	0	0	0	0	9
Computer Science & Engineering	11	1	0	0	0	0	12
Integrated Power System	10	0	0	0	0	0	10
Power Electronics & Drives	0	0	0	0	0	0	0
Electronics Engineering	0	0	0	0	0	0	0
VLSI	9	3	0	0	0	0	12
Communication Engineering	4	0	0	0	0	0	4
CAD /CAM	7	0	0	0	0	0	7
Heat Power Engineering	10	0	0	0	0	0	10
Embedded System & Computing	0	1	0	0	0	0	1
Wireless Comm. & Computing	0	0	0	0	0	0	0
Mobile Technology	0	0	0	0	0	0	0
Master of Computer Application (MCA)	32	1	2	0	0	0	35
Master of Business Administration (MBA)	42	0	0	0	0	0	42
TOTAL	153	7	3	0	0	0	163

List of Medalist, Toppers and Achiever:-

ACHIEVER FOR SUMMER-2018 (UG)				
SR.NO	NAME	BRANCH	SEC	FINAL CGPA
1	PRASENJEET ROY	CSE	B	9.83
2	SHREYANSH ADLAK	MEC	B	7.71
GOLD MEDALIST FOR SUMMER-2018 (UG)				
SR.NO	NAME	BRANCH	SEC	FINAL CGPA
1	PRAGATI N PATHAK	CSE	B	9.93
SILVER MEDALIST FOR SUMMER-2018 (UG)				
SR.NO	NAME	BRANCH	SEC	FINAL CGPA
1	HARJIT KAUR KHALSA	CIV	A	9.56
2	PRAGATI N PATHAK	CSE	B	9.93
3	CHETAN SUBHASHRAO RAUT	ELE	A	9.71
4	PAVANI SHAH	ETRX	A	9.72
5	DEEPALI SHARAD GHAWALKAR	ETC	A	9.56
6	KIRAN CHANDRAKUMAR GWALANI	IFT	A	9.20
7	NILESH DINESH JALAN	MEC	A	9.74

GOLD MEDALIST FOR SUMMER-2018 (PG)				
SR.NO	NAME	BRANCH	SEC	FINAL CGPA
1	SNEHAL SURESH DEOTALE	IPS	A	9.85
2	KAJAL PRAMOD SARDA	MBA	A	9.52
SILVER MEDALIST FOR SUMMER-2018 (PG)				
SR.NO	NAME	BRANCH	SEC	FINAL CGPA
1	SNEHAL SURESH DEOTALE	IPS	A	9.85
2	HRUCHA SANJAY BABHULKAR	CAD	A	9.83
3	SHASHANK DNYANESHWAR BHUJADE	HPE	A	9.85
4	PRAJAKTA BHIMRAO RATHOD	VLSI	A	9.51
5	PALAK SANJEEV AGRAWAL	CSE	A	9.15
6	PIYUSH RADHESHYAM NIMJE	ENV	A	8.80
7	MOHIT VASANT MANWATKAR	STR	A	9.74
8	SOURABH C. LADHI	TPN	A	9.33
9	SHRUTIKA CHAWARE	CME	A	9.45
10	SIMPI	MCA	A	9.42
LIST OF TOPPERS BASED ON AVG SGPA FOR WINTER-17/SUMMER-2018 (UG)				
SR.NO	NAME	BRANCH	SEC	AVG SGPA
1	NEIL SANJEEV THOMBARE	CIV	A	9.95
2	NIKHIL SHESHRAO RAMTEKE	CIV	A	9.88
3	SHIVANI RAMESH BHOYAR	CIV	B	9.68
4	YASHASWI KESHAV THAKARE	CIV	B	9.58
5	ASHU RAVINDRA PAWAR	CSE	A	9.88
6	MRUDUL DESHBHRATAR	CSE	A	9.86
7	PRAGATI N PATHAK	CSE	B	10.00
8	PRASENJEET ROY	CSE	B	10.00
9	PANKAJ PRAMIL NARKHEDE	CSE	C	9.59
10	MOHIT VIVEK KOSEKAR	CSE	C	9.26
11	APARNA PRADIP KADU	ELE	A	9.95
12	GAURAV LAXMIKANT SARODE	ELE	A	9.92
13	YOGESH RATAN AMBHORE	ELE	B	10.00
14	SHUBHAM MUNNALAL LILHARE	ELE	B	9.92
15	ANUJ ARVIND BARAHATE	ETX	A	9.98
16	ANURAG AJAY MALWAR	ETX	A	9.74
17	UMESH SUBHASH SIDDHEWAR	ETX	B	9.98
18	TANUJA MARTAND NAKADE	ETX	B	9.79
19	KOMAL SANJAYRAO SAWALAKHE	ETC	A	9.98
20	VEDANT SATISH KOLARKAR	ETC	A	9.89
21	PURVA DEEPAK SUTE	ETC	B	10.00
22	SONALI AJAY LOKHANDE	ETC	B	9.93
23	CHETAN SANJAY KALE	ETC	C	9.96
24	GOPAL SUNIL RATHOD	ETC	C	9.73
25	KIRAN CHANDRAKUMAR GWALANI	IFT	A	9.87
26	SUBODH DUBEY	IFT	A	9.72

27	NILESH DINESH JALAN	MEC	A	9.98
28	NISARG PRADEEP KHANDARE	MEC	A	9.66
29	PAYAS SHRIKANT NIMJE	MEC	B	9.82
30	SHREYAS SHRIKANT PANDE	MEC	B	9.74
31	ARPAN ULHAS CHITANVIS	MEC	C	9.57
32	PRASHANT PRABHAKAR KAMANE	MEC	C	9.55
33	SHUBHAM PARCHAND	MEC	D	9.81
34	MANDAR VIJAY KSHIRSAGAR	MEC	D	9.65

• **Best PG Dissertation Award**

SR. NO.	PARTICULAR	NAME OF STUDENT	M.TECH COURSE	DISSERTATION TITLE
1	CORE BRANCH	HRUCHA BABHULKAR	CAD/CAM	Design Modification And Analysis Of Head Load Sharing Apparatus For Farm Worker And Vegetable Vendors.
2	CIRCUIT BRANCH	SHIVANI SHINDE	COMM	Design and implementation of UWB UHF antenna for radar application

House recommended all Graduands.

Agenda no-5/29: New Academic Council members for session 2018-21

Resolution no-5/29: House unanimously approved new members of Academic Council.

Agenda no-6/29: New BOS members for session 2018-21

Resolution no-6/29: House unanimously approved new members of Board of Studies of various departments for three years (i. e. 2018 to 2021) with few changes.

Agenda no-7/29: Presentation of Annual report.

Resolution no-7/29: House unanimously approved the Annual report of 2017-18 session.

Agenda no-8/29: India Today-MDRA ranking

Resolution no-8/29: House appreciated efforts of Institute to bring in the national ranking.

Agenda no-9/29: Any other matter with permission of the Chair.

- Ms. Renu Rajani suggested to form small group for branding & Mr. Rohan Khanna can take lead role in that for branding of GHRCE.
- Dr. U. B. Desai suggested to have Master of Ceremony from 3rd year students on Graduation Day.

Meeting ended with vote of thanks by Member Secretary.

Dr. Preeti Bajaj
Member Secretary

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CRPF Gate No.3, Digdoh Hills, Hingna Road, Nagpur-16.

Action Taken Report on 29th MEETING OF GOVERNING BODY

Sr. No.	Agenda	Action taken
Agenda no.1/29	Approval of Minutes of 28 th Governing Body meeting held on 18/04/2018	Minutes were approved and uploaded on website. Also circulated among all members.
Agenda no.2/29	Action Taken report on 28 th BOG Meeting.	Action Taken Report of 28 th Meeting is approved, and circulated amongst all.
Agenda no.3/29	Approval of minutes of 23 rd meeting of Academic Council	Minutes were approved and uploaded on website. Also circulated among all members.
Agenda no.4/29	To approve the list of Graduands for 5 th Graduation day.	Statistics and Report on graduation day is attached.
Agenda no.5/29	New Academic Council members for session 2018-21	New Academic council members were approved for the session 2018-21.
Agenda no.6/29	Approval of List of new BOS members	List was approved for all Board of Studies actual members.
Agenda no.9/29	Branding	It is ongoing and shall be presented in the meeting



Dr. Preeti Bajaj
Member Secretary

G. H. RAISONI COLLEGE OF ENGINEERING

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CRPF Gate No.3, Digdoh Hills, Hingna Road, Nagpur-16.

MINUTES OF 28th MEETING OF GOVERNING BODY

The 28th meeting of Governing Body of G.H. Raison College of Engineering, Nagpur was held on 18th April 2018 at 09:30 am in the Conference Hall of G. H. Raison College of Engineering, Nagpur. The following Members were present in the meeting

1.	Shri Sunil Raison	13.	Dr. Preeti Bajaj
2.	Dr. U. B. Desai	14.	Mr. K. D. Joshi
3.	Mr. Nitin Tatiya	15.	Dr. S. D. Giripunje
4.	Dr. Sujit Bannerjee	16.	Mr. Amol Joshi
5.	Dr. S. S. Gokhale	17.	Mr. Vipin Khangar
6.	Shri Kamlesh Pande	18.	Mrs. A. Thomas
7.	Shri Gulabrao Thakare	19.	Dr. S Dorle
8.	Ms. Renu Rajani	20.	Prof. P V Walke
9.	Mr. R. Murlidharan	21.	Dr. P M Daigavane
10.	Dr. S. B. Jaju	22.	Mrs. T H Khan
11.	Dr. B. P. Butey	23.	Dr. D V Padole
12.	Dr. P. B. Nagarnaik		

Dr. Milind Atrey Dr. Dinesh Panjwani, Mr. Rohan Khanna, WRO has been granted leave for absence.

Dr. Preeti Bajaj, Director GHRCE welcomed august body for 28th Governing Body Meeting and requested Dr. U. B. Desai to Chair the meeting.

The following agenda was discussed:

Agenda no-1/28: Approval of Minutes of Governing Body meeting held on 22/01/2018

Resolution no -1/28: Resolved that the Governing Body unanimously approved the Minutes of its meeting held on 22/01/2018.

Agenda no-2/28: Action taken report on the minutes of the 27th meeting of BoG.

BE to B. Tech Nomenclature: The proposal has been communicated to RTMNU many times. The proposal pending with Academic Council of RTMNU. NOC to be obtained from University. Shri. Gulabrao Thakare Joint Director DTE and member of BOG assured that he will look in the matter personally.

Director informed about nomination on Governing Body by University. Dr. S R. Chaudhari is Nominated on Board of Governance of GHRCE for next three years.

RUSA has invited proposal for upgradation to University: College has submitted proposal to RUSA. Dr. U. B. Desai firmly insisted on pushing on this proposal as the approving committees are keenly looking for such institutes.

Ranking and branding: Ms. Renu Rajani talked about brand building through social media about every achievement of GHRCE. Suggested a LinkedIn, Facebook and YouTube Page. House appreciated the awards in Smart India Hackathon 2018. Board congratulated on approval of TBI from DST.

Brain storming for Re-skilling Training for Teachers: Director presented the exercise conducted at group level for this purpose.

- Dr. S. S. Gokhale, Ms. Renu Rajani, Dr. Sujit Banerjee commented about knowledge management, faculty re-skilling as they should be reskilled for new knowledge at the same time unlearn few old concepts. Dr. Gokhale added to it with evaluation by industry experts for skills taught by faculty. He has also mentioned about content sensitive teaching and informed the house about Reliance & TAL establishing Aerospace Center at Nagpur.
- Mr. Murlidharan explained the house about how the skilling exercise was performed as he was one of the industrial experts in this exercise.
- Dr. U B Desai suggested an annual meet for half day workshop to take review of brain storming. He appreciated the concept of reskilling of faculty that has already in progress. The plan of re-skilling to put to action: action plan in next meeting. The skill set list seemed to be vast as per the board's perspective and it needs to be prioritized for better execution.
- Ms. Renu Rajani suggested for the overview of reskilling within department by cross departmental faculties.

Resolution no.2/28: Action Taken Report of 27th Meeting is approved.

Agenda no-3/28: Approval of minutes of 22nd meeting of Academic Council

Scheme Highlights:

- Dr. U. B. Desai insisted on total credits to be 160. AICTE has introduced 3-week induction program before start of the course. GHRCE has very rigorous program for 11 days. It was mentioned that it need not to be 3 weeks GHRCE can continue with that program.
- Dr. U B Desai and Ms. Renu Rajani talked about need and emergence of Waste Management that was already included in the first-year scheme.
- Dr. Desai talked about emergence in Aerospace research. Reliance to start Aerospace Station and Aerospace Engineering in Nagpur also suggested to do tie-up with Reliance.

Resolution no.3/28: Minutes of 22nd meeting of Academic Council is approved

Agenda no-4/28: Approval of college Fees for the session 2018-19.

The fee regulation authority approved the undergraduate programmes fees for 2018-19 Rs. 111000/- as against Rs. 107000/- for 2017-18 and fees for post graduate programmes for 2018-19 Rs. 81000 as against for 2017-18 Rs. 80500/-.

Resolution no.4/28: Fees for the year 2018-19 as approved by fee regulatory body for UG and PG is approved.

Agenda no-5/28: Approval of college Budget for the session 2018-19

Director presented the detail budget for session 2018-19 for Capex, R&D, Examination and also total revenues and expenses.

The following suggestions and comments were received:

- Mr. Kamlesh Pande appreciated for the rise in budgeting with previous academic years. Budget approved with R & D 80 lakhs.
- Mr. Kamlesh Pande talked about Stanford Biodesign Institute, its fellowship for PG & Teachers at International level.
- Dr. S. Banerjee gave a focus on TBI as it is not only meant for incubates but the students can make use of the facilities for their experimentation. The TBI should be known for a specific thrust area and that should be developed. New developments in labs shall be included as agenda for next BoG meeting. He also suggested to introduce AR VR Softwares and Department wise percentage distribution of total budget to be done.
- Industry 4.0 to be added in Mechanical department. Add equipments required for 4.0 Dr. Murlidharan will help in this regard. TBI equipments to be added in consultation with Industry 4.0, Defence, Bharat Force, Heavy Marshals, Siemens.
- Dr. U B Desai suggested to submit proposal to DST-CPS (3000 crores grant available) and Set up of Makers Space. Ms. Renu Rajani conceptualized tinkering lab & Makers lab set up.

Resolution no.5/28: College budget for 2018-19 is approved

Agenda no-6/28: Approval of Examination Budget for the session 2018-19

Resolution no.6/28: Examination budget for 2018-19 is approved

Agenda no-7/28: Approval of post for teaching & non-teaching office for session 2018-19

Faculty requirement discussed as per AICTE new guidelines it is 1:20 comes as 260. Ph.D. faculties to be increased.

Resolution no.7/28: Faculty requirement for 2018-19 is approved as per AICTE guidelines.

Agenda no.- 8/28: Any other matter with permission of the Chair.

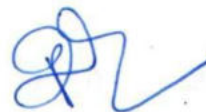
Director presented achievements of the Institute:

1. Film & Television Institute of India incorporation appreciated by board. MoUs are signed with NPK Salve Institute, TCS, and Mahindra & Mahindra association with TBI appreciated by board.
2. BlisTab project achievements appreciated by board.

3. Director informed the house about the revised guidelines and Gazette of India for Autonomous colleges which mentions that Autonomous College can start Ph.D. programs also. She requested to approve the same. House was informed about the present practices adopted by the institute right from registration to the pre-submission seminars and pre-submission seminars are conducted only in front of the experts from IIT/IISc/NIT.
4. House suggested that for examination of Ph.D. thesis experts shall be invited from the reputed institutes only.

Resolution no.8.3/28: It is resolved that Board of Governance in its 28th meeting held on 18th April 2018 formally approves to start the Ph.D. programme under purview of Autonomy from the session 2018-19 as per the Gazette of India part III-Section 4 No. 55 dated 12 February 2018 under MHRD UGC as per the attached process document

Meeting ended with vote of thanks by Member Secretary.



Dr. Preeti Bajaj
Member Secretary

G.H. RAISONI COLLEGE OF ENGINEERING

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Action Taken Report on 28th MEETING OF GOVERNING BODY

Sr. No.	Agenda	Action taken
Agenda no.2/28	<ul style="list-style-type: none">Action Taken report on 28th BOG Meeting.BE to B. Tech NomenclatureNomination from University on Governing BodyMs. Renu Rajani-Ranking and brandingBrain storming for Re-skilling Training	<ul style="list-style-type: none">Action Taken Report of 28th Meeting is approved, and circulated amongst all.The proposal has been communicated to RTMNU many times. The proposal pending with Academic Council of RTMNU. NOC to be obtained from University. Chairman requested Shri. Gulabrao Thakare to look in the matter personally.University has appointed Dr. S R. Chaudhari as Nominee on Board of Governance of GHRCE for next three years.Institute has circulated all the achievements of the institute through Facebook, Linked and YouTube Page.Institute has planned and conducted 08 training workshops for faculty. Also skill of all faculty evaluated by industry experts on the last day of each training.
Agenda no.4/28	<ul style="list-style-type: none">Approval of college Fees for the session 2018-19Approval of college Budget for the session 2018-19Submission of proposals to DST-CPS for funding	<ul style="list-style-type: none">The fee regulation authority approved the undergraduate programmes fees for 2018-19 Rs. 111000/- and fees for post graduate programmes for 2018-19 Rs. 81000/-Budget approved with R & D Rs. 80 Lacs. Earlier it was Rs. 66.32 Lacs.Total 07 Proposals have been two different funding agencies from which 05 are submitted to SERB (02 for workshops and 03 for Core research grants) and 02 to INAE.
Agenda no.7/28	Approval of post for teaching & non-teaching office for session 2018-19	As per AICTE guidelines new faculties are recruited-265
Agenda no.6/28	Any other matter with permission of the Chair. Director informed the house about the revised guidelines and Gazette of	<ul style="list-style-type: none">Letter to RTM Nagpur University, Nagpur has been sent for starting of

<p>India for Autonomous colleges which mentions that Autonomous College can start Ph.D. programs also. She requested to approve the same. House was informed about the present practices adopted by the institute right from registration to the pre-submission seminars and pre-submission seminars are conducted only in front of the experts from IIT/IISc/NIT.</p>	<p>new Ph. D. programmes.</p>
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Dr. Preeti Bajaj
Member Secretary

G.H. RAISONI COLLEGE OF ENGINEERING

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University, Nagpur)

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MINUTES OF 27th MEETING OF GOVERNING BODY

The 27th meeting of Governing Body of G.H. Raisoni College of Engineering, Nagpur was held on 22nd January 2018 at 09:30 am in the Conference Hall of G.H. Raisoni College of Engineering, Nagpur. The following Members were present in the meeting

1.	Shri Sunil Raisoni	13.	Prof. Preeti Bajaj
2.	Prof. U. B. Desai	14.	Mr. K. D. Joshi(Invited)
3.	Mr. Nitin Tatiya	15.	Prof. S. D. Giripunje(Invited)
4.	Prof. Milind Atrey	16.	Prof. V. K. Chandrakar(Invited)
5.	Prof. S. S. Gokhale	17.	Prof. Amol Joshi
6.	Shri Kamlesh Pande	18.	Mrs. A. Thomas
7.	Shri Gulabrao Thakare	19.	Prof. M M Khanapurkar
8.	Prof. D K Agrawal	20.	Prof. S S Dorle
9.	Ms. Renu Rajani	21.	Prof. P V Walke
10.	Prof. S. B. Jaju	22.	Prof. P M Diagavhane
11.	Prof. B. P. Butey	23.	Mrs T H Khan
12.	Prof. P. B. Nagarnaik	24.	Ms. Rutika Meshkar

Dr. Sujit Bannerjee Prof. Dinesh Panjwani. Mr. R. Murlidharan, Mr Rohan Khanna , WRO has been granted leave for absence.

Prof. Preeti Bajaj, Director GHRCE welcomed august body for 27th Governing Body Meeting and requested Prof. U. B. Desai to Chair the meeting.

The following agenda was discussed:

Agenda no-1/27: Approval of Minutes of Governing Body meeting held on 30/10/2017

Resolution no -1/27: Resolved that the Governing Body unanimously approved the Minutes of its meeting held on 30/10/2017.

Agenda no.2/27: Action Taken report for 26th Meeting.

Sr. No.	Points	Action taken
Agenda No-1/26:	Minutes of 26 th Governing Body meeting held on 30/06/2017	Minutes uploaded on college website
Agenda No.2/26:	Dr. Atrey and Prof Desai suggested that in place of Swayam courses flip teaching of IIT Bombay can be introduced, few courses can be identified.	Bodhi tree training was conducted for 05 departments for 05 subjects and attended by department faculty. Python (ETC and CSE), Design and Analysis of Algorithm (CSE and IT), Computer Networks (ETC), Computer Architecture & Organization (ETC and ETRX), Computer Programming (EE).
	Invitation to Prof. B. Ravi	To be invited within month for Centre of Excellence of Biomedical.

	Product Design and Development course	In place of 06 days research methodology, 03 days research methodology and product development course is designed for all UG students.
Agenda No.3/26:	Approval of Minutes of 21 st Academic Council Meeting.	Minutes uploaded on college website
Agenda No.-4/26:	Discussion on Revamping of overall scheme of UG and PG	New Scheme is prepared and will be approved in Common BoS meetings of all departments with Academic Council Meeting. Internal External for UG and PG50:50
	In Creative Art subject can be added as Madhumani painting, Drama, Pottery/ Ceramics, Music etc.	Conducted one week Film Appreciation course by Film and TV Institute, Pune. Such 03 more courses are scheduled in the month of June.
Agenda No.-6.1/26:	Any other matter with permission of the Chair.	Institute have in-house incubation center and submitted proposal for NIDHI TBI and AIC. Courses offered by industry <ol style="list-style-type: none"> 1. Machine learning and AI by Intel- 2. Digital Technology by Adobe- Trained 37 faculties Authoring and Development through Adobe Experience Manager tool. 3. Storage Technology by Nettapp- The Department of Computer Science & Engineering introduced a course "Enterprise Storage Technologies" in association with NETAPP.
Agenda No.-6.2/26:	Presentations by one or two Heads in each meeting	Presentations of 03 Heads are arranged in 27 th meeting.

During the presentation of ATR, Director presented the details of activities conducted and also the information of participations in various rankings.

Mr Kamlesh Pande suggested to refer Times of India columns on startup. Dr Milind Atrey appreciated Dabbewala's program and suggested to invite Akshay Patra for startups.

Ranking and branding-Dr. Desai suggested not to go for private rankings instead concentrate on NIRF and devote more time for entrepreneurship and startups. When people come, project one slide on college.

House appreciated the award of Platinum category to the institute which is amongst the 130 institute at National level and 17 at Maharashtra level. Dr. Desai expresses that this is a very big achievement and should be utilized for branding of GHRCE. One page advertisement shall be given at National level in all magazines, in flight magazines and railways etc. Also update website of the institute with proper focus on this achievement. Also explore the possibility of article to be written by News reporter at National level. One slide on this achievement shall be presented in all presentations at other institutes. To explore CII whether it can have this platinum category lodged on their website. Mr. Kamlesh Pande to help in this regard.

Training- Dr. Milind Atrey suggested to have one training course for faculty in communication skills and use of social media by professional experts and not by college faculty. Ms. Renu Rajani suggested to invite social media champions one from each field. All Deans and Heads should be trained first and then they should become role model for other faculties.

Ms. Renu Rajani asked to held two days conference with Adobe for industry/academia persons.

Dr. Milind Atrey enquired institutes' domain wherein they have expertise and can train industry.

Director explained that course on 3D printing and Automobile can be started for industry employees and also institute have appointed Mr. Uday Sheorey and Mr. Amol Joshi from industry and they are providing inputs about industry problems and their requirements for training and accordingly training courses will be planned.

Scheme- After discussion it was decided total credits could be 140 +40 credits for Softskills, Skill enhancement, AICTE mandate & MOOCs etc. Mr. Kamlesh Pande suggested to delete which is not relevant and then add extra things. Dr. Atrey suggested to add Block Chain and Cryptocurrency concept which is future from 10 years about now. Some workshops or lectures can be organized on these topics.

Dr. Desai suggested to invite experts from TERI for courses for Environmental Audit and Energy Audit. In this regard Mr. Kamlesh Pande promised to help. Dr. Milind Atrey suggested involving Food Processing industry, Cotton research industry and NEERI.

Resolution no.2/27: Action Taken Report of 26th Meeting is approved.

Agenda no.3/27: Presentations on practices followed in Computer Science and Engineering Department (Industry Interaction, Online Teaching, Skill Workshops, Flip Teaching, Hackathon, IEEE Extreme, Peer Teaching, Internship and Research activities

The following suggestion were received

- Mr. Kamlesh Pande suggested that presentation should contain departments vision, short term goals , long term goals on 4 main points - Teacher Centric , Student Centric, Institute Centric & Industry Centric
- Ms. Renu Rajani suggested that following areas should be covered
 - Digital Transformation
 - Open Source Tools
 - Cloud Computing
 - Customer Satisfaction & Data Analytics
 - Agile Developments
- Dr. Desai suggested to increase the percentage of project based learning from 20-25 to 50. More emphasis on hands on. No of Electives shall be more so as to give more choice to the students.
- Prof. Atrey said that publication and citations of department should also be mentioned in PPT.
- Chairman Shri Sunil Raisonni asked to give the targets to departments for participation of students in National and international level competitions.
- Dr. D. K. Agrawal inquired about the mechanism for selecting Centre of Excellence (SoP). It was decided Prof. Bhaskaran Raman can do that.

Agenda no.-4/27: Presentations on practices of Humanities (Communication Skill, Advanced Communication, Professional Ethics, PG Communication Skills)

Suggestions from honorable members are as follows:

- To Introduce the books, Paperback by Strunk & White and 'Elements of Style' by William Strunk in the list of books available in Amazon.
- Use the plays like Shakespeare and Premchand for in act plays.
- To start music appreciation course, Spic Macay can be introduced to add classical music in course structure.
- Refer Video lecture of Prof. Nann in Physics and Walter Lewin on Pendulums.


Mr. Kamlesh Pande suggested about introduction of Knowledge Management course at higher level in course structure which will help the students to filter the knowledge for better assimilation. 02 credits course can be introduced in final year. Dr. Desai requested Shri Kamlesh Pande to draft the structure for this course.

Agenda no.-6/27: Any other matter with permission of the Chair.

- Director requested house to allow change of nomenclature of degree from BE to B. Tech. which is pending from 2013 at University. Director updated the house about the detailed correspondence made with university in this regard. Also briefed the revised UGC guidelines.
- Research should be focused on Biomedical applications. A Half day workshop to be conducted and invite Doctors to know their requirements. Director explained that there is MoU is under consideration with N. K. P. Salve's Medical Sciences and Research Centre & Lata Mangeshkar Hospital, Nagpur and some problems of Biomedical are given to the departments.
- Ms. Renu Rajani asked to conduct 360^o from all the stake holders.
- Ph. D. to explore at VNIT in the category of day scholar.
- Communication must be tuned with respect to department.

Resolution No. 3/27: House unanimously resolved that it is approved to change of nomenclature of degree from BE to B. Tech. of the institute from the batch admitted in 2017-18. Institute should prepare new format of degree and send it to the University along with the resolution of statutory body of the institute for information.

Meeting ended with vote of thanks by Member Secretary.


Dr. Preeti Bajaj
Member Secretary

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Action Taken Report on 27th MEETING OF GOVERNING BODY

Sr. No.	Agenda	Action taken
Agenda no-1/27	Approval of minutes of 27 th Governing Body meeting held on 22/01/2018	Final minutes are uploaded on institute website and circulated.
Agenda no.2/27	<ul style="list-style-type: none">• Action Taken report on 27th BOG Meeting.• Mr. Pande- Refer Times of India columns on startup• Dr. Atrey- Invite Akshay Patra for Startups• To explore CII to lodge advertisement on their website.• Dr. Atrey-Training course for faculty in communication skills and use of social media. Professional experts shall be invited for training.• Ms. Renu Rajani-Two days conference with Adobe for industry/academia persons.• Scheme-140 credits + 40 credits for soft skills• Dr. Desai- Invite experts from TERI, Food processing Industry and Cotton research Industry.	<ul style="list-style-type: none">• Action Taken Report of 27th Meeting is approved, and circulated amongst all• Startup students are referring the column.• Will be invited in the next semester• @ Mr. Kamlesh Pande• Training course on communication skills for faculty is planned in the month of May.• In process• Prepared scheme of 180 Credits (with around 30 credits for soft skills)• MoU in process with CRI and experts shall be invited from next session.
Agenda no.3/27	<p>Presentations by Computer Science and Engineering Department</p> <ul style="list-style-type: none">• Ms. Renu Rajani suggested that following areas should be covered<ul style="list-style-type: none">○ Digital Transformation○ Open Source Tools○ Cloud Computing○ Customer Satisfaction & Data Analytics○ Agile Developments• Dr. Desai suggested to increase the percentage of project based learning from 20-25% to 50%.• Hon. Chairman, Shri Sunil Raison asked to give the targets to departments for participation of students in National and international level competitions.	<ul style="list-style-type: none">• All the courses are covered in new scheme which is to be implemented from 2018-19.• Will be done in next semester• Target has been set for all the departments

	<ul style="list-style-type: none"> • Dr. D. K. Agrawal inquired about the mechanism for selecting Centre of Excellence. It was decided Prof. Bhaskaran Raman can do that. 	<ul style="list-style-type: none"> • It has been done by Dr. Bhaskaran Raman
Agenda no.-4/27	<p>Presentations on practices of Humanities (Communication Skill, Advanced Communication, Professional Ethics, PG Communication Skills)</p> <ul style="list-style-type: none"> • To Introduce the book 'Elements of Style' by William Strunk and E. R. White • To start music appreciation course, Spic Macay can be introduced to add classical music in course structure. 	<ul style="list-style-type: none"> • Book is ordered • Music club has been inaugurated and Spic Macay will be introduced in coming session as per AICTE guidelines.
Agenda no.-6/27	<p>Any other matter with permission of the Chair.</p> <ul style="list-style-type: none"> • Director requested house to allow change of nomenclature of degree from BE to B. Tech. which is pending from 2013 at University. Director updated the house about the detailed correspondence made with university in this regard. Also briefed the revised UGC guidelines. • Research should be focused on Biomedical applications. 	<ul style="list-style-type: none"> • Director personally met with Hon. Vice chancellor and he assured to keep the matter in Academic Council • MoU with N. K. P. Salve's Medical Sciences and Research Centre & Lata Mangeshkar Hospital, Nagpur is signed on 11th April 2018 for focused research on Biomedical applications

Dr. Preeti Bajaj
Member Secretary

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MINUTES
of
26th MEETING OF GOVERNING BODY
of
G.H. RAISONI COLLEGE OF ENGINEERING, NAGPUR

The 26th meeting of Governing Body of G.H. Raisonni College of Engineering, Nagpur was held on 30th October 2017 at 09:30 am in the Conference Hall of G.H. Raisonni College of Engineering, Nagpur. Prof. U. B. Desai presided over this meeting. The following Members were present in the meeting:-

1.	Prof. U. B. Desai	9.	Prof. B. P. Butey
2.	Mr. Nitin Tatiya	10.	Prof. S. B. Jaju
3.	Prof. Milind Atrey	11.	Prof. P. B. Nagarnaik
4.	Prof. S. S. Gokhale	12.	Prof. Preeti. Bajaj
5.	Prof. Sujit Banerjee	13.	Prof. Rajan Welukar
6.	Shri Kamlesh Pande	14.	Mr. K. D. Joshi(Invited)
7.	Mr. Rohan Khanna	15.	Prof. S. D. Giripunje(Invited)
8.	Ms. Renu Rajani	16.	Prof. V. K. Chandrakar(Invited)

Shri Sunil Raisonni, Mr. R. Murlidharan, Shri. Gulabrao Thakre, Prof. Dinesh Panjwani, Prof. D.K. Agrawal, WRO has been granted leave for absence.

Prof. Preeti Bajaj, Director GHRCE welcomed august body for 26th Governing Body Meeting and with the permission of Chair started the proceedings of the meeting.

The following agenda was discussed:

Agenda no-1/26:

Approval of Minutes of Governing Body meeting held on 30/06/2017

Resolution no -1/26:

Resolved that the Governing Body unanimously approved the Minutes of its meeting held on 30/06/2017.

Agenda no.2/26:

Action Taken report for 25th Meeting.

Agenda Point No.	Agenda Item	Action Taken
3/25	Swayam Courses: Director has proposed Swayam module at present not fully functioned. So Flip Teaching Module by IITB faculty Prof.B Raman Shall be replaced	Prof. Atrey and Prof Desai suggested that flip teaching of IIT Bombay may be recommended & few more courses can be identified. Prof. Welukar suggested to conduct independent one hour examination within Institute for Swayam

		courses.
	Prof. U.B.Desai suggested to go for Deemed University so as to bridge the gap in Teaching learning process and research parameters with IITs and NITs	Institute have applied in the past for Deemed University and its agenda is in today's meeting
	Best M.Tech Thesis award a scroll of Honour along with RS.11,000 Cash to be given and criteria should be for 100 marks.	Best PhD / PG Thesis Award—Nominations were invited via email dated 3 June 2017 and last date was given as 16 th July 2017. Hard copy in writing was invited. (01 application from EE dept 01 proposal in hard copy of CSE received and 01 proposal in hard copy of ETRX received So total 03 proposals received. For PG thesis award- no proposal was received
	Promising Research award a scroll of Honour along with Rs.21,000 Cash to be given and criteria should be for 100 marks.	Best PhD / PG Thesis Award—Nominations were invited via email dated 3 June 2017 and last date was given as 16 th July 2017. Hard copy in writing was invited. (01 application from EE dept 01 proposal in hard copy of CSE received and 01 proposal in hard copy of ETRX received So total 03 proposals received. For PG thesis award- no proposal was received.
5/25	Joint proposals to be submitted with VNIT, CoEP, IIT to funding agencies	Proposal with Twinstar Technologies Pvt. Ltd, 21 Sept. 2017 with Electronics & Electronics & Telecommunication National Solar Vehicle Challenge 2017-18", India's Largest Green Energy Innovation Event with Dynamist Motorsports, Delhi with Electrical Department
	Institute has alliances with some international faculty, research proposals with them should be explored.	Four international faculties have accepted as visiting professor 1. Dr. Mark Lee, School of Computer Science, University of Birmingham, UK-Specialization in Natural Language Processing 2. Dr. Eric Atwell, School of Computing, University of Leeds, UK-Specialization in Artificial Intelligence 3. Dr Joseph Atony University of Leeds, UK-Specialization in Photonics 4. Dr. Pramod B Deolalikar-Consultant at USA (Ex Jt Director-Central Water and Power Research Station, Pune)-Specialization in Hydraulic Engg, water Resources
	Joint publications with VNIT & COE, Pune	Two joint publication with VNIT faculty.
	Industry funded projects shall also be covered in research and consultancy	Five Industry funded projects of four months in Electrical Department which are explored by Industry
Agenda Point No.	Agenda Item	Action Taken
5/25	Reimbursement only for Scopus indexed publications	Email Circulated to all faculties
	Various UGC grants and DST proposals like Fast Track, Women	Dr Kalyani Aakant had submitted 1 proposal to SERB for 15.35 lakh.

Scientist, SERB shall be applied (on website gov.in). He also informed that the proposals can be submitted online	
NITI Aayog-DARPAN portal registration is important & to be done on immediate basis.	Portal Registration Done
10 days programme for each and every faculty for product development	Two Day workshop on "Product Design" by Dr Shashank Mehta, National Institute of Design (NID), Ahmadabad on 8-9/09/2017 & 3 days workshop for Mechanical & Electronics is planned between 16 th to 26 th January 18
DST funds for National and International seminar.	Five Application for International Conferences have been submitted
GHRCE shall try for TBI grant.	Applied for ATAL Incubation Center
i10 Citation index is very important and it should be found for individual and institute.	i10 index is found for individual (58 faculties are having i10 index ranging 1 to 16

Resolution no.2/26:

Action Taken Report of 25th Meeting is approved.

Agenda no.3/26:

Approval of Minutes of 21st Academic Council Meeting.

The points were:

- Discussion on Revamping of overall scheme of UG and PG
- Approval of Panel of Examiners for session 2017-18.
- Absorption from Non CBCS to CBCS
- Information of Swayam courses

Resolution no. -3/26:

The Minutes of 21st Meeting was unanimously approved.

Agenda no.-4/26:

Discussion on proposed new scheme guidelines (To be implemented from session 2018-19).

Resolution no. -4/26:

- Prof. U. B. Desai suggested to have 40-60 (External-Internal) patterns and may refer IIT Bombay pattern. Focus should be on continuous evaluation.
- Ms. Renu Rajani suggested that faculties or students may have practice in the lab available in Infosys.
- Prof. Desai suggested to have teaching from both sides (Academician and Industry experts) and evaluation from both side. Also suggested to teach AR/TR module at GHRCE.
- Shri Kamlesh Pande suggested that the Product development course rather than Product Design & to be taught by Industry people and should look for SMEs from project internships, course to begin with case study.

- Prof. Desai suggested to decrease number of credits from 180 to as much less as possible and also suggested to have one Embedded System course in BE First year and branch specific courses can be run for BEFY. He enquired about the necessity of basic electrical engineering. Engineering Graphics shall be only for Mechanical and civil Engineering. Informed to introduce some exciting courses in FY like IOT, Driver less Vehicle.
- Prof. Atray suggested that less number of credits should be for core subjects than electives. More number of elective should be offered for students to increase flexibility.
- Also suggested that maximum flexibility to be given to the students and faculties in teaching learning processes and in six months internship options should be given for internship with IIT professors/Startup that are already there.
- Mr. Anil Gupta from Gyati Techpedia have huge repository about social internship, he should be contacted for internship.
- In Creative Art subject can be added as Madhumani painting, Drama, Potary/Ceramics, Music etc & to be taught by best of best faculty.
- For PG one year credit courses and one year for project. Prof. Atray informed that IITs have 5+5 courses in the first 2 semesters and have 1-2 courses in the third semester with the project going on for the entire year. the credits covered in the first 2 semesters could be approx 60 (6 credits per course) varying in each department.

Agenda no.-5/26:

Resolution of Deemed to be University

Resolution no. -5/26: It is resolved that Institute should apply for Deemed to be University from the session 2018-19

Agenda no.-6/26:

Any other matter with permission of the Chair.

Agenda no.-6.1/26:

Director requested the house to approve the closure of 03 PG programmes namely Environmental Engineering, Electronics Engineering and Power Electronics and Drives as admissions are too less during last three year.

Prof. Atray and Ms. Renu Rajani enquired about the research in this three areas may affect. They were also interested in publications made in these three courses in last three years.

Resolution no. -6.1/26:

it is resolved that all three 03 PG programmes namely Environmental Engineering, Electronics Engineering and Power Electronics and Drives are approved for closure.

Agenda no.-6.2/26:

Chair of the meeting asked every member to express their views.

- Prof. Desai Suggested that Institute should involve the participation of faculties in the various R & D activities in IITs. Also suggested to invite Prof. B. Ravi at GHRCE.
- Prof. Atray suggested that deliverable must come and faculty to faculty connect shall be done so as to improve the confidence level of faculty.
- Shri Kamlesh Pande suggested to allow faculty for on job training in IITs and Industries
- House was informed that the proposal for Atal Innovation Lab has been submitted.

- Shri Kamlesh Pande suggested to keep the course name Product Design and development instead of product design. Also suggested to teach this course for full 1 week and course should begin with case study.
- Prof. R Welukar suggested that the same course can be run for Summer Term or Winter Term
- Prof. Desai suggested to have the Research Methodology 40 hours workshop in two parts (20 hours for Research Methodology and 20 for Product design and development)
- Mr. Rohan khanna suggested that product development course shall be USP of the institute. It should consist of startup culture, incubation and coding. Also suggested to plan Hackathons and workshops on Data Analytics, AI and Big Data regularly & to run the same Institute clubs like data science club etc. shall be formed.
- Prof. Atrey desires that Head should involve in the meeting.
- Ms. Renu Rajani suggested to give the presentations by one or two Heads in each meeting.
- Mr. Kamlesh Pande suggested participating in NASATECH competition.
- Mr Rohan Khanna suggested for providing disruptive education.
- Dr U B Desai suggested having exiting courses in first year, IOT, immobility driverless vehicle in first year. Instead of going in deep shall go in breadth. He has presented on fractional academics.

Meeting ended with vote of thanks by Member Secretary.



DR. PREETI BAJAJ

Action Taken Report on
26th MEETING OF GOVERNING BODY

Sr. No.	Points	Action taken
AGENDA NO.-1/26:	Minutes of 26 th Governing Body meeting held on 30/06/2017	Minutes uploaded on college website
AGENDA NO.2/26:	Prof. Atrey and Prof Desai suggested that in place of Swayam courses flip teaching of IIT Bombay can be introduced, few courses can be identified.	Bodhi tree training was conducted for 5 departments for 9 subjects and attended by department faculty.
	Invitation to Prof. B. Ravi	Ravi to be invited within month for COE of CSE.
	Product Design and development course	In place of 06 days research methodology, 03 days research methodology and product development course is designed for all UG students. First batch is conducted between 18-20 Jan.
Agenda No.3/26:	Approval of Minutes of 21 st Academic Council Meeting.	Minutes uploaded on college website
Agenda No.-4/26:	Discussion on Revamping of overall scheme of UG and PG	New Scheme is prepared and will be approved in Common BoS meetings of all departments with Academic Council Meeting. Internal External for UG and PG50:50
	In Creative Art subject can be added as Madhumani painting, Drama, Pottery/Ceramics, Music etc.	Conducted one week Film Appreciation course by Film and TV Institute, Pune.
AGENDA NO.-6.1/26:	Any other matter with permission of the Chair. Mr Rohan Khanna suggested that product design shall be in the form of startup culture, incubation and coding. Also suggested to plan Hackathons and workshops on Data Analytics, AI and Big Data regularly.	Institute have in-house incubation center and submitted proposal for NIDHI TBI and AIC. Machine learning and AI by Intel-3, Digital Technology by Adobe-37 CNC M/c Training by KEC international-03, Data Analytics by TCS-04 IOT by TCS-03, Display Technology by Twin star-4, GYAN-6 Workshops and Hackathron are organized regularly.
AGENDA NO.-6.2/26:	Prof. Atrey desires that Head should involve in the meeting. Ms. Renu Rajani suggested to give the presentations by one or two Heads in each meeting	Presentations of two/three Heads in todays meeting.
	Mr. Kamlesh Pande suggested to participate in NASA competition.	-


Dr. Preeti Bajaj
Member Secretary

MINUTES
of
25th MEETING OF GOVERNING BODY
of
G.H. RAISONI COLLEGE OF ENGINEERING, NAGPUR

The 25th meeting of Governing Body of G.H. Raison College of Engineering, Nagpur was held on 30th June 2017 at 10.15 am in the Conference Hall of G.H. Raison College of Engineering, Nagpur. Shri. Sunilji Raison, Chairman, Governing Body presided over this meeting. The following Members were present in the meeting:-

1. Shri Sunil Raison	- Hon'ble Chairman	- Chairman
2. Dr. U. B. Desai	- Director, IIT Hydrabad	- Member
3. Dr. Sujit Banerjee	-	- Member
4. Shri.G. R.Thakre	- Hon'ble Joint Director, DTE	- Member
5. Dr. D. K. Agrawal	- Additional Director, Krishna Institute of Medical Sciences Deemed University, Karad	- Member Vice Chancellor's Nominee
6. Dr. B. P. Butey	- Director's Nominee	- Teacher Member
7. Dr. S. B. Jaju	- Director's Nominee	- Teacher Member
8. Dr. P. B. Nagarnaik	- Deputy Director, GHRCE	- Member
9. Mr. P. J. Wadhai	- Controller of Examination	- Invited Member
10. Ms. Shreya Gole	- PG Student	- Invited Member
11. Dr. P. R. Bajaj	- Director, GHRCE	- Member Secretary
12. Dr. U.S.Wankhede	- Dean R&D	- Invited Member
13. Mr. K.D.Joshi	- Dean, Placements & Industry Relations	- Invited Member
14. Dr.S.D.Giripunje	- Dean PG	- Invited Member
15. Dr. B.B.Aahuja	Director, COE, Pune	- Invited Member
16. Dr. N.C.Shivprakash	Professor, IISc Bangalore	- Invited Member

Shri. Nitin Tatiya, Dr. S. S. Gokhale, Dr. T. Santhanakrishnan, Shri. Kamlesh Pande, Dr. Dinesh Panjawani WRO, AICTE Nominee has been granted leave for absence.

Dr. Preeti Bajaj, Director welcomed august body for 25th Governing Body Meeting and with the permission of Chair started the proceedings of the meeting.

The following agenda were discussed:

AGENDA NO-1/25:

Approval of Minutes of 24th Governing Body held on 8/3/2017

The main points were:

- College Budget for 2017-2018
- R&D Budget of Rs. 80lacs
- Examination Budget of Rs.132 lacs
- College fees
- Research Assistantship
- Post of Faculty and non-teaching staff

RESOLUTION NO -1/25:

Resolved that the Governing Body unanimously approved the Minutes of its meeting held on 8/3/2017 with noting for Re-appropriation of fees from 1.05 lacs to 1.07 lacs for UG and 80,500/- for PG

AGENDA NO.2/25:

Action Taken report for 24th Meeting.

RESOLUTION NO.2/25:

Action Taken Report of 24th Meeting was presented.

The main points were:

- Circulation of Budget to the concerned.
- re-appropriation of college fees.
- List of project competitions at National and International level
- Centre of Excellence

AGENDA NO.3/25:

Approval of Minutes of 20th Academic Council Meeting.

RESOLUTION NO. -3/25:

The Minutes of 20th Meeting was unanimously approved.

The points were:

- Results of Summer 2017
- List of 1363 Graduates for 4th Graduation day.
- Report of Internal Evaluation Committee
- Formation of new committee for internal evaluation.
- Absorption of Non CBCS to CBCS was deferred to next meeting.
- Dr. Desai asked the Director that absorption from non CBCS to CBCS should be done on priority.

- Swayam Courses implementation as per the guidelines of AICTE. Industry involvement in Evaluation of MOOCS Suggested
- Dr. U.B.Desai suggested to go for Deemed University so as to bridge the gap in Teaching learning process and research parameters with IITs and NITs
- For Promising Research award a scroll of Honour along with RS.21,000 Cash to be given and criteria should be for 100 marks.
- For Best M.Tech Thesis award a scroll of Honour along with RS.11,000 Cash to be given and criteria should be for 100 marks.

AGENDA NO.-4/25:

To approve the list of Graduands for 4th Graduation day.

RESOLUTION NO. -4/25:

List of Graduates for 4th Graduation Day was approved with total 1363 candidates.

UG	Recommended for Degree				
Name of Program	SUMMER-2017	SUMMER-2016	SUMMER-2015	SUMMER-2014	TOTAL
Civil Engineering	145	3	1	1	150
Computer Science& Engineering	140	4	0	0	144
Electrical Engineering	153	0	0	0	153
Electronics Engineering	143	3	0	0	146
Electronics & Tele.Comm. Engineering	195	10	1	0	206
Information Technology	65	5	0	0	70
Mechanical Engineering	207	1	0	0	208
TOTAL	1048	26	2	1	1077
PG	Recommended for Degree				
Name of Program	SUMMER-2017	SUMMER-2016	SUMMER-2015	TOTAL	
Environmental Engineering	11	1	0	12	
Transportation Engineering	18	0	0	18	
Structural Engineering	16	0	0	16	
Computer Science & Engineering	33	1	0	34	
Integrated Power System	19	4	0	23	
Power Electronics & Drives	16	0	0	16	
Electronics Engineering	17	0	0	17	
VLSI	13	0	0	13	
Communication Engineering	22	0	0	22	
CAD /CAM	17	2	1	20	
Heat Power Engineering	17	1	0	18	
Embedded System & Computing	15	2	0	17	
Mobile Technology	4	0	0	4	
Wireless Comm. & Computing	7	0	0	7	
Master of Computer Application	7	0	0	7	
Master of Business Administration	42	0	0	42	
TOTAL	274	11	1	286	

For information:

AGENDA NO.-5/25:

Presentation of Annual report:

1. NIRF ranking: The institute was placed at 67th position in Engineering category at National level. It was placed at 14th position amongst the private institutions at national level, 1st in Research category in Maharashtra amongst all private institutions.

RESOLUTION NO. -5.1/25:

House appreciated the achievements of GHRCE. It was also appreciated the score in 3 parameters is very close to VNIT score. Institute should consider VNIT as benchmark for improvement.

2. Patent Ranking: GHRCE was ranked 5th for filing patents as per the Annual Report of the Indian Patent Office for the year 2015-16. Dr. D.K. Agrawal enquired about how many patents have been published. Director informed that 50 patents are published till date out of 153 filed patents.

3. External Audit was conducted by the faculties from IIT

Dept	Expert	Date
Civil Engg	Dr. Naresh Chandiramani, IIT Bombay	5th May 2017
Mech Engg	Dr. S.L.Bapat, IIT Bombay	3 rd May 2017
	Dr. S N Sapali, COE Pune	
CSE /IT	Dr. U. A. Deshpande, VNIT Nagpur	26th May 2017
	Dr. Bhaskaran Raman, IIT Bombay	30th May 2017
Electrical Engg	Dr. H. M. Suryawanshi, VNIT	6 th May 2017
	Dr. B. N. Chaudhari, COE Pune	
ETC and	Dr. N.C. Shivaprakash IISc Bangalore	20 th May 2017
ETRX Engg	Dr. V. M. Gadre, IIT Bombay	19 th June 2017
Mathematics	Dr. G. P. Singh, VNIT, Nagpur	27 th May 2017
Physics	Dr. V. K. Deshpande, VNIT, Nagpur	27 th May 2017
Chemistry	Dr. S. S. Umare, VNIT, Nagpur	18 th May 2017

House appreciated the audit conducted by the institute.

AGENDA NO.-6/25: Any other point with the permission of the chair

Dr. Preeti Bajaj requested the house to suggest for improvement of R&D and Outreach

RESOLUTION NO. -6/25:

Following points were discussed

- o Joint proposals to be submitted with VNIT, CoEP, IIT to funding agencies
- o Institute has alliances with some international faculty, research proposals with them should be explored.

- Joint publications with VNIT & COE, Pune.
- Industry funded projects shall also be covered in research and consultancy.
- Reimbursement only for Scopus indexed publications.
- Dr. U.B.Desai suggested that college should have maker lab which may remain 24 hour open.
- Instead of pointer /CGPA, performance /Confidence must be improved.
- Dr Sujit Banerjee informed about
 - Various UGC grants and DST proposals like Fast Track, Women Scientist, SERB shall be applied (on website gov.in). He also informed that the proposals can be submitted through mail.
 - NITI Aayog-DARPAN portal registration is important & to be done on immediate basis..
 - Travel grant of DST is now 100% shall be applied.
 - 10 days programme for each and every faculty for product development.
 - DST also fund for National and International seminar.
 - GHRCE shall try for TBI grant.
 - i10 Citation index is very important and it should be found for individual and institute.

Meeting ended with vote of thanks by Member Secretary.



Dr. Preeti Bajaj



G. H. RAISONI COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

Dual Accreditations NAAC "A+" Grade & NBA (Tier-I)

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Minutes of 34th Meeting of Academic Council

The 34th meeting of Academic Council of G.H. Raisoni College of Engineering Nagpur was held on 21st June 2022 at 11:00 am on WebEx platform. Prof. Sachin Untawale, Chairman, Academic Council & Director GHRCE presided over the meeting. The following members were present for the meeting.

Sr. No	Name	Designation
1.	Prof. S. P. Untawale	Chairman, Academic Council and Director
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. V. A. Mhaisalkar	Member, Educationist Expert
4.	Prof. A. N. Rajagopalan	Member, Educationist Expert
5.	Prof. M. B. Chandak	Nominee, H'ble Vice-Chancellor, RTM Nagpur University Nagpur
6.	Prof. P. T. Karule	Nominee, H'ble Vice-Chancellor, RTM Nagpur University Nagpur
7.	Prof. S. A. Pande	Nominee, H'ble Vice-Chancellor, RTM Nagpur University Nagpur
8.	Prof. B. P. Butey	Member and Dean First Year
9.	Prof. V. K. Chandrakar	Member and Dean, PG and Advanced Studies
10.	Dr. B. R. Vidhale	Member and Dean, Placements
11.	Mr. Grupal Singh	Member and Dean, Industry Relations
12.	Dr. K. K. Jajulwar	Member and Dean, Students Activities
13.	Prof. P. J. Wadhai	Member and Controller of Examinations
14.	Prof. B. V. Khode	Member and Head of the Civil Engineering Department
15.	Prof. R. S. Shelke	Member and Head of the Mechanical Engineering Department
16.	Prof. K. A. Akant	Member and Head of the Electronics & Telecommunication Engineering Department
17.	Prof. P. M. Daigavane	Member and Head of the Electrical Engineering Department
18.	Prof. M. A. Gaikwad	Member and Head of the Information Technology Department
19.	Prof. L. P. Thakare	Member and Head of the Electronics Engineering Department
20.	Dr. S. S. Dongre	Member and Head of the Computer Science and Engineering Department
21.	Mrs. M. S. Madankar	Member and Head of the Artificial Intelligence Department
22.	Prof. N. A. Chavan	Member and Head of the Data Sciences, CSE(IoT), CSE(CS) Department
23.	Prof. Sanjiv Kumar	Member and Head of the Master of Business Administration Department
24.	Prof. Vibha Bora	Member and Chairman, BoS of the Interdisciplinary Engineering
25.	Prof. D. V. Padole	Member
26.	Mr. Atharva Deolalikar	Student Member
27.	Ms. Khushboo Agnihotri	Student Member
28.	Prof. M. M. Khanapurkar	Member Secretary, Deputy Director and Dean Academics

Prof. Aditya Abhyankar, Prof P. V. Walke, Prof. S. B. Jaju and Prof. S. S. Dorle were absent due to some other assignments.

Member Secretary accorded a welcome to all honorable members of Academic Council and wished on the occasion of International Yoga Day.

Member secretary presented the new composition of academic council for next three years 2022-2025 and thus informed the council that few members of the earlier composition are changed.

Council welcomed and congratulated the new members. Member secretary introduced three new nominees of Honorable VC, RTMNU Nagpur to council as Prof. Pradeep Karule, Professor, Yeahswantrao Chavan College of Engineering, Nagpur, Prof. Manoj Chandak, Professor, Ramdeobaba College of Engineering and Management Nagpur and Prof. Shilpa Pande, Professor, Laxminarayan Institute of Technology Nagpur.

Member secretary also introduced one new member inducted as educationist expert Prof. A. N. Rajagopalan, Institute Chair Professor, Indian Institute of Technology, Madras (Chennai).

Thanks with Gratitude were conveyed and expressed to replaced members of earlier composition (2018-2021) Prof. Narendra Bawane, Prof. Hemant Hajare, Prof. Deshkar as RTMNU nominee and Prof. Prasad Krishna as member educationist expert.

Member Secretary sought permission of chairman of council to table agenda of meeting.

Agenda No-1/34: Confirmation of Minutes of 33rd meeting of Academic Council held on December 16, 2021.

Minutes of 33rd meeting were circulated to all members by email circulation dated 23rd December 2021.

Resolution No.1/34: The minutes of 33rd meeting of the Academic Council were confirmed.

Agenda No-2/34: Action Taken Report for 33rd meeting of Academic Council.

Member secretary of council presented the action taken report.

Action Taken Report on 33rd Meeting of Academic Council

Agenda points for Approval		Resolution	Action Taken
1/33	Confirmation of minutes of 32 nd Academic Council meeting held on 17 th July 2021.	The minutes of 32 nd meeting were confirmed.	Uploaded on website.
2/33	Action Taken Report for 32 nd meeting of Academic Council	The action taken report for 32 nd meeting was approved by the council.	
3/33	Minutes of Meetings of various Boards of Studies held during Aug-Dec 2021	The council approved the minutes of meeting of various Boards of Studies as presented by respective Chairpersons.	
4/33	Planning of Teaching – Learning for Even Term: Summer-2022	The council approved the commencement date and academic calendar of Summer -22 session.	
5/33	Online Mode Teaching-Learning & Evaluation: Winter 2021.	Member secretary presented the highlights of teaching-learning and evaluation of session Winter 2021.	
5.a/33	Conduction of elective courses by Industry / International experts	Council appreciated the efforts taken by the institute.	
5.b/33	Peer Teaching Details	Member secretary presented the details of peer teaching.	
5.c/33	Detention Details	Member secretary presented the details of students' detention for Winter 2021 session.	
6/33	Felicitation of Toppers' & Peer Teachers' and Placed Students	Council appreciated the initiative of the institute.	
7/33	Placement and Internship details for 2021-22 batch	The details were presented and appreciated especially pre-placement offers by the council.	
8/33	Institute Achievements & Accomplishments	Member secretary presented the achievements of the institute	Council congratulated the institute.

Resolution No.2/34: The action taken report for 33rd meeting was unanimously approved by the council.

Agenda No-3/34: Minutes of Meetings of two Boards of Studies (BoS AI and BoS CSE(IoT), CSE(CS), Data Science) held on 18th June 2022.

Resolution No.3/34: Member Secretary informed the council that new BoS in emerging areas is formed which is Board of Studies in Data Science, CSE (IoT) and CSE (CS). Member Secretary informed the details of external members present for the meeting of respective board of studies.

The minutes of meetings Boards of Studies were presented by Chairpersons of respective Boards of Studies. The discussion points are as follows.

Board of Studies	Discussions and Resolutions
Data Science, CSE (IoT) and CSE (CS)	<ul style="list-style-type: none"> • Prof. N. A. Chavan, Chairperson, presented the minutes of 1st meeting held on 18th June 2022. • She informed the council about the approval of syllabus, course objectives and outcomes of II and III year courses of the three programs. • Prof A.N. Rajagopalan asked about the contents of optimization techniques. • Prof. N. A. Chavan conveyed the council that the topics like genetic algorithm and operational research concepts were added. • Prof. O. G. Kakde suggested to present the changes in syllabus by highlighting the mapping of CO, PO and PSO and correlate the suggestions in view of gap analysis and outcome based education. • He also enquired about the scheme / syllabus of the mentioned three programs at first year level is same with other programs. • Director sir informed that at first year level scheme / syllabus is designed cluster-wise. • Director Sir asked the council about inclusion of elective courses at first year level. • Prof. O. G. Kakde suggested that elective courses can be included at first year level for specialized programs with proper justification. • Prof. P. T. Karule suggested to ensure completion of fundamental courses before elective courses and also appreciated the cluster-wise scheme.
Artificial Intelligence	<ul style="list-style-type: none"> • Prof. M. A. Madankar, Chairperson, presented the minutes of 6th meeting held on 18th June 2022. • She informed the council about the approval of syllabus, course objectives and outcomes of II and III year courses of the programs. • Prof. Manoj Chandak asked about the provision of infrastructure for the lab courses of said program. • Prof. Madankar told that the dedicated NVIDIA server is available in the department. Also online tool like google colab is being used in TLP. • Prof. A. N. Rajagopalan suggested to keep minimum overlap between similar courses. • Prof. Madankar conveyed that the care is taken for the same.

Prof. A. N. Rajagopalan suggested to float the unsolved problems from industry for the students of all emerging areas.

Prof M. M. Khanapurkar informed the council that similar practice is being followed in the institute by arranging hackathons by Centre of Excellence such as BeTiC, IoT, Smart Cities and other departments.

The council approved the minutes of meeting of Boards of Studies as above as presented by respective Chairpersons.

Agenda No-4/34: Planning of Academic Session (Academic Calendar) winter 2022

Resolution 4/34: Member Secretary informed the council that the Winter-22 term of 2022-23 session is planned to start from July 18, 2022 for V&VII semesters and from 29 August 2022 for III semester.

VII semester internship starts from June 27, 2022 whereas I semester classes shall be planned as per DTE admission procedure.

Member secretary briefed about the planning of End Semester Examinations and Vacation Examinations for session winter 2022.

Member secretary also informed the council that the classes for next academic session i.e. Summer 2023 (AY- 2022-23) shall commence from 2 January 2023 and the schedule of major activities for Summer 2023 were presented with May 31, 2023 as last day of session included with End Semester Examination.

Agenda No-5/34: Mapping of NPTEL courses with curriculum courses for Winter-2022

Resolution: Member secretary presented the mapping of NPTEL courses with Open Elective III (Seventh Semester of various programs) for all branches for Winter-2022 as per following.

Offering Department	NPTEL Course
CSE / IT	Spatial Informatics
AI / DIC	Machine Learning for Earth System Sciences
CE	Plastic Waste Management
EE	Introduction to Smart Grid
ETC / ETRX	Electronic Systems for Cancer Diagnosis
MECH	Refrigeration and Air-conditioning
MBA	Managerial Skills for Interpersonal Dynamics

Agenda No-6/34: Offering of courses by Industries as elective courses.

Resolution: Member secretary presented the details of industry elective courses to be offered by industry experts planned for session Winter 2022. Total 32 courses are planned for final year students from industries like Infosys, TCS, Innovadaptive, PwC, Base4, etc.

Prof O. G. Kakde asked about the assessment of industry elective courses by concerned industry person. Member Secretary informed that the assessment of the courses shall be done by industry person in consultation with allotted / mapped faculty member.

Dean T&P informed the council that the training of faculty members is started for few courses.

Council appreciated the efforts taken by the institute.

Agenda points for Information

Agenda No-7/34: Granting of Autonomous status for period of ten Years.

Resolution: Member Secretary informed the council that the Univeristy Grants Commission New Delhi and Rashtrasant Tukadoji Maharaj Nagpur University Nagpur has granted extension of autonomous status of the institute in the third cycle for the ten years i.e. up to 2031-32. Council congratulated the institute for this achievement of getting extension of autonomous status in third cycle for the period of ten years.

Agenda No-8.a/34: Details of expert sessions conducted by IIT/ Industry/ Alumni/ International experts

Resolution: Member secretary presented the details of expert sessions conducted by IIT/ Industry/

Alumni/ International experts in session Summer 2022 as per the following. Total fifty nine sessions of above categories from external experts were conducted in addition to total eighteen Industrial visits were arranged.

Agenda No-8.b/34: Details of Credit Transfer Scheme

Resolution: Member secretary presented the details of credit transfer scheme and student beneficiaries. Total sixteen students completed one semester in summer 2022 under CTS in which six students benefited from CTS facility at IIT Gandhinagar, eight at IIIT Nagpur and two at CoE, Pune.

Member secretary presented the other details of teaching learning like CR meetings (with respective head of the department and also with Director, Dean Academics and Dean IQAC), Parent meetings, mapping of NPTEL courses with program courses during session summer 2022.

Council appreciated the efforts taken.

Agenda No-8.c/34: Details Peer Teaching Scheme

Resolution: Member secretary presented the details of Peer Teaching for session Summer 2022. Total ten peer students participated under peer teaching scheme and conducted total forty-nine hours teaching sessions to the juniors.

Agenda No-8.d/34: Details of Detention

Resolution: Member secretary presented the details of Detention for session Summer 2022. Total forty five students were detained in one hundred ninety three courses whereas three students were dropped in three NPTEL courses.

Agenda No-8.e/34: Result Analysis Summer -2022

Resolution: Member secretary presented the details of result analysis for session summer 2022 (IV/VI/VIII semester) and winter 2021 (I Semester / DSY III Semester and PG I semester).

Branch wise details of pass out students, awardees of minor certifications, pass out CGPA analysis was presented.

Agenda No-9/34: Variation of Intake (Increase in intake / Reduction in intake / New Course)

Resolution: Member secretary presented in the council, the variation in intake for few programs. Council approved the increase in intake & Reduction in intake. The existing intake of B. Tech. CSE (Artificial Intelligence and Machine Learning) increases from 60 to 120, new program on B. Tech. CSE (Artificial Intelligence) introduced with intake of 60. Whereas intake of both B. Tech. in Civil Engineering and B. Tech. in Mechanical Engineering is proposed to be reduced to 60 from 90.

Agenda No-10/34: Panel of Examiners for Summer-22

Resolution: Member secretary presented the panel of examiners for summer 2022 & winter 2021.

Details of external and internal paper setters for examination of theory, practical courses of UG and PG programs were presented. For theory courses, on average 63% internal and 37% external faculty members and for practical / Project / Internship courses on average 65% internal and 35% external faculty members were involved.

Agenda No-11/34: Details of Summer Term-2022

Resolution: Member secretary presented the calendar planned for ongoing Summer Term-2022.

Agenda No-12/34: Placement and Internship Details for 2021-22 Batch

Resolution: Member secretary presented the placement and internship details for 2021-22 batch. Details like offers received, average package, highest package, placements in core industries, internship offerings, etc. were presented. It was conveyed that the placement was almost above 90 % and most of the students have got offers from multiple companies with good package.

Agenda No-12/34: Institute Achievements & Accomplishments

Resolution: Member secretary presented the major achievements of the institute like ranking in ARIIA, Green institutional ranking, rating in IIC, IEEE outstanding chapter award, award of EUR 25000 in Ericsson Innovation Awards, awards won by student projects in various competitions, STTPs and Conferences organized by the institute, patents awarded, etc. Council appreciated the efforts taken by the institute.

Any other matter with the permission of the Chair

Member Secretary appealed members for any other points to be kept in the meeting for discussion/ resolution with the permission of chair.

Prof A. N. Rajagopalan suggested to present the grants received and consultancy work.

Prof. Shilpa Pande requested to share the interdepartmental activities or projects.

Director Sir informed the council that an interdepartmental project is under process on cool wheels. Also, some other interdepartmental projects were completed.

Ms. Khushbu Agnihotri, student member, replied after Prof. A. N. Rajagopalan asked about student's expectations from institute that the institute is supportive, recognition is given for extra-curricular activities, excellent placement records, etc. which make students encouraged.

It was announced that next meeting will be held in the month of December 2022 and will be in offline on campus made if the situation permits and Meeting ended with vote of thanks proposed by Member Secretary of Academic Council and Chairman cum Director of Academic Council.

**Member Secretary
Academic Council**

Cc

- Director cum Chairman, Academic Council.
- E circulation to all members and all concerned.
- RTM Nagpur University (E-circulation).
- Institute Website.
- File.



G. H. RAISONI COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

Dual Accreditations NAAC "A+" Grade & NBA (Tier-I)

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Minutes of 33rd Meeting of Academic Council

The 33rd meeting of Academic Council of G.H. Raisoni College of Engineering Nagpur was held on 16th December 2021 at 11:00 am on WebEx platform. Prof. Sachin Untawale, Chairman, Academic Council & Director GHRCE presided over the meeting. The following members were present for the meeting.

Sr. No.	Name	Designation
1.	Prof. S. P. Untawale	Chairman, Academic Council and Director
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. V. A. Mhaisalkar	Member, Educationist Expert
4.	Prof. Narendra Bawane	Nominee, RTM Nagpur University Nagpur
5.	Prof. P. V. Walke	Member and Deputy Director & Dean IQAC
6.	Prof. S. S. Dorle	Member and Registrar
7.	Prof. S. B. Jaju	Member and Dean R & D
8.	Prof. B. P. Butey	Member and Dean First Year
9.	Prof. V. K. Chandrakar	Member and Dean, PG and Advanced Studies
10.	Dr. B. R. Vidhale	Member and Dean, Placements
11.	Mr. Grupal Singh	Member and Dean, Industry Relations
12.	Dr. K. K. Jajulwar	Member and Dean, Students Activities
13.	Prof. P. J. Wadhai	Member and Controller of Examinations
14.	Prof. B. V. Khode	Member and Head of the Civil Engineering Department
15.	Prof. R. S. Shelke	Member and Head of the Mechanical Engineering Department
16.	Prof. K.A.Akant	Member and Head of the Electronics & Telecommunication Engineering Department
17.	Prof. P. M. Daigavane	Member and Head of the Electrical Engineering Department
18.	Prof. M. A. Gaikwad	Member and Head of the Information Technology Department
19.	Prof. L.P.Thakare	Member and Head of the Electronics Engineering Department
20.	Prof. D. V. Padole	Member and Chairman, BoS of the Electronics Engineering Department
21.	Dr. S. S. Dongre	Member and Head of the Computer Science and Engineering Department
22.	Mrs. A. Thomas	Member and Head of the Artificial Intelligence Department
23.	Prof. Sanjiv Kumar	Member and Head of the Master of Business Administration Department
24.	Prof. Vibha Bora	Member and Chairman, BoS of the Interdisciplinary Engineering
25.	Mr. Atharva Deolalikar	Student Member
26.	Ms. Khushboo Agnihotri	Student Member
27.	Prof. M. M. Khanapurkar	Member Secretary, Deputy Director and Dean Academics



Prof. Aditya Abhyankar, Prof. Prasad Krishna, Prof. Hemant Hajare and Prof. N. M. Deshkar were absent due to some other assignments. Member Secretary, Prof. M. M. Khanapurkar accorded a welcome to all esteemed members of Academic Council. Member secretary conveyed to the council that the tenure of previous student members was over and requested the council to approve the following proposed two student representatives.

Name of Student	Branch	Current Semester
Mr. Atharva Deolalikar	Artificial Intelligence	VI
Ms. Khushboo Agnihotri	Computer Science and Engineering	VI

Council unanimously accepted the proposed student members. Student members were requested to join the meeting.

Member secretary started presenting agenda points, as per the following, with the permission of chair.

Agenda No-1/33: Confirmation of Minutes of 32nd meeting of Academic Council held on July 17, 2021. Minutes were circulated to all members by email circulation dated 29th July 2021.

Resolution No.1/33: The minutes of 32nd meeting of the Academic Council were confirmed.

Agenda No-2/33: Action Taken Report for 32nd meeting of Academic Council.

Member secretary of council presented the action taken report.

Action Taken Report on 32nd Meeting of Academic Council

Agenda No.	Agenda	Discussion /Resolution	Remarks / Action Taken
1/32	Confirmation of minutes of 31 st Academic Council meeting held on 17 th December 2020.	The minutes of 31 st meeting were confirmed.	Uploaded on website.
2/32	Action Taken Report for 31 st meeting of Academic Council.	The action taken report for 31 st meeting was unanimously approved by the Council.	
3/32	Minutes of Meetings of various Boards of Studies held during June 2021.	The Council suggested to include Academicians on Board of Studies of AI The minutes of Boards of studies were approved.	<ul style="list-style-type: none"> Academicians from IIIT Nagpur are invited on AI BoS.
4/32	Inclusion of NCC as Open Elective Credit Course	Council suggested to frame a policy for credit earnings through such courses so that students should not take undue advantage and resolve it through council	<ul style="list-style-type: none"> Framing of policy is in process in consultation with NCC officer of affiliating RTM Nagpur university
5/32	Planning of Teaching – Learning in online mode for Winter-2021	The Council ratified the approved commencement date and academic calendar of winter -21 term of 2021-22 session	



6/32	Mapping of NPTEL courses with curriculum courses for Winter-2021.	Council suggested not to offer the conventional courses through NPTEL	<ul style="list-style-type: none"> NPTEL courses on latest interdisciplinary trends / emerging technologies are offered across the departments.
7/32	Online Mode Teaching-Learning: Even Term Summer-2021		Council appreciated the efforts.
7.a/32	Conduction of Elective Courses by Industry Experts		Members of the council appreciated the efforts of the institute.
7.b/32	Courses Offered through NPTEL		
7.c/32	Peer Teaching Details		
7.d/32	Detention Details		
8/32	ESE Planned and Executed since last meeting	The details of End Semester Examinations planned and executed since last meeting of council were presented by Member Secretary.	
9/32	Result Details of ESE Winter-20 & Summer-21		The result details of End Semester Examination Winter 2020 and Summer 2021 were presented.
10/32	Details of Summer Term-2021 (Online Mode).		Details of department wise registrations in Summer Term 2021 were presented
11/32	Placement and Internship Details for 2020-21 Batch		<ul style="list-style-type: none"> Placement details for core branches to be presented in the forthcoming meeting Efforts taken for placements to be presented in the forthcoming meeting.
12/32	Institute Achievements & Accomplishments like nano-satellite: GHRCEsat in association with ISRO, collaboration with IIT Bombay for the development of MOOCs course., R&D publication details, organization of conferences & summits, patent filing etc. were informed to council		The council appreciated the efforts taken by the institute and congratulated the institute.

Resolution No.2/33: The action taken report for 32nd meeting was unanimously approved by the council.

Agenda No-3/33: Minutes of Meetings of various Boards of Studies held during August - December 2021.

Resolution No.3/33: The minutes of meetings Boards of Studies were presented by Chairpersons of respective Boards of Studies. The discussion points are as follows.

Board of Studies	Discussions and Resolutions
Master of Business Administration	<ul style="list-style-type: none"> Prof. S. B. Jaju, Chairman presented the minutes of meeting held on 21st August 2021. Prof. O. G. Kakde asked about the facility of MBA Honors in other institutes. He suggested to use MBA Major instead of Honors.
First Year Engineering	<ul style="list-style-type: none"> Prof Butey, Chairperson, presented the minutes of meeting held on 28th September 2021
Computer Science Engineering	<ul style="list-style-type: none"> Dr. S. S. Dongre, Chairperson presented the minutes of meeting held on 4th December 2021 She informed the council about the approval of schemes of newly approved three UG programs.
Interdisciplinary Engineering	<ul style="list-style-type: none"> Prof V. R. Bora, Chairperson presented the minutes of meeting held on December 11, 2021 Informed about list of Open electives offered for Summer 2022.

The council approved the minutes of meeting of various Boards of Studies as presented by respective Chairpersons.

Agenda No-4/33: Planning of Teaching – Learning for Even Term: Summer-22 (2021-22)

Resolution: Member Secretary informed council that the Summer-22 term of 2021-22 session is planned to start from January 03, 2022 for higher semesters and from 23 December for first year. He also briefed about the planning of end semester examinations and vacation examinations for session Summer 2022. He informed the council that the classes for next academic session i.e. Winter 2022 (AY-2022-23) shall commence from 17 July 2022.

Agenda No-5/33: Online Mode Teaching-Learning & Evaluation: Odd Term 2021 - 22 Session.

Resolution: Member secretary presented the highlights of teaching learning and evaluation of session Winter 2021. He highlighted the online sessions conducted, expert sessions conducted from IIT, Industry, International Experts, Meetings of Class Representatives conducted.

Agenda No-5(a)/33: Conduction of elective courses by Industry / International experts.

Resolution: Member secretary informed the house about the course on Data Structures and Algorithms conducted by International Faculty for AI/DS/CSE/IT students and elective course on Welding Technology conducted by Industry Experts from Bajaj Steels, Nagpur for Mechanical Engineering. He also shown the details of skill courses conducted during session Winter 2021. House appreciated the efforts taken by the institute.

Agenda No-5(b)/33: Peer Teaching Details

Resolution: Member secretary presented the details of peer teaching.

Agenda No-5(c)/33: Detention Details

Resolution: Member secretary presented the details of students' detention for Winter 2021 session.

Agenda No-6/33: Felicitation of Toppers' & Peer Teachers' and Placed Students

Resolution: Member secretary informed the house about the felicitation ceremony of Toppers' and Student Peer Teachers' conducted on 9th October 2021. Institute also felicitated the placed students of year 2021 batch.

Agenda No-7/33: Placement and Internship details for 2021-22 batch

Resolution: Member secretary requested Dean T&P to present Placement details. The details were presented and appreciated especially preplacement offers by the house.

Agenda No-8/33: Institute achievements and accomplishments of the institute

Resolution: Member secretary presented the achievements / accomplishments of the institute like Ranks in NIRF, IIRF, India today MDRA survey, Outlook Icare Rankings, Worlds Institutional

Ranking, Career 360 ranking, etc. He also informed that the council Institute was selected for AICTE-LITE scheme; Mentor Institute by Innovation cell, Ministry of Education and received award for Best NSS center by RTM Nagpur University, received grants from AICTE for visit to Atal tunnel. IEEE outstanding chapter award, etc. He also highlighted other R&D achievements.

Any other matter with the permission of Chair

Member Secretary appealed members for any other points to be kept in the meeting for discussion/ resolution with the permission of chair.

Chairman, Academic Council informed the house that for few placed student, recruiter industry has requested for early joining before completion of student's internship. Prof O G Kakde suggested that simultaneously students can not complete internship and join industry as employee. If students complete the assigned work before last internship day, they can join placed industry with permission from internship industry. It was also suggested that in mutual discussion with industry, the dates of completion may be finalized and subsequently examination dates to be decided as per the requirement. The council congratulated for the approval of new UG programs and also applauded and congratulated institute for accomplishments and achievements.

Meeting ended with vote of thanks proposed by Member Secretary of Academic Council and Chairman cum Director of Academic Council.

Kindred

**Member Secretary
Academic Council**

Cc

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Minutes of 32nd Meeting of Academic Council

The 32nd meeting of Academic Council of G.H. Raisoni College of Engineering Nagpur was held on 17th July 2021 at 11:00 am on WebEx platform. Prof. Sachin Untawale, Chairperson Academic council & Director GHRCE presided over the meeting. The following members were present for the meeting.

Sr. No.	Name	Designation at Academic Council
1.	Prof. S. P. Untawale	Chairperson, Academic Council and Director
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. Aditya Abhyankar	Member, Educationist Expert
4.	Prof. Prasad Krishna	Member, Educationist Expert
5.	Prof. Narendra Bawane	Nominee, RTM Nagpur University Nagpur
6.	Prof. Hemant Hajare	Nominee, RTM Nagpur University Nagpur
7.	Prof. P. V. Walke	Member and Deputy Director & Dean IQAC
8.	Prof. S. S. Dorle	Member and Registrar
9.	Prof. S. B. Jaju	Member and Dean R & D
10.	Prof. B. P. Butey	Member and Dean First Year
11.	Prof. V. K. Chandrakar	Member and Dean, PG and Advanced Studies
12.	Dr. B. R. Vidhale	Member and Dean, Placements
13.	Mr. Gural Singh	Member and Dean, Industry Relations
14.	Dr. K. K. Jajulwar	Member and Dean, Students Activities
15.	Prof. P. J. Wadhai	Member and Controller of Examinations
16.	Prof. B. V. Khode	Member and Head of the Civil Engineering Department
17.	Prof. R. S. Shelke	Member and Head of the Mechanical Engineering Department
18.	Prof. S. S. Salankar	Member and Head of the Electronics & Telecommunication Engineering Department
19.	Prof. P. M. Daigavane	Member and Head of the Electrical Engineering Department
20.	Prof. M. A. Gaikwad	Member and Head of the Information Technology Department
21.	Prof. L.P.Thakare	Member and Head of the Electronics Engineering Department
22.	Prof. D. V. Padole	Member and Chairman, BoS of the Electronics Engineering Department
23.	Dr. S. S. Dongre	Member and Head of the Computer Science and Engineering Department
24.	Mrs. A. Thomas	Member and Head of the Artificial Intelligence Department
25.	Prof. Sanjiv Kumar	Member and Head of the Master of Business Administration Department
26.	Mr. S. S. Wankhede	Member and Associate Professor, Electronics Engineering Department
27.	Prof. M. M. Khanapurkar	Member Secretary, Deputy Director and Dean Academics



Prof. V. A. Mhaisalkar and Prof. N. M. Deshkar were absent due to some other assignments. Member Secretary, Prof. M. M. Khanapurkar accorded a welcome to all esteemed members of Academic Council and with the permission of Chair started presenting various agenda points as per following.

Agenda No-1/32: Confirmation of Minutes of 31st meeting of Academic Council held on December 17, 2020.

Minutes were e_circulated to all members by email circulation dated 21st December 2020.

Resolution No.1/32: The minutes of 31st meeting of the Academic Council were confirmed.

Agenda No-2/32: Action Taken Report for 31st meeting of Academic Council.

Member secretary of council presented the action taken report.

Action Taken Report on 31st Meeting of Academic Council

Agenda No.	Agenda	Discussion /Resolution	Action Taken
Agenda Points for Approval			
1/31	Confirmation of Minutes of 30 th Academic Council Meeting held on 17th December 2020.	The minutes of 30 th meeting were confirmed.	Uploaded on website.
2/31	Action Taken Report for 30 th meeting of Academic Council	The action taken report for 30 th meeting was unanimously approved by the council.	
3/31	Minutes of Meetings of Board of Studies held during August 2020 & December 5-12, 2020	Council approved the minutes of various Boards of studies.	
4/31	Resolution on providing additional course certificate for additional learning.	Council suggested that additional learning courses should be reflected on grade card instead of providing additional certificate.	Additional learning courses will be reflected on grade card and additional certificate will not be provided for the same.
5/31	Discussion on redefining Vision and Mission of the institute	The members of council recommended to redefine the Vision and Mission of departments and institute keeping it aligned with National Education Policy 2020.	
6/31	Planning of Teaching – Learning in online mode during Summer-2021	The council appreciated and approved the proposed plan for execution of the next session.	To be implemented from session Summer-2021.
Agenda Points for Information			
7/31	29 th Meeting of Internal Quality Assurance Cell (IQAC) and AQAR Report for 2019-20.	Member Secretary informed the council about the 29 th Meeting of Internal Quality Assurance Cell (IQAC) held on 29 th October 2020 and AQAR Report for 2019-20.	
8/31	External Academic & Administrative Audit of 2019-20 Session.	Council appreciated the efforts.	
9/31	Online Mode Teaching-Learning & Evaluation: Odd Term 2020 - 21 Session.	Member secretary presented the statistics for Online Mode Teaching-Learning & Evaluation: Odd Term 2020 - 21 Session	The members of the council appreciated the efforts taken by the institute.
10/31	Mapping of NPTEL courses with curriculum courses.	Member secretary informed the council about mapping of NPTEL courses with curriculum courses.	
11/31	Result of ESE - S-20 [Even Term 2019-2020]	Member secretary presented result statistics of Summer-2020 examinations.	
12/31	Achievements and Accomplishments of the Institute	The members of the council congratulated the institute and authorities.	



13/31	Inter-Institute Collaboration with IITB for Development of NPTEL MOOC under Dr. Vikram Gadre	The members of council appreciated and congratulated the institute and authorities.	
14/31	Mission Nano-satellite –Launching of GHRCE Nano-satellite “GHRCEsat”	The members of the council congratulated the institute.	
15/31	Placement statistics for 2020-21 Batch	The members of the council appreciated the placement statistics of the institute.	
16/31	Change of responsibility as Chairman of BoS of CSE Department: From Mr. Pranshant Borkar to Prof. Snhelata Dongre	Member secretary informed the council that the Chairman of BoS CSE department will be Prof. Snhelata Dongre in place of Mr. Pranshant Borkar.	
17.a/31	Any other matter with permission of Chair	Member secretary proposed the changes in earning minimum credits for getting promoted to next higher semester/year for 160 credits scheme	The council approved the proposed changes in promotion rules.
17.b/31		Member secretary proposed the changes in term wise credits registration for various CGPA category students as per for 160 credits scheme.	The council approved the proposed changes.
17.c/31		Extension of Internship of three students of EE Department.	Council approved the extension.
17.d/31		Member secretary presented Coursera usage report	Council appreciated the efforts taken by faculties and students

Prof. Aditya Abhyankar asked about the credit transfer facility with Coursera. Director Sir informed the council that credit transfer is available for NPTEL / SWAYAM courses and discussion with Coursera officials is going on and soon the policy shall be framed for Coursera.

Resolution No.2/32: The action taken report for 31st meeting was unanimously approved by the council.

Agenda No-3/32: Minutes of Meetings of various Boards of Studies held during June 2021.

Resolution No.3/32:

The minutes of meetings Boards of Studies were presented by Chairpersons of respective Boards of Studies. The discussion points are as below.

Board of Studies	Discussions and Resolutions
Information Technology	<ul style="list-style-type: none"> • Prof. M. A. Gaikwad, Chairman, BoS Information Technology presented minutes of meeting. • Prof. Prasad Krishna suggested to keep same course code for theory and practical courses.
Mechanical Engineering	<ul style="list-style-type: none"> • Prof. R. S. Shelke, Chairman, BoS Mechanical Engineering presented minutes of meeting. • Prof. O. G. Kakde and Prof. Prasad Krishna suggested not to provide steam tables, data books to the students during examination. • Prof. Prasad Krishna asked to change the subject name of ‘Heat Transfer’ to ‘Heat & Mass Transfer’. • Prof. R. S. Shelke informed that ‘Introduction to mass transfer’ topic is included in syllabus hence the subject name is not required to be changed.



<p>Electronics Engineering and Electronics & Telecommunication Engineering</p>	<ul style="list-style-type: none"> • Prof. D. V. Padole, Chairman, BoS Electronics and Telecommunication Engineering / Electronics Engineering presented minutes of meeting. • Prof. Prasad Krishna asked about the availability of LABVIEW and MATLAB software. • Prof. D. V. Padole told the council that the both software are available in the department. Prof. M M Khanapurkar added that department has LABVIEW academy.
<p>Artificial Intelligence and Data Science</p>	<ul style="list-style-type: none"> • Prof. Achamma Thomas, Chairperson, BoS Artificial Intelligence and Data Science presented minutes of meeting. • Prof. Prasad Krishna asked about the inclusion of lab for Data Preprocessing course. • Prof. A. Thomas told that the said lab course is of 2 credits. • Prof. Prasad Krishna asked about the change in weightage for internal and external components and is it in line with academic regulations? • Member secretary informed the council that the changes in internal and external components are in line with academic regulations and academic council approval for any changes thereof is sought time to time. • Prof. Prasad Krishna pointed that there is no need to offer Honors if no PG course is offered by the department. He also stated that there must be uniform policy for honors and minor. • Member secretary informed council that a systematic policy for the honors and minor schemes is in place and students are made aware of same. • Prof. Aditya Abhyankar asked about the procurements in AI / DS department. • Prof .A. Thomas informed the council about the details of procurement of AI server with specifications. • Prof. Abhyankar also inquired about the brainstorming, differentiations in the scheme of Artificial Intelligence and Data Science particularly for I and II year and suggested to include academicians on BoS. • Prof. A. Thomas explained that the mathematical courses are in the scheme of AI and DS. • Prof. O. G. Kakde suggested to keep the separate scheme in first year for these programs. • Prof. Thomas presented few of the achievements of the department and council appreciated the achievements.
<p>Computer Science and Engineering</p>	<ul style="list-style-type: none"> • Prof. S. S. Dongre Chairperson BoS Computer Science and Engineering presented minutes of meeting. • Prof. Aditya Abhyankar asked about the suggestions in BoS meeting on Deep Learning course. • Prof. S. S. Dongre told that the suggestions given were to reframe the syllabus in such a way that it should not start with activation function. • Prof. Prasad Krishna asked about permitting CSE students for honors and minor in IT and AI as most of the syllabus is same. • Prof. S. S. Dongre told that the tracks for honors and minor are framed such that the same course shall not be repeated.
<p>Electrical Engineering</p>	<ul style="list-style-type: none"> • Prof. P. M. Daigavane, Chairperson BoS Electrical Engineering presented minutes of meeting. • The council was informed that syllabus of Third year courses, minor changes in earlier approved syllabi of second year courses and details of minor and honor track were presented, discussed and approved in the meeting. • Prof. P. M. Daigavane ensured the inclusion of suggestions provided by experts.
<p>Civil Engineering</p>	<ul style="list-style-type: none"> • Prof. B. V. Khode, Chairman, BoS, Civil Engineering presented minutes of meeting • Prof. Prasad Krishna suggested not to remove book of Wang C K from the reference books list. • Prof. Khode informed that the board approved the syllabi of approved courses of third year; minor changes in approved syllabi of second year courses and minor and honors track.

The council approved the minutes of meeting of various Boards of Studies as presented by respective Chairpersons.



Agenda No-4/32: Inclusion of NCC as Open Elective Credit Course (Ref.: - AICTE Circular).

Resolution No.4/32: Member Secretary informed the council about the guidelines received from AICTE and UGC for inclusion of NCC as a general elective credit course. It was proposed and discussed that students upon successful completion of NCC and submission of certificates / evaluation details can be awarded earning of two credits as one of the course under one of open elective of UG schemes. Prof. Prasad Krishna asked about the maximum total number of credits allowed for such courses or else it can be offered as a skill course. Prof. O. G. Kakde also suggested to frame a policy for credit earnings through such courses so that students should not take undue advantage and resolve it through council.

Agenda No-5/32: Ratification: Planning of Teaching – Learning in online mode for Winter-2021.

Resolution: Ratification: Member Secretary informed council that the Winter-21 term of 21-22 session has started from July 01, 2021. The approval of director-cum chairperson of council is being taken for start of session from July 21 and academic calendar thereof. Director cum chairperson of council approved the date of commencement and academic calendar for W-21 term and suggested to table the point for ratification in forthcoming academic council meeting. The council ratified the approved commencement date and academic calendar of winter -21 term of 2021-22 session.

Agenda No-6/32: Mapping of NPTEL courses with curriculum courses for Winter-2021.

Resolution: Prof. Prasad Krishna suggested not to offer the conventional courses through NPTEL. Only specialized courses on high end and latest technologies should be offered.

Agenda No-7/32: Online Mode Teaching-Learning: Even Term Summer-2021.

Resolution: Member Secretary presented the statistics for online mode classes conducted during even term 2020-21 session. It was informed to the council that the guest / expert sessions from industry experts, IITs/NITs / IIITs / IISERs experts, virtual industry visits were conducted. Details of parents meet, CR meeting were presented. Prof. Prasad Krishna suggested to include 4-5 students of a class along with CRs in CR meetings. Member Secretary informed that the schedule of meeting is notified to the students in advance to collect the issues/concerns for CR meeting from their classmates and MoM are circulated to all classes / sections.

Agenda 32.7.a: Conduction of Elective Courses by Industry Experts.

Resolution: Member Secretary presented the details of conduction of two elective courses of Computer Science and Engineering department by Industry Experts. The details included number of beneficiaries, course names and semesters along with the expert's feedback and students' feedback. Prof. O.G Kakde asked about the assessment of the courses by expert. Member Secretary informed that only the internal assessment (one / two parameters) was done by the expert.

Agenda 32.7.b: Courses Offered through NPTEL.

Resolution: Member Secretary presented the NPTEL Courses details offered in summer -21 term of 2020-21 session.



Agenda 32.7.c: Peer Teaching Details.

Resolution: Member Secretary presented the details of peer teaching scheme of summer- 2021. Prof Prasad Krishna asked about the honorarium given to the peer teachers and the non-involvement as a peer teacher from branches like Civil Engineering, Electrical Engineering and Mechanical Engineering. Member Secretary informed the council that the peer teachers are felicitated in peer teacher's award with honorarium and certificate per hour basis. The applications for peer teaching were not received from Civil Engineering, Electrical Engineering and Mechanical Engineering. It was suggested for the remaining three departments to ensure their student representatives.

Agenda 32.7.d: Detention Details.

Resolution: Member Secretary presented the summary of detention list of session summer 2021 / course dropping (NPTEL) detention.

Agenda 32.8: ESE Planned and Executed since last meeting.

Resolution: The details of End Semester Examinations planned and executed since last meeting of council were presented by Member Secretary.

Agenda 32.9: Result Details of ESE Winter-20 & Summer-21 of 2020-21 Session

Resolution: The result details of End Semester Examination Winter 2020 and summer 2021 were presented by Member Secretary. He informed the council that the vacation examination summer 2021 is going on from 12th July 2021.

Agenda 32.10: Details of Summer Term-2021 (Online Mode).

Resolution: Member Secretary presented the major activities of Summer Term 2021 along with the details of department wise registrations.

Agenda 32.11: Placement and Internship Details (Till Date) for 2020-21 Batch

Resolution: The details of placements and internship for 2020-21 batch were presented by Member Secretary. Prof Prasad Krishna suggested to present department wise percentage of students placed. He also asked about the placement statistics of Civil Engineering, Electrical Engineering and Mechanical Engineering departments. Prof B R Vidhale, Dean T&P informed the council that around 20% students are placed from core branches till date.

Agenda 32.12: Institute Achievements & Accomplishments

Resolution: Member Secretary presented the major achievements and accomplishments of the institute. He informed the council that the institute launched its own nanosatellite GHRCEsat in association with ISRO. Further few achievements of students, details of organization of conferences & summits, patent filing, R&D publication details and the details of collaboration with IIT Bombay for the development of MOOCs course were conveyed to the council. The council appreciated the efforts taken by the institute and congratulated the institute and authorities for the achievements of the institute.

Any other matter with the permission of Chair

Member Secretary appealed members for any other points to be kept in the meeting for discussion/ resolution with the permission of chair.

Chairman, Academic Council informed the council that three new programs viz. Computer Science and Engineering (Internet of Things), Computer Science and Engineering (Artificial Intelligence and Machine Learning), Computer Science and Engineering (Cyber Security) are approved by All India Council for Technical Education (AICTE) New Delhi. He also informed the council that All India Council for Technical Education (AICTE) New Delhi has also approved a PG course M. Tech. in Defence Technology in association with Defence Research and Development Organization (DRDO).

The council congratulated for the approval of new UG and PG programs.

Meeting ended with vote of thanks proposed by Member Secretary and Director.

Kind

Member Secretary

Cc

- Director cum Chairperson of Academic Council
- E circulation to all members
- RTM Nagpur University (E-circulation)
- Website
- File



G. H. RAISONI COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)

Dual Accreditations NAAC "A+" Grade & NBA (Tier-I)

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Minutes of 31st Meeting of Academic Council

The 31st meeting of Academic Council of G.H. Raisoni College of Engineering was held on 17th December 2020 at 11:00 am on web-Ex platform. Prof. Sachin Untawale, Chairperson Academic council & Director GHRCE, presided over the meeting. The following members were present for the meeting.

Sr. No.	Name	Designation at Academic Council
1.	Prof. S. P. Untawale	Chairman, Academic Council and Director
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. Aditya Abhyankar	Member, Educationist Expert
4.	Prof. V. A. Mhaisalkar	Member, Educationist Expert
5.	Prof. Prasad Krishna	Member, Educationist Expert
6.	Prof. Niranjana Deshkar	Nominee of RTMN University Nagpur
7.	Prof. Narendra Bawane	Nominee of RTMN University Nagpur
8.	Prof. Hemant Hajare	Nominee of RTMN University Nagpur
9.	Prof. P. V. Walke	Member and Deputy Director & Dean IQAC
10.	Prof. S. S. Dorle	Member and Registrar
11.	Prof. S. B. Jaju	Member and Dean R & D
12.	Prof. B. P. Butey	Member and Dean F.Y.
13.	Prof. V. K. Chandrakar	Member and Dean, PG
14.	Dr. B. R. Vidhale	Member and Dean, Placements
15.	Mr. Gural Singh	Member and Dean, Industry Relations
16.	Prof. P. J. Wadhai	Member and Controller of Examination
17.	Dr. K. K. Jajulwar	Member and Dean, Students Activities
18.	Prof. B. V. Khode	Member and Head of the Civil Engineering Department
19.	Prof. R. S. Shelke	Member and Head of the Mechanical Engineering Department
20.	Prof. S. S. Salankar	Member and Head of the Electronics and Telecommunication Engineering Department
21.	Prof. P. M. Daigavane	Member and Head of the Electrical Engineering Department
22.	Prof. M. A. Gaikwad	Member and Head of the Information Technology Department
23.	Prof. D. V. Padole	Member and Head of the Electronics Engineering Department
24.	Dr. S. S. Dongre	Member and Head of the Computer Science and Engineering Department
25.	Mrs. A. Thomas	Member and Head of the Artificial Intelligence Department
26.	Dr. Sanjiv Kumar	Member and Head of the Master of Business Administration Department
27.	Mr. S. S. Wankhede	Member and Associate Professor
28.	Prof. M. M. Khanapurkar	Member Secretary, Deputy Director and Dean Academics

Mr Aniket Marathe, student member was absent due to his ongoing internship at industry. Member Secretary, Prof. M. M. Khanapurkar accorded a welcome to all esteemed members of Academic Council and with the permission of Chair, presented various points as per agenda.

Agenda No-1/31: Confirmation of Minutes of 30th Academic Council Meeting held on June 20, 2020.

Minutes were circulated to all members on email dated 26th June 2020.

Resolution No.1/31: The minutes of 30th meeting of the Academic Council were confirmed by the council.

Agenda No-2/31: Action Taken Report for 30th meeting of Academic Council.

Member Secretary presented the action taken report.

Action Taken Report on 30th Meeting of Academic Council

Agenda	Agenda	Discussion / Resolution	Action Taken
1/30	Confirmation of Minutes of 28th Meeting (February 20, 2020) & 29th Meeting (emergent) (May 03, 2020).	The minutes of 28 th & 29 th meeting were confirmed	Uploaded on website
2/30	ATR : 28th meeting and 29th meeting	The ATR for 28th and 29th meetings were approved.	
3/30	Minutes of Meetings of Board of Studies held during first week of June 2020.	Minutes of Boards of studies were approved.	
	30.3a Scheme of UG programs under Board of Studies	The council approved the updated schemes of UG programs as approved in the respective Board of Studies.	To be implemented from session 2020-21. Report (E-Circulation: July 21, 2020)
	30.3b Implementation of Teaching Learning in split term mode in odd term of academic session 2020-21	The council approved the split mode online teaching learning looking into COVID 19 situation.	Implemented in odd term of academic session 2020-21. Details Follows
4/30	Summer Term (online mode) for final year students having backlogs of lower semesters	The council approved the conduction of summer term for final year students having backlogs of lower semesters.	Summer Term 2020 was offered in online mode for final year students having backlogs of lower semesters. Examinations conducted and Results declared
5/30	Extension of Internship of one student of CSE Department by six months.	The Case was refereed back to department for providing details , The case has been reconsidered by department and the examination of said student was conducted during last week of June -20	

6/30	Execution of online skill courses and mapping with scheme courses	The Council unanimously approved the execution of online skill courses and mapping with scheme courses.	Offered during odd term of academic session 2020-21.
7/30	Webinars of experts of institutes of national repute (IITs/ NITs/ IIITs/IISERs) for faculty of RGI	The Council appreciated the webinar series efforts.	
8/30	To start UG program in Data Science and Increase of intake of UG program in Artificial Intelligence from 60 to 120	The members of the council congratulated the institute and authorities.	
9/30	Granting of NBA accreditation to three UG programs for three years and NIRF-20 Ranking		
10/30	Any other matter with permission of Chair	Member Secretary presented Coursera usage report	The Council appreciated the efforts taken by faculty members.
Prof. Sachin Untawale, Director and chairperson of academic council, informed the council that during lockdown, the faculty members of the institute have taken rigorous efforts for preparing copyrights, book chapter, research papers, filing patents, formulation of new experiments and many other academic tasks.			

Prof. N. M. Deshkar suggested to inform details of minutes i.e. MoM to home university i.e. RTMNU Nagpur. Director Sir informed the council that all the details are submitted to the University.

Resolution No.2/31: The action taken reports for 30th meetings were unanimously approved by the council.

Agenda No-3/31: Minutes of Meetings of Board of Studies held during December 5-12, 2020 & August 2020.

Resolution No.3/31:

Prof. O. G. Kakde and Prof. Prasad Krishna suggested to present the highlights of BoS meetings by the respective BoS Chairman. Chairpersons of various BoS presented the summary of respective BoS meeting.

1. Prof. M. A .Gaikwad, BoS Chairman, Information Technology presented highlights of BoS meeting. He informed the council about the external academic audit conducted in the department, NPTEL mapped courses and confirmation of syllabus of second year courses in the meeting. Prof. N M Deshkar asked about the newly added and removed courses. Member secretary explained that the courses were already approved by the BoS. The scheme 2020 was approved by respective BoS in the last meeting held in the

month of June 2020 and subsequently by Academic council in the meeting held on June 20, 2020.

2. Prof. D. V. Padole, BoS Chairman, Electronics Engineering and Electronics & Telecommunication Engineering presented summary of BoS meeting. He informed the council that UGC has approved BVoc course on mobile communication. The formalities of syllabus and scheme approval is in process.
3. Prof. R. S. Shelke, BoS Chairman, Mechanical Engineering presented the highlights of BoS meeting. Prof. Prasad Krishna appreciated for introducing Welding Technology course in association with Bajaj Steel as industry based elective. Prof. O. G. Kakde and Prof. Prasad Krishna asked about the assessment scheme of the mentioned course and suggested to involve industry person. Prof. R. S. Shelke told that the assessment of the course shall be done by the industry person and department faculty member with mutual coordination.
4. While presenting the summary of BoS meeting of Civil Engineering by Prof. B. V. Khode, Prof. O. G. Kakde suggested that PSO3 statement should be Civil Engineering specific.
5. Dr. S. S. Dongre, BoS Chairman, Computer Science and Engineering presented highlights of BoS meeting. Prof. Prasad Krishna suggested that the course Python for Data Science may be considered as an elective course instead of core course. Dr. S. S. Dongre informed that python language is most widely used language and hence the course is included as core course in the scheme.
6. Prof. O. G. Kakde suggested to include Indian languages during the presentation of highlights of First Year Engineering BoS by Chairman Dr. B. P. Butey. She informed that the Sanskrit language may be planned to include.
7. Prof. S. B. Jaju presented minutes of meeting of MBA held in the month of August 2020.

The council approved the BoS minutes of all boards unanimously.

Agenda No-4/31: Discussion for resolution on providing additional course certificate for additional learning.

Resolution No.4/31: Prof. O. G. Kakde and Prof. N. M. Deshkar suggested not to provide additional course certificate for additional learning. Prof. Prasad Krishna recommended to permit only brighter students for additional learning and kept his opinion that additional learning courses should be reflected on grade card instead of providing additional certificate.

Agenda No-5/31: Discussion on redefining Vision and Mission of the institute.

Resolution No.5/31: Prof. M. M. Khanapurkar presented the proposal for redefining vision and mission of the institute. Prof. O. G. Kakde told that the vision and mission of the institute

can be changed by following a proper procedure. Prof. V. A. Mhaisalkar informed that the department vision and mission will also change. Prof. Prasad Krishna said that in view of recently launched National Education Policy 2020, this may be novel initiative and institute should go ahead with it with proper process and maintain records of defining vision and mission.

Agenda No-6/31: Planning of Teaching – Learning in online mode during summer 2021

Resolution No.6/31: Member secretary tabled detailed plan of academic activities planning for even term of forthcoming session 2020-21 (i.e. Summer-2021).

Prof. N. M. Deshkar suggested to include the proposed daily assignment to be submitted by students in internal assessment. Prof O. G. Kakde suggested to re-appropriate / rearrange the weightage of external assessment. Prof. O. G. Kakde recommended to take approval from respective BoS by calling emergent meeting and then by circulation to academic council members it can be approved.

Prof. Prasad Krishna advised to take feedback of students on online teaching.

Prof. O. G. Kakde asked about the conduction of lab courses. Prof. M. M. Khanapurkar informed the council that simulation based lab courses were conducted for Electrical Engineering, Electronics Engineering and Electronics and Telecommunication Engineering. For Mechanical Engineering, Civil Engineering, the lab courses were conducted through recorded videos. The same practice for lab courses is planned for next session.

Prof. Prasad Krishna recommended to explore the virtual labs facility of IITs for lab courses.

Prof. O. G. Kakde suggested that for proposed condensed semester for First Year and PG programs, few of the course contents to be considered as self-study.

Member secretary informed about the proposed execution of session for DSY students. The students shall be offered few of the courses from III and all the courses of IV semester (Total registration upto 27-28 credits) and remaining courses like Skill, Quant-Reasoning, Aptitude, Liberal Arts, etc. shall be offered in workshop mode during summer after the end semester examination of summer 2021.

The council appreciated and approved the proposed plan for execution of the next session.

Points for Information

Agenda No.7/31: 29th Meeting of Internal Quality Assurance Cell (IQAC) and AQAR Report for 2019-20.

Resolution No.7/31: Member Secretary informed the council about the 29th Meeting of Internal Quality Assurance Cell (IQAC) held on 29th October 2020 and AQAR Report for 2019-20.

Agenda No.8/31: External Academic and Administrative Audit of 2019-20 Session.

Resolution No.8/31: Member secretary informed the council that Academic & Administrative Audit for 2019-20 session was conducted by team of external experts during 27th - 28th November 2020.

Prof. Prasad Krishna asked to take action on points put forward by external experts in the report.

Agenda No.9/31: Online Mode Teaching-Learning & Evaluation: Odd Term 2020 - 21 Session.

Resolution No.9/31: Member secretary presented the statistics for online mode classes conducted during odd term 2020-21 session and number of faculties involved. He also informed the council that the virtual industry visits were conducted and guest lectures from IITs/NITs and Industry experts were arranged during the session. The use of Moodle activities were also presented. The council was also informed about the conduction of toppers award and peer teachers award ceremony on 8th August 2020. The information related to detention summary, the examinations planned and conducted, CR meetings and parents meeting were also presented.

The members of the council appreciated the efforts taken by the institute.

Agenda No.10/31: Mapping of NPTEL courses with curriculum courses.

Resolution No.10/31: Member secretary informed the council that the NPTEL-Swayam course is mapped with one course in curriculum as per notification from DTE.

Agenda No.11/31: Result of End Semester Examination S-20 [Even Term 2019-2020]

Resolution No.11/31: Member secretary presented result statistics of Summer 2020 examinations.

Agenda No.12/31: Achievements and Accomplishments of the Institute

Resolution No.12/31: Member secretary presented the various achievements and accomplishments of the institute like ranking in ARIIA, NIRF, IIC, India today MDRA survey, best shikshan sanstha award by RTMNU, patent grants, patent filed, copyrights filed, AICTE-Utkrisht Sansthan Vishwakarma Award, Avishkar grant, AICTE Margdarshak, Technology transfer, Nodal center of SIH Software edition 2020, Grant for AICTE ATAL FDP, AICTE MODROBS, AICTE-RPS, AICTE-UKIERI, training programs attended by faculties, MoUs, collaborations, publications in refereed journals, etc.

The members of the council congratulated the institute.

Agenda No.13/31: Inter-Institute Collaboration with IITB for Development of NPTEL MOOC under Dr. Vikram Gadre

Resolution No.13/31: Member secretary informed the council about the collaboration with IIT Bombay for the development of MOOC course under Dr. Vikram Gadre and involvement of GHRCE students.

The members of the council congratulated the institute.

Agenda No.14/31: Mission Nano-satellite – Launching of GHRCE Nano-satellite “GHRCEsat”

Resolution No.14/31: Member secretary informed the council that GHRCE has been identified as one the potential institute amongst 75 institutions in India for Students’ Satellite Consortium, India by Indian Technology Congress Association to create incubation for developing and launching Nano-satellite. GHRCE has signed the MoU with ITCA and TSC Technologies for CSPD Serbia.

The members of the council congratulated the institute.

Agenda No.15/31: Placement statistics for 2020-21 Batch

Resolution No.15/31: Member secretary presented the placement and internship statistics for 2020-21 batch.

The members of the council appreciated the placement statistics of the institute

Agenda No.16/31: Change of responsibility as Chairman of BoS of CSE Department :
From Mr. Pranshant Borkar to Prof. Snhelata Dongre

Resolution No.16/31: Member secretary informed the council that the chairman of BoS CSE department will be Prof. Snhelata Dongre in place of Mr. Pranshant Borkar

31.17 Any other matter with the permission of Chair

- Prof. M. M. Khanapurkar presented the promotion rules, CBCS credit registration limits as below

31.17 a) Promotion Rules: Proposal for change of earning minimum credits for getting promoted to next higher semester/year for 160 credits scheme

Credits earning requirements for promotion to Semester	Minimum Credit Earnings			
	Students admitted in 2018-19 scheme		Students admitted in 2020 scheme	
	FY admitted	DSY admitted	FY admitted	DSY admitted
III	22	--	19	--
V	65	30	60	25
VII	110	70	105	70
Year wise average number of credits:				
First Year	43		37	
Second Year	42		43	
Third Year	40		44	
Fourth Year	35		36	

The council approved the promotion rules as proposed by member secretary.

31.17 b) CBCS Credit registration limits: Proposal for change of term wise credits registration for various CGPA category students as per for 160 credits scheme.

Parameters	Credit Limit Details for 180 credit scheme	Proposed Credit Limit Details for 160 credits Scheme
Minimum Credit Limit	15	12
CGPA >= 9.25	30 (Including additional courses of UG & PG)	27 including additional courses of UG & PG).
CGPA >= 6.75 and < 9.25	29 (Including additional courses of UG & PG).	26 (Including additional courses of UG & PG).
CGPA >= 6.25 and < 6.75	All courses in current semester (Including additional courses of UG).	All courses in current semester scheme (Including additional courses of UG).
CGPA < 6.25 and clear pass	All courses in current semester	All courses in current semester
CGPA < 6.25 and with backlogs	15	12

The council approved the Credits registrations limits as proposed by member secretary.

The council unanimously approved the promotion rules and CBCS credit registration limit.

31.17 c: Six Months Extension in Project / Internship for students having unsatisfactory remarks.

Member secretary presented example cases in the council meeting as per following table

Prof. O. G. Kakde and Prof. Prasad Krishna said that the faculty advisor and department should take care of such cases.

Name of the Student	Branch	Term	Course	Examination To Appear	Status of Project / Internship	Extension Up To	Status of Project / Internship Before Last Date of Extension	Probable Date of Result & Remark
Student 1	Electrical Engineering	Eighth	Project (Phase - II)	Summer 2019	Satisfactory	Not Applicable	Not Applicable	31 May 2019
Student 2	Electrical Engineering	Eighth	Project (Phase - II)	Summer 2019	Unsatisfactory	15 November 2019	Satisfactory	15 December 2019
** Student 3	Electrical Engineering	Eighth	Project (Phase - II)	Summer 2019	Unsatisfactory	15 November 2019	Unsatisfactory	15 December 2019 with FAIL (FF Grade) due to by default ABSENT for Summer 2019

**** Student 3 will have to reregister the course as a fresh in the next term / semester whenever offered with usual terms and conditions of admission & re-registration as applicable time to time.**

31.17 d: Coursera Usage Report

Member secretary presented the courser usage report of the institute.

Meeting ended with vote of thanks proposed by Member Secretary and Director.



Member Secretary

Cc –

- **Director cum Chairperson of Academic Council**
- **E circulation to all members**
- **RTM Nagpur University (E-circulation)**
- **Website**
- **File**



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Minutes of 30th Meeting of Academic Council

The 30th meeting of Academic Council of G.H. Raisoni College of Engineering was held on 20/06/2020 at 11:00 am on webex platform. Prof. Sachin P. Untawale, Director GHRCE, Chairman presided over the meeting. The following members were present for the meeting.

Sr. No.	Name	Designation at Academic Council
1.	Prof. S. P. Untawale	Chairman, Academic Council and Director
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. Aditya Abhyankar	Member, Educationist Expert
4.	Prof. V. A. Mhaisalkar	Member, Educationist Expert
5.	Prof. Prasad Krishna	Member, Educationist Expert
6.	Prof. Niranjana Deshkar	Nominee of RTMN, Nagpur
7.	Prof. Narendra Bawane	Nominee of RTMNU, Nagpur
8.	Prof. P. V. Walke	Member and Deputy Director & Dean IQAC
9.	Prof. S. S. Dorle	Member and Registrar
10.	Prof. S. B. Jaju	Member and Dean R & D
11.	Prof. B. P. Butey	Member and Dean F.Y.
12.	Prof. V. K. Chandrakar	Member and Dean, PG
13.	Dr. B. R. Vidhale	Member and Dean, Placements
14.	Mr. Gural Singh	Member and Dean, Industry Relations
15.	Prof. P. J. Wadhai	Member and Controller of Examination
16.	Dr. K. K. Jajulwar	Member and Dean, Students Activities
17.	Prof. B. V. Khode	Member and Head of the Civil Engineering Department
18.	Prof. R. S. Shelke	Member and Head of the Mechanical Engineering Department
19.	Prof. S. S. Salankar	Member and Head of the Electronics and Telecommunication Engineering Department
20.	Prof. P. M. Daigavane	Member and Head of the Electrical Engineering Department
21.	Prof. M. A. Gaikwad	Member and Head of the Information Technology Department
22.	Prof. D. V. Padole	Member and Head of the Electronics Engineering Department
23.	Dr. Prashant Borkar	Member and Head of the Computer Science and Engineering Department
24.	Mrs. A. Thomas	Member and Head of the Artificial Intelligence Department
25.	Dr. Sanjiv Kumar	Member and Head of the Master of Business Administration Department
26.	Mr. S. S. Wankhede	Member and Associate Professor
27.	Mr. Aniket Marathe	Student Member
28.	Prof. M. M. Khanapurkar	Member Secretary and Deputy Director and Dean Academics

Prof. Hemant Hajare Nominee RTMNU was absent due to other assignments.

Member Secretary, Prof. M. M. Khanapurkar accorded a welcome to all esteemed members of Academic Council and with the permission of Chair, presented the various points as per agenda.

Agenda No-1/30: Confirmation of Minutes of 28th Academic Council Meeting held on February 20, 2020 & 29th meeting (emergent) held on May 03, 2020.

Resolution No.1/30: The minutes of 28th meeting and 29th meeting (emergent) of the Academic Council were confirmed by the house.

Agenda No-2/30: Action Taken Report for 28th meeting and 29th (emergent) meeting of Academic Council.

Member Secretary presented the action taken report.

Action Taken Report on 28th Meeting of Academic Council

Agenda No.	Agenda	Discussion /Resolution	Action Taken
1/28	Confirmation of minutes of 27 th Meeting. (Nov-2019)	The minutes of 27 th meeting were confirmed	Uploaded on website
2/28	ATR: Minutes of 27 th Meeting.	ATR on 27 th meeting was approved by the house.	
3/28	Minutes of respective BoS Meetings (January-2020)	Chairpersons of BoS presented respective BoS Minutes and were approved	<ul style="list-style-type: none"> • BoS Chairpersons were advised to present only BoS approved items • Pending items is to be tabled subsequently after its approval
4/28	Minutes of DIAB Meetings	<ul style="list-style-type: none"> • Industry Elective Courses. • BoS Chairpersons were advised to table DIAB meeting points in BoS meeting • upon approval to be tabled as minutes of BoS 	
5/28	Panel of Examiners	House approved the panel of examiners.	Processed for further execution
6/28	Extension of Industry Internships	House approved the extension.	Internship of three students extended by six months
7/28	Peer Teaching & CTS	To take feedback and carry out impact analysis on initiatives taken by institute	Impact Analysis follows
8/28	Industry based electives	Details of industry based elective presented and approved	To be implemented from session 2020-21.
9/28	Any other matter with permission of Chair	Changes in BOS internal Members	Processed and implemented
		List of Skill Courses to be conducted in summer 2020	Online skill courses in process (Details follows)

Action Taken Report on 29th Meeting (Emergent) of Academic Council

Agenda No.	Agenda	Discussion / Resolution	Action Taken
1/29	Conduction of ESE-S -20	<ul style="list-style-type: none"> • UGC Guidelines to be followed • Students consent to be taken • Circulation of Schedule well before examination commencement • As per UGC recommendation 20% courses can be conducted through SWAYAM / NPTEL. Institute should prepare the mapping of all such courses for next semester. 	<ul style="list-style-type: none"> • UGC Guidelines and Government of Maharashtra circular followed • Students consent taken (98-99% provided positive consent and others were counseled with their concerns • Meeting with CRs and SRCs taken • Mapping of 20 % courses with SWAYAM courses done (Details follow)
2/29	Approval for undertaking TLP through convenient IT tools	House unanimously approved to undertake teaching learning and evaluation process through IT tools.	Standard Operating Practices document is prepared to follow Social Distancing Protocols during TLP
3/29	Establishment of Board of Studies of Interdisciplinary Engineering and Sciences.	House approved the constitution of separate Board of Studies of Interdisciplinary Engineering	<ul style="list-style-type: none"> • Board of Studies of Interdisciplinary Engineering is constituted (Details follow) • 1st meeting : June 13, 2020 Chaired by interim Chairperson Dr. Pramod Walke
4/29	Execution of TLP) and for Even Term of 2019-20	The house appreciated the efforts taken by institute for successful completion of TLP online	Done

In action taken report, Member Secretary presented the mapping of NPTEL/SWAYAM courses with courses of schemes, details of constitution and first meeting of board of studies in Interdisciplinary Engineering and the impact analysis of few of initiatives taken by the institute such as six months industry internship, credit transfer for NPTEL courses, credit transfer scheme with other reputed institutes, peer teaching and online activity based end semester examination.

Suggestions received:

- Prof .O. G. Kakde pointed out that the number of placements through internship is low.
- Prof. Prasad Krishna suggested to counsel the students wishing to pursue higher education and provide them appropriate type of internship like research internship in case he is interested in research.
- In impact analysis of CTS, Prof. O. G. Kakde suggested to map learning outcomes with different performance indicators.
- Prof. Mhaisalkar suggested to add conclusions drawn from the impact analysis.

Resolution No.2/30: The action taken reports for 28th and 29th meetings were unanimously approved by the house.

Agenda No-3/30: Minutes of Meetings of Board of Studies held during first week of June 2020.

30.3a Scheme of UG programs under Board of Studies

30.3b Implementation of Teaching Learning in split term mode in odd term of academic session 2020-21

Resolution No.3/30:

30.3: House approved the minutes of all Boards of studies.

30.3a: Prof. M. M. Khanapurkar highlighted the rationale behind the proposal of new scheme. Prof. V. A. Mhaisalkar asked about the presence of external members in the meeting of Board of Studies. Prof. M. M. Khanapurkar highlighted prominent expert members present in the meeting of different Board of Studies.

Member secretary presented the proposed scheme in the form of approved minutes of meeting of respective Boards of Studies. However Prof. O. G. Kakde and Prof. Prasad Krishna suggested to take into account the outcome based education criterion for justification of change in scheme. A report will be prepared and circulated to all Members. Prof. M. M. Khanapurkar answered queries raised in this context.

The house approved the newly framed schemes of all UG programs as approved by the respective Board of Studies.

30.3b: Member secretary tabled detailed split wise plan of academic activities planning for odd term of forthcoming academic session 2020-21 (i.e W-20).

House appreciated the proposed plan for execution of the next session in split mode.

Prof. O. G. Kakde suggested to prepare alternative plan (backup) for proposed split-III which is proposed to start from 01 September. Member secretary informed the house that the split-III will be through online mode if students are not allowed in campus in the session. Prof. M. M. Khanapurkar assured to the house that the laboratory courses shall be conducted through virtual labs or simulations.

Prof. Prasad Krishna suggested to reimburse the broadband connection for the students who face network connectivity problem.

The house approved the split mode online teaching learning process in the forthcoming session looking into pandemic COVID 19 situation.

Agenda No-4/30: Summer Term (online mode) for final year students having backlogs of lower semesters

Resolution No.4/30: House approved the conduction of summer term for final year students having backlogs of lower semesters. Members appreciated and urged to reach out to students who have not registered so far.

Agenda No-5/30: Extension of Internship of one student of CSE Department by six months. Member secretary informed the house that, a student doing internship in L&T, due to not appearing in progress seminar; industry internship is proposed to be extended for next six months.

Resolution No.5/30: House resolved that the decision towards extension of internship to be implemented along with L&T and department by consulting contact person of L&T and the department.

Agenda No.6/30: Execution of online skill courses and mapping with scheme courses

Resolution No.6/30: House appreciated the efforts of the institute for conduction of skill courses and approved mapping of skill courses with scheme courses.

Prof. V. A. Mhaisalkar inquired about skill courses conduction with scheme course like SOM which has lab, Prof. M .M. Khanapurkar replied that lab course will be done separately and also labs to be taken either on campus, if permitted in split III or if attending classroom by students is not permitted by then, various tools like simulation tools and virtual labs will be used.

Points for Information

Agenda No.7/30: Webinars of experts of institutes of national repute for faculty of RGI

Resolution No.7/30: Member Secretary informed the house about the conduction of series of webinars from the experts of institutes of national repute for faculty of RGI. The details of one week national level online FDPs were elaborated by Member Secretary. House appreciated the webinar series efforts.

Agenda No.8/30: To start B. Tech. program in Data Science Increase of intake of B. Tech. in Artificial Intelligence from 60 to 120

Resolution No.8/30: Member secretary informed the house about the approval from AICTE to start B. Tech. program in Data Science and increase of intake of B. Tech. in Artificial Intelligence from 60 to 120

The members of the house congratulated the institute and authorities.

Agenda No.9/30: Granting of NBA accreditation to three UG programs for three years and NIRF-20 Ranking

Resolution No.8/30: Member secretary informed the house that the three programmes viz. Electronics Engineering, Electronics and Telecommunication Engineering and Mechanical Engineering were accredited by NBA for three years (Valid from 20-21 session upto June 2023). Also recently in NIRF 2020 rankings, the institute got 139th rank in engineering institutes category.

The members of house congratulated the institute and authorities.

Any other matter with the permission of Chair

- Prof. M. M. Khanapurkar presented Coursera usage report.
- Prof. Sachin Untawale, Director and chairperson of academic council, informed the house that during lockdown, the faculty members of the institute have taken rigorous efforts for preparing copyrights, book chapter, research papers, filing patents, formulation of new experiments and many other academic tasks. House appreciated the efforts taken by faculties.

Meeting ended with vote of thanks proposed by Member Secretary and Director.



Prof. Milind Khanapurkar
Member Secretary

Cc – E circulation to all members

- **Website**
- **File**



G H Raisoni College of Engineering

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Minutes of 29th Meeting (Emergent) of Academic Council

The 29th meeting (emergent) of Academic Council of G H Raisoni College of Engineering was held on **May 03, 2020 at 10.30 am** in the form of e-meeting through an online meeting app. Prof. Sachin Untawale, Director GHRCE, Chairman, Academic Council presided over the meeting.

The following members were present

Sr. No.	Member Name	Designation at Academic Council
1.	Prof. S. P. Untawale	Chairman
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. V. A. Mhaisalkar	Member, Educationist Expert
4.	Prof. Prasad Krishna	Member, Educationist Expert
5.	Prof. Aditya Abhyankar	Member, Educationist Expert
6.	Prof. H. V. Hajare	Nominee of Rashtrasant Tukadoji Maharaj Nagpur University Nagpur
7.	Prof. N. M. Deshkar	
8.	Dr. N. G. Bawane	
9.	Prof. P. V. Walke	Dy. Director & Dean IQAC
10.	Prof. S. B. Jaju	Dean, R & D
11.	Prof. V. K. Chandrakar	Dean, PG
12.	Prof. B. P. Butey	Dean, First Year
13.	Prof. S. S. Dorle	Registrar
14.	Dr. P. J. Wadhai	Controller of Examinations
15.	Dr. K. K. Jajulwar	Dean, SAC
16.	Prof. B. V. Khode	Heads of the Departments
17.	Prof. R. S. Shelke	
18.	Prof. P.M. Daigavane	
19.	Prof. M. A. Gaikwad	
20.	Prof. D. V. Padole	
21.	Prof. S. S. Salankar	
22.	Dr. Prashant Borkar	
23.	Mrs. A. Thomas	
24.	Mr. S. Kumar	
25.	Prof. M. M. Khanapurkar	Dy. Director, Dean Academics & Member Secretary

Chairman of Academic Council and Director of the Institute Dr. S.P. Untawale accorded a welcome to all the esteemed members of Academic Council and informed the members that during lockdown period, classes were conducted in an online mode and also internal examinations were conducted online. Further college is planning to conduct the End Semester Examinations in an online mode since lockdown period is extended.

Member Secretary welcomed all the esteemed members of Academic Council and requested the permission of Chairman to proceed with the meeting agenda.

Member Secretary presented the guidelines issued by the Office of Secretary, University Grants Commission, New Delhi (Ref. No. D. O. No. F. 1- I /2020 (Secy) Dated April 29, 2020). The house was informed about the planning of conduction of End Semester Examination S-20 of theory, practical, project and internship courses in online mode through convenient electronic / IT tools. Following agenda points were tabled in the meeting.

Agenda No-1/29:

In view of lock down due to COVID-19, approval for conduction of End Semester Examination S-20 of theory, practical, project and internship courses on line through convenient electronic / IT tools.

- Prof. O. G. Kakde suggested that ESE should be conducted and scheduled as per the guidelines of UGC.
- Prof. N. M. Deshkar suggested to inform and take consent from the students regarding the mode of conduction of ESE to students and inform regarding the same to the affiliating University. Further he suggested that if some students are not ready to attend the online examination, a separate offline exams should be conducted for all such students.
- Prof. Narendra Bawane suggested to circulate the schedule of ESE amongst students at least fifteen days prior to the commencement of examination.
- Prof. Prasad Krishna suggested to revise the academic calendar for current and next session and to display it on institute website and to circulate amongst students.
- Prof. O. G. Kakde suggested to collect and document the consent of all the students through google form. Further he suggested to provide two options to each student in the form of online / conventional offline examination.
- Prof. V. A. Mhaisalkar enquired about the re-exam provision if any for students who will fail or remain absent.
- Prof. N. M. Deshkar suggested that all students currently out of Nagpur may find it difficult for them as they might not carrying their notes.
- Member secretary informed the house that faculties have already circulated notes and teaching material to all the students.

- Prof. Aditya Abhyankar suggested that as per UGC recommendation 20% courses can be conducted through SWAYAM/NPTEL. Institute should prepare the mapping of all such courses for next semester.
- Director informed the house that consent of all class representatives and student representatives was already taken in an e _ meeting conducted on 29th April 2020.
- Member secretary informed the house that mode of conduction is already circulated to the students.
- Director informed the house that re-examination will be arranged for all the students who will Fail / remain absent / Opted for improvement.

Resolution No.1/29:

House unanimously approved the conduction of End Semester Examination S-20 of theory, practical, project and internship courses online through convenient electronic / IT tools.

Agenda No-2/29:

If lockdown continues till the start of new session i.e. odd term of 2020-21, approval for undertaking teaching learning and evaluation process through suitable and convenient electronic / IT tools.

Resolution No.2/29:

House unanimously approved to undertake teaching learning and evaluation process through suitable and convenient electronic / IT tools in case lockdown continues till the start of new session i.e. odd term of 2020-21.

Agenda No-3/29:

In view of growing need of incorporation of interdisciplinary courses in the scheme (s) in the form of open electives or otherwise, constitution of separate Board of Studies of Interdisciplinary Engineering and Sciences.

Resolution No.3/29:

House approved the constitution of separate Board of Studies of Interdisciplinary Engineering and Sciences.

Agenda No-4/29:

Execution of teaching learning (remaining portion due to lockdown since mid of March 2020) and evaluation (Internal) for Even Term of 2019-20 i.e. current ongoing session through e-mode.

Member secretary informed the house about the execution of teaching learning (remaining portion due to lockdown since mid of March 2020) and evaluation (Internal) for Even Term of 2019-20 i.e. current ongoing session through e mode.

Resolution No.4/29:

The house appreciated the efforts taken by institute for successful completion of teaching learning and internal evaluation through e-mode during lockdown period.

Any other matter with the permission of Chair

- Member secretary shared the glimpses of E Classes, E meetings, Projects / Internships Seminars, Internal Examinations carried out during the lockdown period.

The house appreciated initiatives taken and the overall process.

- Member secretary informed the house about the formation of 'GHRCE News Desk' for sharing information about the various activities carried out by institute.

The house congratulated the institute and wished success for the activity.

- Director informed the house that during lockdown period faculties were motivated to write good quality research papers. Nearly 70 papers are of good quality with less than 20% plagiarism, 45 papers are interdisciplinary research papers, 38 patents are prepared which are ready to submit and 83 copyrights are ready during this lockdown period. Faculty members have also started writing books/ book chapters and 48 books / book chapters are ready.

The house appreciated the organization for the same.

- Prof. N. M. Deshkar suggested to open an online student counseling portal for counselling students who are worried about post COVID-19 pandemic effects. He also suggested to motivate the students to learn multiple skill courses during lockdown period.
- Director and Member Secretary assured the house that looking in to situation institute will take all the efforts and will leave no stone unturned to plan, conduct and execute the Teaching Learning and Evaluation processes fairly and smoothly to raise the satisfaction of stakeholders.

Meeting ended with vote of thanks proposed by the Member Secretary.

Sd / -
Prof. Milind Khanapurkar
Member Secretary

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- File



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MINUTES OF 28TH MEETING OF ACADEMIC COUNCIL

The 28th meeting of Academic Council of G.H. Raisoni College of Engineering was held on 22/02/2020 at 10:30 am in the Conference Hall of the College. Prof. Sachin P. Untawale, Director GHRCE, Chairman presided over the meeting.

The following members were present in the meeting:

SN	Name	Designation at Academic Council / Academic Board
1.	Prof. S.P.Untawale	Chairman
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof.V.A.Mhaisalkar	Member, Educationist Expert
4.	Prof.Prasad Krishna	Member, Educationist Expert
5.	Prof.Aditya Abhyankar	Member, Educationist Expert
6.	Prof.P.V.Walke	Dy.Director & Dean IQAC
7.	Prof.M.M.Khanapurkar	Dy.Director & HoD, ETC
8.	Prof. S. B. Jaju	Dean R & D
9.	Prof. V. K. Chandrakar	Dean, PG
10.	Prof. B.V.Khode	H.o.D. Members
11.	Prof. R. S. Shelke	
12.	Prof. P.M. Daigavane	
13.	Prof. M.A.Gaikwad	
14.	Prof.D.V.Padole	
15.	Dr.Prashant Borkar	
16.	Mrs. A. Thomas	
17.	Prof. B. P. Butey	
18.	Prof. P.B.Nagarnaik	Teacher Members
19.	Dr. P. J. Wadhai	
20.	Mr. S. S. Wankhede	
21.	Dr. K. K. Jajulwar	
22.	Mr.Aniket Marathey	Student Member
23.	Prof. S. S. Dorle	Member Secretary nominated by Director

Prof.N.M.Deshkar, Prof.N.G.Bawane and Prof. Hemant Hajare, Nominee RTMNU were absent due to other assignments.

Member Secretary, Prof. S. S. Dorle welcomed all the esteemed members of Academic Council and also introduced and welcomed the new Director of the institute Prof.Sachin P.

Untawale and with the permission of Chairperson, presented the various points as per agenda.

Agenda No-1/28: Confirmation of minutes of 27th Academic Council Meeting.

Resolution No.1/28: The minutes of 27th meeting of the Academic Council were approved by the house.

Agenda No-2/28: Action taken report on the minutes of 27th Meeting.

Member Secretary presented the action taken report.

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/27	Confirmation of minutes of 26 th Academic Council Meeting.	The minutes of 26 th meeting of the Academic Council were confirmed by the house.	Uploaded on website
Agenda No.2/27	Action taken report on the minutes of 26 rd Meeting.	Action taken report on 26 th meeting was approved by the house.	Uploaded on website
Agenda No.-5/27	Status of NPTEL Courses	<p>Member secretary presented the status of NPTEL Courses. The house appreciated the efforts taken by the institution for successfully running NPTEL courses and the achievements of students. Related to assessment and credit transfer, Prof. O. G. Kakde suggested to transfer credit of NPTEL as it is for result declaration. Currently it was needed to take full class registration which was as per current guidelines of MHRD.</p> <ul style="list-style-type: none">• If any student fails or remain absent in final exam of NPTEL, he/she should be allowed to appear for End Sem / Vacation exam of the institute. If both exam dates are missed, then separate special exam shall be taken.• If any student fails to submit the assignments / tutorials/ programming test of NPTEL course, he /she shall be detained in the mapped course of institute and he / she need to re-register the detained course.• Grade improvement exam for the NPTEL course can be allowed to the students for the mapped course in institute.	As per suggestions, the NPTEL policy is updated, Implemented and circulated to all the faculties and students.

Resolution No.2/28: Action taken report on 27th meeting was unanimously approved by the house.

Agenda No-3/28: Minutes of Board of Studies Meetings.

Member secretary informed that BoS meetings were held for all BoS of the institute and requested respective BOS Chairman, to present their minutes.

Resolution No.3/28:

House unanimously approved the minutes of all BoS. However all the members suggested that if there is no change in scheme and its structure, we need to finalize all issues of BoS first and then recommend for approval in Academic Council meeting. No pending issues to be presented to Academic Council.

Agenda No-4/28: Minutes of Industry Advisory Board Meetings

Resolution No.4/28: Prof.O.G.Kakde suggested that the industry elective courses proposed by DIAB should be approved first by BoS and then BOS minutes can be presented in Academic Council meeting.

Agenda No-5/28: Panel of Examiners for Summer-2020 ESE and Summer-2020 vacation exam

Department	Doctorate			External Examiners					Internal Examiners	Total no Examiners	Int Examiners %	Ext Examiners %
	Ext	Int	Total	IIT Industry Person	NIT	Autonomous College	Govt & Other College	Total Ext				
Total for UG Courses	112	102	214	3	3	125	111	242	332	574	58	42
Total for PG Courses	63	35	98	0	5	34	52	91	103	194	53	47
Overall (UG+PG)	175	137	312	3	8	159	163	333	435	768	57	43

Resolution No.5/28:

House unanimously approved the panel of examiners.

Agenda No.6/28: Extension of Industry Internships

Member secretary informed the house that based on the surprise visits carried out by Industry Institute Interaction cell, weak performing students may be given an extension in industry internship of three students of the institute is proposed to be extended for next six months.

Resolution No.6/28: The House approved the extension.

Points for Information**Agenda No.7&8 /28: Status of Peer Teaching & Credit Transfer Scheme**

Resolution No.7&8 /28: Member secretary presented the status of Peer Teaching and CTS. Prof. O. G. Kakde suggested that the impact analysis to be done and presented in the next meeting.

Agenda No.9 /28: Floating Industry based electives in department**Resolution No.9 /28:**

- CSE: In pool of electives of CSE, Dr. Prashant Borkar informed the house about the courses proposed by industries. Prof. Abhyankar inquired about the syllabus of elective proposed by industry. Dr. Borkar informed that one unit of administration is included in syllabus of Sales-Force which is proposed by Persistent Systems.

- Mechanical Engg: Prof. R. S. Shelke informed the house that in industry elective for theory, industry person will train the faculty members about its syllabus and for practicals, batches of 15 students each will be trained at industry i.e. at Bajaj Steels
- Prof. O. G. Kakde suggested to do impact analysis of activity based examinations and CTS. He further mentioned to decide the parameters and set up a mechanism for impact analysis.

Any other matter with the permission of Chair

1. Controller of Examinations placed before the examination Committee the following points for consideration and approval, the same are approved by the examination committee.
 - a) Elective group number should be specified along with course name on Grade Card.
 - b) Additional learning courses should be shown on separate certificate rather than showing it on Grade Card. This decision will be applicable retrospectively from academic session 2019-20.

House approved the same.

2. List of Skill Courses to be conducted in session summer 2020 was presented


House appreciated the different ongoing skill courses being taken by the institute.

Items for information of the Academic Council

Director informed the house that one faculty of Mechanical engineering department has received patent.

- Prof. Aditya Abhyankar suggested to frame IPR policy for design and technology transfer and for non-disclosure of patent.
- Prof. O. G. Kakde suggested to do analysis for increase in job offerings due to internship along with percent increment in stipend for internship.
- Prof. M. M. Khanapurkar informed the house that recently NBA visited the institute on 7th -9th Feb 2020 for the accreditation of three departments viz. Mechanical Engineering, Electronics Engineering and Electronics & Telecommunication Engineering departments.

Meeting ended with vote of thanks proposed by Member Secretary.


PROF. S. S. DORLE
Member Secretary



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MINUTES OF 27TH MEETING OF ACADEMIC COUNCIL

The 27th meeting of Academic Council of G.H. Raisoni College of Engineering was held on 16/11/2019 at 10:00 am in the Conference Hall of the College. Prof. Preeti Bajaj, Director GHRCE Chairperson presided over the meeting.

The following members were present in the meeting:

SN	Name	Designation at Academic Council / Academic Board
1.	Prof. Preeti Bajaj	Chairperson
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Dr.V.A.Mhaisalkar	Member, Educationist Expert
4.	Dr.Prasad Krishna	Member, Educationist Expert
5.	Prof. N. M. Deshkar	Nominee of RTMNU
6.	Dr.Narendra Bawane	Nominee of RTMNU
7.	Dr.P.V.Walke	Dy.Director
8.	Dr.M.M.Khanapurkar	Dy.Director & HoD, ETC
9.	Prof. S. B. Jaju	Dean R & D
10.	Dr.B.R.Vidhale	Dean T&P
11.	Dr. B.V.Khode	H.o.D. Members
12.	Dr. R. S. Shelke	
13.	Prof. P.M. Daigavane	
14.	Dr. M.A.Gaikwad	
15.	Prof. S.Joshi (Incharge Head)	
16.	Prof. A. Thomas (Incharge Head)	
17.	Prof. B. P. Butey	
18.	Dr.Priti Rai	
19.	Prof. P.B.Nagarnaik	Registrar
20.	Dr. P. J. Wadhai	Teacher Members
21.	Mr. S. S. Wankhede	
22.	Dr. K. K. Jajulwar	
23.	Mr.Aniket Marathey	Student Member
24.	Prof. S. S. Dorle	Member Secretary nominated by Director

Dr.Aditya Abyankar, Dr. Hemant Hajare Member, Educationist Expert was absent due to some reason.

Member Secretary, Prof. S. S. Dorle welcomed all the respected members and with the permission of Chairperson, presented the various points as per agenda.

Agenda No-1/27: Confirmation of minutes of 26th Academic Council Meeting.

Resolution No.1/27: The minutes of 26th meeting of the Academic Council was confirmed by the house.

Agenda No-2/27: Action taken report on the minutes of 26th Meeting. Member Secretary, Prof. S. S. Dorle presented the action taken report.

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/26	Confirmation of minutes of 25 th Academic Council Meeting.	The minutes of 25 th meeting of the Academic Council was confirmed by the house.	Circulated and Uploaded on website
Agenda No.2/26	Action taken report on the minutes of 25 rd Meeting.	Action taken report on 25 ^h meeting was approved by the house.	Circulated and Uploaded on website
Agenda No.- 7/26	To approve the Scheme & syllabus of B. Tech. in Artificial Intelligence & B. Tech. First year	<ul style="list-style-type: none"> • Dr. Kakde and Dr. Abhyankar Suggested that the First Year subject "Data Structures" should be as "Introduction to Data Structures" and 3rd Semester subject "Data Structures" as "Data Structures and Computer Architecture". • For the courses "Introduction to Drones and "Industry 4.0", it is suggested to keep 01 Hour Theory and 02 Hours Practical instead of 2 hours theory. Credits to be maintained same. • HPC & GPC to be added as Elective. 	<ul style="list-style-type: none"> • Incorporated in the B. Tech. scheme of all Branches and offered from the 2019-20 session. • Changes done and Industry 4.0 is introduced as an elective in 5th semester of AI Scheme. • Added as Elective in 6th Semester of AI scheme.
Any other point for Approval:		Honors specialization will be with 16 credits and student to acquire minimum 8.25 overall CGPA and will be applicable from 2018-19 batch. For Minor Specialization students need to collect minimum 16 credits with no minimum grade. However other students admitted prior to 2018-19, 12 credits with minimum "BB" grade and above shall be applicable for Honors and Minors.	Changes done in rules and regulations of GHRCE which is uploaded on website and mailed to all students and faculty members.

Resolution No.2/27: Action taken report on 26th meeting was unanimously approved by the house.

Agenda No-3/27: List of Panel of Examiners.

B.o.S/ Department	Doctor			External Paper Setter Panel					Internal	Total no of Paper Setter	Internal Paper Setter %	External Paper Setter %
	External	Internal	Total	IIT / Industry Person	NIT	Autonomous College	Other College	Total External	Total Internal			
Total for UG Courses	92	63	155	2	6	118	90	216	235	451	52	48
Total for PG Courses	63	32	95	1	4	40	74	119	110	229	48	52
Overall (UG+PG)	155	95	250	3	10	158	164	335	345	680	51	49

Resolution No.3/27: House unanimously approved the list of panel of examiners.

Agenda No-4/27: Nomenclature of degree from B.E. to B.Tech

Resolution No.4/27: House was informed regarding change in nomenclature of degree from B.E. to B.Tech. as per UGC guidelines from 2019 admitted batch for which decision have taken time to time from 2013 onwards.

Agenda No-5/27: Status of NPTEL Courses

Resolution No.5/27: House has appreciated the efforts taken by institute for successfully running NPTEL courses and the achievements of students. Related to assessment and credit transfer, Dr. O. G. Kakde suggested to transfer credit of NPTEL as it is for result declaration. Currently it was to have full class registration which was as per current guidelines of MHRD.

- If any student fails or remain absent in final exam of NPTEL, he/she should be allowed to appear for End Sem / Vacation exam of the institute. If both exams dates passed, then separate special exam shall be taken.
- If any student fails to submit the assignments / tutorials/ programming test of NPTEL course, he /she shall be detained in the mapped course of institute and he / she need to re-register the detained course.
- Grade improvement exam for the NPTEL course can be allowed to the students for the mapped course in institute.

Agenda No.6/27: Ratification-Changes in BOS internal Members

Resolution No. 6/27: House has accepted ratification changes in BOS members.

Agenda No.7/27: Chances for appearing in exam to be given for Old students

Resolution No.7/27: House has approved for giving 3 chances to the old students to appear for exam. Director informed the house that these chances are given to the students according to the circular dated 18th October 2019.

Agenda No. 8/27: CTS with Industry

Resolution No. 8/27: Dean Academics informed house that a student of Computer Science Engineering department has withdrawn his application for CTS in industry.

Agenda No-9/27: Data Science Summit

Resolution No.9/27: House appreciated for organizing Data science summit on such emerging topic.


Agenda No.10/27: List of Skill Courses conducted in session winter 2019 was presented

Resolution No.10/27: House also appreciated the different skill courses conducted in winter 2019. The students are imparted with the current technologies through these courses.

Director informed the house about the recent activities and achievements.

- Under TEQIP III, Institute is selected by MHRD for smart classrooms. Institute will be getting 5 smart classrooms.
- Dr. Mhaisalkar suggested to visit smart classroom of Civil department at VNIT, Nagpur
- 4 faculty members of different departments will be attending 3 days Project based training program at Hubli.
- AICTE's margadarshak scheme. Institute is mentoring 10 institute in the region for NBA and other activities.
- Paramarsh scheme of UGC for NAAC.
- Institute received TBI grant of Rs.14 Cr.
- Institute is listed in Limca book of world record for face painting event.
- Institute is ranked in platinum category in CII ranking for 2018-19. Further it was informed that for 5th consecutive year the institute is listed in platinum category.

Meeting ended with vote of thanks proposed by member secretary.


PROF. S. S. DORLE
Member Secretary



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MINUTES OF 26TH MEETING OF ACADEMIC COUNCIL

The 26th meeting of Academic Council of G.H. Raisoni College of Engineering was held on 29/06/2019 at 10:00 am in the Conference Hall of the College. Prof. Preeti Bajaj, Chairperson presided over the meeting.

The following members were present in the meeting:

SN	Name	Designation at Academic Council / Academic Board
1.	Prof. Preeti Bajaj	Chairperson
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. Aditya Abhyankar	Member, Educationist Expert
4.	Prof. H. V. Hajare	Nominee of RTMNU
5.	Prof. N. G. Bawane	
6.	Prof. N. M. Deshkar	
7.	Prof. S. B. Jaju	Dy. Director and Dean R & D
8.	Prof. P.Y. Pawade	Deans and Heads
9.	Dr. R. S. Shelke	
10.	Prof. P.M. Daigavane	
11.	Prof. M.N.Khanapurkar	
12.	Dr. U N Shrawankar	
13.	Ms. N. A. Chavhan	
14.	Dr. V. Bhora	
15.	Prof. B. P. Butey	
16.	Dr. K. S. Mukharjee	
17.	Prof. Vinod Chandrakar	
18.	Dr. K.D.Joshi	Registrar
19.	Prof. P.B.Nagarnaik	Registrar
20.	Dr. P. J. Wadhai	Teacher Members
21.	Mr. S. S. Wankhede	
22.	Dr. Swati Dixit	
23.	Dr. K. K. Jajulwar	
24.	Dr. Bhushan Vidhale	
25.	Dr. Sunil Nangrani	Invited Members
26.	Mr. Chetan Dhule	
27.	Mr. P. S. Ghatode	
28.	Prof. S. S. Dorle	Member Secretary nominated by Director

Prof. Prasad Krishna, Prof. V. A. Mhaisalkar- Member, Educationist Expert and Prof. P V Walke were absent due to various reasons.

Member Secretary, Prof. S. S. Dorle welcomed all the respected members and with the permission of Chairperson, presented the various points as per agenda.

Agenda No-1/26: Confirmation of minutes of 25th Academic Council Meeting.

Resolution No.1/26: The minutes of 25th meeting of the Academic Council was confirmed by the house.

Agenda No-2/26: Action taken report on the minutes of 25th Meeting. Member Secretary, Prof. S. S. Dorle presented the action taken report.

Sr. No.	Agenda	Action Taken
Agenda No-1/25	Confirmation of minutes of 24 th Academic Council Meeting.	Uploaded on website
Agenda No-2/25	Action taken report on the minutes of 24 rd Meeting.	Uploaded on website
Agenda No.-3/25	To approve minutes of Board of Studies Meeting of various departments	House approved the minutes of BOS meetings of various departments.
Agenda No-4/25	To approve Dual Major Scheme	House approved the Dual Major Schemes of all existing programmes. The nomenclature of "Major" will be replaced by "Honors" and submitted to university for approval
Agenda No-5/25	Approval for new scheme of Post Graduate Courses.	House unanimously approved the new scheme of Post Graduate Courses to be implemented from 2019-20 academic session. Nomenclature of Project is revised as PG Dissertation in place of Industry/Research Project is incorporated.
Agenda No.-6/25	Minor in Artificial Intelligence	As per suggestions, the scheme was prepared.
Agenda No.-9/25	To approve the Scheme of B. Tech. in Artificial Intelligence	The scheme was approved and offered from 2019-20 session.
Agenda No.- 11/25	To approve <u>Equivalence</u> of NPTEL courses	The scheme was prepared after the healthy discussion held in subcommittee meeting suggested by Hon. Members.
Agenda No-13/25	ARIIA	Institute is ranked in top 100 institutes of India
Agenda No-18/25	Variation in intake and closure of courses.	Variation and closure of courses are approved and shall be implemented from session 2019-20

Resolution No.2/26: Action taken report on 25th meeting was unanimously approved by the house with following suggestions.

Agenda No-3/26: List of Graduands & Statistics

Controller of Examinations presented the result analysis, statistics of Graduands for both UG, PG under autonomy and presented summary and List of Gold, Silver, Medalists and toppers from each section. Also Achievers Award Criteria and Best PG Thesis criteria and name of awardees.

SHORT SUMMARY			Total Recommended Award of Degree
EXAM	UG	PG	(UG + PG)
S-2019	1287	186	1473
S-2018	21	0	21
S-2017	2	0	2
S-2016	1	0	1
Grand Total	1311	186	1497

SN	UG/PG	Program	Sec	CGPA	Position	Name Of Graduate
1	UG	CIV	A	9.69	Topper 2nd	Chandan Harishchandra Kamdi
2	UG	CIV	B	9.01	Topper 2nd	Yogita Shrikrushna Ingle
3	UG	CSE	A	8.78	Topper 2nd	Hrishikesh Pramod Deshmukh
4	UG	CSE	B	8.38	Topper 2nd	Shreyas Pravin Deshmukh
5	UG	CSE	C	9.36	Topper 2nd	Sunny Rajesh Belankar
6	UG	CSE	D	9.14	Topper 2nd	Prajwal Yadavrao Tekade
7	UG	ELE	A	9.41	Topper 2nd	Chaitanya Dnyaneshwar Shambharkar
8	UG	ELE	B	8.94	Topper 2nd	Bhashik Rajesh Kamble
9	UG	ETX	A	8.17	Topper 2nd	Ashish Yadubans Singh
10	UG	ETX	B	7.52	Topper 2nd	Ritesh Dilip Kukde
11	UG	ETC	A	9.21	Topper 2nd	Ashish Mathur
12	UG	ETC	B	8.88	Topper 2nd	Vijay Rammoorat Mourya
13	UG	ETC	C	8.94	Topper 2nd	Shruti Patankar
14	UG	ETC	D	8.60	Topper 2nd	Sumegh Gajendera Tembhurne
15	UG	IFT	A	9.37	Topper 2nd	Shridhar Shirishrao Deshpande
16	UG	MEC	A	9.26	Topper 2nd	Pankaj Ramesh Khare
17	UG	MEC	B	9.30	Topper 2nd	Rushikesh Baburao Bhimewar
18	UG	MEC	D	9.02	Topper 2nd	Saurabh Bandu Dange
19	UG	CIV	A	9.55	Topper 1st	Ashay Ashok Sawarkar
20	UG	CSE	A	9.11	Topper 1st	Chetan Suresh Hingnekar
21	UG	CSE	C	9.03	Topper 1st	Shrutika Sanjayrao Modak
22	UG	CSE	D	9.54	Topper 1st	Jahid Salim Quraishi
23	UG	ELE	A	9.56	Topper 1st	Ritesh Balpande
24	UG	ETX	A	8.73	Topper 1st	Devshree Rajesh Bhongade
25	UG	ETC	A	9.59	Topper 1st	Bhavika Ravishankar Kewalramani

26	UG	ETC	B	9.58	Topper 1st	Rahul Bhagwan Sonwane
27	UG	ETC	C	9.53	Topper 1st	Satyam Shashwat
28	UG	ETC	D	9.20	Topper 1st	Chetan Gajanan Lokhande
29	UG	MEC	A	9.49	Topper 1st	Pavankumar Bhausahab Biradar
30	UG	MEC	B	9.11	Topper 1st	Prathamesh Vivek Deshpande
31	UG	MEC	C	8.95	Topper 1st	Ankit Wasudeo Bhende
32	UG	MEC	D	9.72	Topper 1st	Shubham Baraskar
33	UG	CIV	B	9.85	Gold / Silver / Topper 1st	Rahul Waghmare
34	UG	CSE	B	9.85	Silver / Topper 1st	Rupanshu Ashok Janbandhu
35	UG	ELE	B	9.71	Silver / Topper 1st	Aditi Sudhir Zurmure
36	UG	ETRX	B	9.75	Silver / Topper 1st	Mrunali Suresh Patil
37	UG	ETC	B	9.64	Silver	Shubhangee Sunil Bhagat
38	UG	IFT	A	9.56	Silver / Topper 1st	Sagar Yogesh Pandey
39	UG	MEC	C	9.81	Silver / Topper 2nd	Shubham Vishveshwar Malode
40	UG	EE	B	7.49	Best Student	Harshal Dhiraj Khandekar
41	UG	MEC	C	7.86	Best Student	Bharatbhushan Ramakant Dwarkewasi
42	PG	ENV	A	8.90	Silver	Dishali Diwakar Hirulkar
43	PG	STR	A	9.63	Silver	Priya Shamrao Bhurse
44	PG	CSE	A	9.34	Silver	Sujata Damodhar More
45	PG	IPS	A	9.04	Silver	Sneha Moreshwar Waghare
46	PG	PED	A	9.13	Silver	Neha Tulsiram Makode
47	PG	ETRX	A	9.75	Silver	Prajakta Ashok Satpute
48	PG	VLSI	A	9.14	Silver	Javeriya Zainab Abdulnabi Shaikh
49	PG	CME	A	9.26	Silver	Devyani Gunwant Shobhane
50	PG	CAD- CAM	A	9.58	Silver	Aditya Dipendra Pannase
51	PG	HPE	A	8.83	Silver	Karan Ashok Kamble
52	PG	MCA	A	9.59	Silver	Rakshanda Dilip Shende
53	PG	TRE	A	9.91	Gold / Silver	Chintaman Santosh Bari
54	PG	MBA	A	9.76	Gold	Sharmistha Chakraborty
55	PG		A		Best PG Thesis Award	
56	PG		A		Best PG Thesis Award	

Resolution No.3/26: House unanimously approved the list of Graduands who shall pass in Summer/Vacation/Summer Term 2019 examinations to be eligible for award of degree.

Agenda No-4/26: Internal Evaluation Report

Major Points are

- Teaching Learning and Evaluation Processes (BOG Meetings, CBCS details, UG/PG Detained students, six month internship, ELearning courses, Grievances W-18, S-19 , open house, Efforts for week students,)
- Faculty development Practices
- Student Development Practices
- Research and Development Practices
- ICT Teaching Learning
- Quality improvement Practices

Resolution No.4/26: Dean Academics presented Internal Evaluation report and is approved by House.

Agenda No-5/26: BoS meeting of first year Engineering.

Major Approvals:

1. Minutes and action taken report of the of Ninth meeting.
2. Approval of new teaching and examination scheme of B. Tech (Artificial Intelligence)
3. Review of the syllabi for Mathematics, Physics, Environmental Science and Waste Management courses for academic session 2019-20.

Resolution No.5/26: House has approved the BOS Minutes of BE. First Year Engineering

Agenda No-6/26: Minutes of Meetings of Board of Studies (AI)

B.TECH. ARTIFICIAL INTELLIGENCE PROGRAMME-

Major Approvals:

1. Approved the scheme and syllabus for B.Tech in AI
2. To finalize the skills to be offered in First Year
3. Discussion on projects to be carried out in First Year
4. Discuss the practical/project based approach for delivering curriculum

Resolution No.6/26: House has approved the BOS Minutes of B. Tech. in Artificial Intelligence

Agenda No-7/26: To approve the Scheme & syllabus of B. Tech. in Artificial Intelligence & BE first year

Member Secretary presented the Scheme & syllabus of B. Tech. in Artificial Intelligence and updated scheme of first year which was approved by house with following changes.

Dr. Kakde and Dr. Abhyankar Suggested that the First Year subject "Data Structures" should be as "Introduction to Data Structures" and 3rd Semester subject "Data Structures" as "Data Structures and Computer Architecture".

For the courses "Introduction to Drones and "Industry 4.0", it is suggested to keep 01 Hour Theory and 02 Hours Practical instead of 2 hours theory. Credits to be maintained same.

HPC & GPC to be added as Elective.

Resolution No.7/26: House has approved the BOS Minutes of B. Tech. in Artificial Intelligence

Any other point for Approval:

Honors specialization will be with 16 credits and student to acquire minimum 8.25 overall CGPA and will be applicable from 2018-19 batch. For Minor Specialization students need to collect minimum 16 credits with no minimum grade. However other students admitted prior to 2018-19, 12 credits with "BB" grade and above shall be applicable for Honors and Minors.

Changes in the BOS:

Resolution No.7/26: House has approved the Changes in BOS members of departments

Points for Information:

Agenda No-9/26: Academic and Administrative audit

Resolution No.9/26: All members have appreciated the Audit.

As there was no other point to discuss, meeting ended with vote of thanks proposed by member secretary.



PROF. S. S. DORLE
Member Secretary



G. H. RAISONI COLLEGE OF ENGINEERING

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Dual Accreditations NAAC "A+" Grade & NBA (Tier-I)

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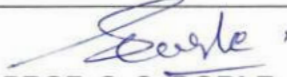
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Action Taken Report on

26th MEETING OF ACADEMIC COUNCIL

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/26	Confirmation of minutes of 25 th Academic Council Meeting.	The minutes of 25 th meeting of the Academic Council was confirmed by the house.	Circulated and Uploaded on website
Agenda No.2/26	Action taken report on the minutes of 25 rd Meeting.	Action taken report on 25 th meeting was approved by the house.	Circulated and Uploaded on website
Agenda No.-7/26	To approve the Scheme & syllabus of B. Tech. in Artificial Intelligence & B. Tech. First year	<ul style="list-style-type: none">• Dr. Kakde and Dr. Abhyankar Suggested that the First Year subject "Data Structures" should be as "Introduction to Data Structures" and 3rd Semester subject "Data Structures" as "Data Structures and Computer Architecture".• For the courses "Introduction to Drones and "Industry 4.0", it is suggested to keep 01 Hour Theory and 02 Hours Practical instead of 2 hours theory. Credits to be maintained same.• HPC & GPC to be added as Elective.	<ul style="list-style-type: none">• Incorporated in the B. Tech. scheme of all Branches and offered from the 2019-20 session.• Changes done and Industry 4.0 is introduced as an elective in 5th semester of AI Scheme.• Added as Elective in 6th Semester of AI scheme.
Any other point for Approval:		Honors specialization will be with 16 credits and student to acquire minimum 8.25 overall CGPA and will be applicable from 2018-19 batch. For Minor Specialization students need to collect minimum 16 credits with no minimum grade. However other students admitted prior to 2018-19, 12 credits with minimum "BB" grade and above shall be applicable for Honors and Minors.	Changes done in rules and regulations of GHRCE which is uploaded on website and mailed to all students and faculty members.


PROF. S. S. DORLE
Member Secretary



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MINUTES OF 25TH MEETING OF ACADEMIC COUNCIL

The 25th meeting of Academic Council of G.H. Raisoni College of Engineering was held on 03/03/2019 at 02:00 pm in the Conference Hall of the College. Prof. Preeti Bajaj, Chairperson presided over the meeting.

The following members were present in the meeting:

SN	Name	Designation at Academic Council / Academic Board
1.	Prof. Preeti Bajaj	Chairperson
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. Prasad Krishna	Member, Educationist Expert
4.	Prof. Aditya Abhyankar	Member, Educationist Expert
5.	Prof. P V Walke	Dy. Director
6.	Prof. S. B. Jaju	Dy. Director and Dean R & D
7.	Prof. P.Y. Pawade	Deans and Heads
8.	Dr. R. S. Shelke	
9.	Prof. P.M. Daigavane	
10.	Dr. Meenakshi Arya	
11.	Dr. U N Shrawankar	
12.	Ms. N. A. Chavhan	
13.	Prof. B. P. Butey	
14.	Dr. K. S. Mukharjee	
15.	Dr. P. J. Wadhai	Teacher Members
16.	Mr. S. S. Wankhede	
17.	Dr. Swati Dixit	
18.	Dr. K. K. Jajulwar	
19.	Prof. S. S. Dorle	Member Secretary nominated by Director

Prof. V. A. Mhaisalkar- Member, Educationist Expert, Prof. Hemant Hajare- Nominee of RTMNU. Prof. N. M. Deshkar- Nominee of RTMNU, Prof. N. Bawañe-Nominee of RTMNU and Dr. K. D. Joshi-Dean Placements were absent due to various reasons.

Member Secretary, Prof. S. S. Dorle welcomed all the respected members and with the permission of Chairperson, presented the various points as per agenda.

Agenda No-1/25: Confirmation of minutes of 24th Academic Council Meeting.

Resolution No.1/25: The minutes of 24th meeting of the Academic Council was confirmed by the house.

Agenda No-2/25: Action taken report on the minutes of 24th Meeting. Member Secretary, Prof. S. S. Dorle presented the action taken report.

Sr. No.	Agenda	Action Taken
Agenda No-1/24	Confirmation of minutes of 23 rd Academic Council Meeting.	Uploaded on website
Agenda No.2/24	Action taken report on the minutes of 23 rd Meeting.	Uploaded on website
Agenda No.-4/24	To approve new rules and regulations.	It is implemented from current session i.e. 2018-19. Uploaded on website.
Agenda No.-5/24	To approve the panel of examiners.	More industry persons added
Agenda No.-6/24	Approval for CTS with industry of 4 students	01 student from BE Mechanical Engg. has joined the industry and 03 students have withdrawn from the scheme. Concrete policy has been prepared.
Agenda No.-7/24	Margdarshan Scheme	Faculties have been invited to attend the theory classes and workshops which will be held at GHRCE
Agenda No.-11/24	To approve the updated list of electives.	Electives are offered as per industry need and being implemented in the current term also. Suggestions are obtained from industry persons in designing syllabus.
Agenda No.-1/13/24	To approve Best PG thesis parameters and suggestions	Policy prepared
Agenda No.-2/13/24	To approve Closure of Courses	House has approved and it is under process
Agenda No.-3/13/24	To review the directions for online examinations	The team is appointed and directions for the same has been prepared Prof. P. V. Walke, Mrs. A. V. Thomas and Controller of Examinations

CTS with Industry:

Resolution No.2/25: Action taken report on 24th meeting was unanimously approved by the house with following suggestions.

Resolution No. 2/25a: Prof. Abhyankar suggested that students should be chosen on the basis of their percentile and it is decided that top 25% students can be given chance to take benefit of this scheme.

Resolution No. 2/25b: It was decided that minimum 01 and maximum 02 subjects can be exempted for the student.

Resolution No. 2/25c: Evaluation of exempted courses shall be done by industry supervisor. However students shall appear in End Semester Examination.

Resolution No. 2/25d: Best PG Dissertation Award - Prof. Kakde suggested that in addition to the policy, credit point system can be followed and after discussion with all the members it was decided that every department would have best PG dissertation award.

Resolution No. 2/25e: Policy for online/Activity Based/Project Based examinations - Dr. Kakde suggested that if examinations are conducted on Moodle then maintenance of hard copies for attendance should be avoided. He also suggested that evaluation by Industry person shall not be made mandatory.

Agenda No-3/25: Minutes of Board of Studies Meeting of various departments.

All the Chairpersons of Board of studies were invited to present their rationale and minutes of latest Board of Studies meetings.

Prof. Abhyankar suggested that industry supervisors shall be make aware about the difference between UG and PG projects.

Dr. Prasad Krishna suggested to introduce Mechatronics System Design course instead of Mechatronics course in ETC/ETRX UG Scheme. It was also discussed to have necessity of Mechatronics System Design in ETC/ETRX UG Scheme.

After discussion house appreciated the changes made in syllabus of under graduate programmes.

Resolution No.3/25: House approved the minutes of BOS meetings of various departments.

Agenda No-4/25: Dual Major Scheme

The Dual Major Schemes of all the disciplines were prepared and on 24th February 2019, a meeting of subcommittee of academic council was called by Governing Body Member, Prof. V. M. Gadre, which was attended by Dean Academics and all BOS chairpersons alongwith Director. Rules and framework was derived and finalized.

Resolution No.4/25: House appreciated the Dual Major Schemes of all departments approved by Academic Council Subcommittee and approved the same.

Dr. Abhyankar suggested to offer Dual Minor of six months duration for students. Also suggested to obtain feedback from students and industry persons about Dual Major Scheme and then accordingly the scheme can be modified.

Agenda No-5/25: To approve new scheme of Post Graduate Courses.

Member Secretary presented the new schemes of 07 M. Tech. Courses namely M. Tech. Communication Engineering, M. Tech. VLSI, M. Tech. Integrated Power System, M. Tech. CAD/CAM, M. Tech. Structural Engineering, M. Tech. Transportation Engineering, M. Tech. Computer Science & Engineering and Master in Business Administration approved by their respective Board of Studies to be implemented from 2019-20 academic session.

Dr. Kakde suggested that the nomenclature of Project should be PG Dissertation in place of Industry/Research Project and in rules and regulation it can be mentioned that Dissertation has to be with Industry/ Research.

Resolution No.5/25: House unanimously approved the new scheme of Post Graduate Courses to be implemented from 2019-20 academic session.

Agenda No-6/25: Minor in Artificial Intelligence

Member secretary presented the scheme of Minor in Artificial Intelligence.

Prof. Krishna suggested to add the course on Artificial Intelligence in Manufacturing Process.

At the end Prof. Abhyankar suggested to look the various courses available on Artificial Intelligence through an initiative by RUSA.

Resolution No.5/25: House unanimously approved the scheme of Minor in Artificial Intelligence.

Agenda No-9/25: The Scheme of BE/ B. Tech. in Artificial Intelligence (approved through circulation).

Member Secretary presented the Scheme of BE/ B. Tech. in Artificial Intelligence which was already approved through circulation on mail.

Prof. Preeti Bajaj requested the house to allow to add course on Drone in the scheme which was approved.

Resolution No.9/25: House unanimously approved the scheme of BE/B. Tech. in Artificial Intelligence in the meeting.

Agenda No-10/25: To approve the panel of examiners for summer 2019 examinations.

B.o.S/ Department	Doctorate			External Examiners					Internal Examiners	Total no of Examiners	Internal Examiners %	External Examiners %
	External	Internal	Total	Industry Person	NIT	Autonomous College	Govt & Other College	Total External	Total Internal			
Civil UG	8	6	14	5	2	6	10	23	24	47	51	49
CSE(UG)	4	0	4	14	1	10	3	28	18	46	39	61
ELE (UG)	5	10	15	12	0	9	6	27	42	69	61	39
ETRX/ETC (UG)	4	7	11	17	1	10	9	37	29	66	44	56
IT	13	0	13	8	1	4	8	21	14	35	40	60
MECH (UG)	4	3	7	6	0	8	8	22	33	55	60	40
First Year	8	5	13	4	0	7	3	14	14	28	50	50
Total for UG Courses	46	31	77	66	5	54	47	172	174	346	50	50

CIVIL (PG)	6	6	12	4	1	5	3	13	22	35	63	37
CSE (PG)	0	0	0	4	0	2	0	6	4	10	40	60
ETC/ETRX (PG)	1	2	3	1	0	2	0	3	2	5	40	60
ELE (PG)	4	6	10	5	1	1	1	8	17	25	68	32
MECH (PG)	11	10	21	3	2	8	10	23	30	53	57	43
MBA(PG)	36	8	44	2	0	4	19	25	28	53	53	47
Total for PG Courses	58	32	90	19	4	22	33	78	103	181	57	43
Overall (UG+PG)	104	63	167	85	9	76	80	250	277	527	53	47

Member Secretary presented the Panel of Examiners with the statistics of external members who are from distinguished NITs, Autonomous Institutes and mainly from Industries.

Resolution No.10/25: All the honorable members of House appreciated the efforts taken to involve external examiners including more industry experts in examination process and unanimously approved the panel of examiners.

Agenda No-11/25: Equivalence of NPTEL courses

Member Secretary presented the equivalence policy for NPTEL courses which are being registered by the students to learn through NPTEL platform.

Resolution No.11/25: It was resolved that students has to appear for the End Semester Examination conducted by Institute for respective registered NPTEL course.

Points for Information:

Agenda No-12/25: Paramarsh Scheme of UGC

Member Secretary presented about the Paramarsh Scheme of UGC. House congratulated the institute to get this opportunity.

Agenda No-13/25: ARIIA

Member Secretary presented about the ARIIA. House congratulated the institute to get this opportunity.

Agenda No-14/25: Awards by staff and students

Member Secretary presented the awards received by staff and students. House congratulated the institute to for getting awards.

Agenda No-15/25: G H R Connect-industry meet.

Chairman of Academic Council presented the G H R Connect-Industry meet which was held on 27th January 2019 in the Institute. House congratulated the institute to organize this event.

Agenda No-16/25: Result Analysis of Winter 2018 examinations.

Name of Exam	Year/Term	Name of Branch	Total No. of Students				
			Category of Students	Appeared	Pass	Fail	%
B.E.	I Term	All Branches	Regular	926	758	168	81.86
B.E.	III Term	Civil Engg.	Regular	146	113	33	77.40
		Computer Science & Engg.	Regular	281	242	39	86.12
		Electrical Engg.	Regular	145	114	31	78.62
		Electronics Engg.	Regular	102	68	34	66.67
		Electronics & Telec. Engg.	Regular	239	187	52	78.24
B.E.	III Term	Information Technology	Regular	71	60	11	84.51
		Mechanical Engg.	Regular	267	223	44	83.52
B.E.	V Term	Civil Engg.	Regular	147	117	30	79.59
		Computer Science & Engg.	Regular	273	254	19	93.04
		Electrical Engg.	Regular	144	135	9	93.75
		Electronics Engg.	Regular	132	111	21	84.09
		Electronics & Telec. Engg.	Regular	280	246	34	87.86
		Information Technology	Regular	74	66	8	89.19
		Mechanical Engg.	Regular	271	244	27	90.04
B.E.	VII Term	Civil Engg.	Regular	152	138	14	90.79
		Computer Science & Engg.	Regular	288	278	10	96.53
		Electrical Engg.	Regular	154	144	10	93.51
		Electronics Engg.	Regular	154	140	14	90.91
		Electronics & Telec. Engg.	Regular	301	267	34	88.70
		Information Technology	Regular	75	72	3	96.00
		Mechanical Engg.	Regular	267	264	3	98.88
M. Tech	I Term	Environmental Engg	Regular	13	12	1	92.31
		Transportation Engg	Regular	17	13	4	76.47
		Structural Engineering	Regular	20	18	2	90.00
		CAD / CAM	Regular	7	6	1	85.71
		Heat Power Engg	Regular	8	7	1	87.50
		Integrated Power System	Regular	11	11	0	100.00
		Power Electronics & Drives	Regular	8	4	4	50.00
		Communication Engg	Regular	10	9	1	90.00

		VLSI	Regular	13	13	0	100.00
		Computer Science Engg	Regular	14	12	2	85.71
M. Tech	III Term	Environmental Engg	Regular	15	15	0	100.00
		Transportation Engg	Regular	17	17	0	100.00
		Structural Engineering	Regular	25	25	0	100.00
		CAD / CAM	Regular	5	5	0	100.00
		Heat Power Engg	Regular	6	6	0	100.00
		Integrated Power System	Regular	8	8	0	100.00
		Power Electronics & Drives	Regular	12	12	0	100.00
		Communication Engg	Regular	3	3	0	100.00
		VLSI	Regular	12	12	0	100.00
		Electronics Engg.	Regular	8	8	0	100.00
		Computer Science Engg	Regular	14	14	0	100.00
		M.B.A.	I Term	Master of Business Administrator	Regular	58	50
M.B.A.	III Term	Master of Business Administrator	Regular	52	48	4	92.31
M.C.A.	V Term	Master of Computer Applications	Regular	19	19	0	100.00

Member Secretary presented the result analysis of winter 2018 examinations.

Resolution No.16/25: House approved the result of winter 2018 examinations.

Agenda No-17/25: International summit on AI

Chairman of Academic Council briefed the house about International AI summit which was held on 23-24 February 2019 by the Institute under Center of Excellence AI & ML.

House congratulated the Institute and appreciated the efforts taken to organize such International events.

Agenda No-18/25: Variation in intake and closure of courses.

Sr. No.	Name of Course	Old Intake	Proposed New Intake/ Remark
1	BE. Electronics & Tele. Engineering (FY)	180	60
2	BE. Electronics & Tele. Engineering (DSY)	60	Applied for closure
3	BE. Electronics Engineering	120	60
4	BE. Information Technology	60	180
5	BE/BTECH Artificial Intelligence	-	Applied for new

			course with 60 intake
6	M. Tech Heat Power Engineering	18	Applied for closure
7	M. Tech Environmental Engineering	18	Applied for closure
8	M. Tech Power Electronics & Drives	24	Applied for closure
9	M. Tech Electronics Engineering	18	Applied for closure
10	M. Tech Computer Science & Engineering	36	18

Member secretary presented about variation in intake and closure of the courses.

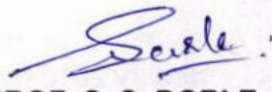
Resolution No.18/25:

House has unanimously approved the variation in intake and closure of the courses.

As there was no other point to discuss, meeting ended with vote of thanks proposed by member secretary.

Any Other Point:

On request of chairperson of Academic Council, Dr. Aditya Abhyankar elaborated the 100 crores grant under RUSA to SPFU and 5 components of the grant were discussed. It was also discussed that CDAC has center of Excellence of Artificial Intelligence (AI) in SPFU campus alongwith PARAM and Bhonsala Center of Excellence in AIML. MoU can be signed with CDAC and PARAM and also with Bhonsala Center of Excellence. RUSA courses for AI can be the part of Minor track of AI. Faculty members can also register for developing the learning resource and get good remuneration.


PROF. S. S. DORLE
Member Secretary

G.H. RAISONI COLLEGE OF ENGINEERING

[An Autonomous Institute Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur]
CRPF Gate No.3, Digdoh Hills, Hingna Road, Nagpur-16.

MINUTES OF 24TH MEETING OF ACADEMIC COUNCIL

The 24th meeting of Academic Council of G.H. Raison College of Engineering was held on 02/11/2018 at 09.30 am in the Conference Hall of the College. Prof. Preeti Bajaj, Chairperson presided over the meeting.

The following members were present in the meeting:

SN	Name	Designation at Academic Council / Academic Board
1.	Prof. Preeti Bajaj	Chairman
2.	Prof. O. G. Kakde	Member, Educationist Expert
3.	Prof. Prasad Krishna	Member, Educationist Expert
4.	Prof. Aditya Abhyankar	Member, Educationist Expert
5.	Prof. V. A. Mhaisalkar	Member, Educationist Expert
6.	Prof. Hemant Hajare	Nominee of RTMNU
7.	Prof. P V Walke	Dy. Director
8.	Prof. S. B. Jaju	Dy. Director and Dean R & D
9.	Mr. K. D. Joshi	All Deans and Heads
10.	Prof. P.Y. Pawade	
11.	Dr. R S Shelke	
12.	Prof. P.M. Daigavane	
13.	Dr. Meenakshi Arya	
14.	Dr. U N Shrawankar	
15.	Ms. N. A. Chavhan	
16.	Prof. B. P. Butey	
17.	Dr. K. S. Mukharjee	
18.	Mrs. Swati Dixit	Teacher Members
19.	Prof. A K Mahalle	Professors, Members (Invited)
20.	Prof. D.V. Padole	
21.	Prof. S.D. Giripunje	
22.	Prof. V.K. Chandrakar	
23.	Dr. Sugandha Singh	
24.	Mrs. A. V. Thomas	
25.	Prof. S. S. Dorle	Member Secretary nominated by Director

Prof. N. M. Deshkar, Prof. N. Bawane, nominee of RTMNU, Mr. S. S. Wankhede and Mr. K. K. Jajulwar were absent due to various reasons.

Member Secretary, Prof. S. S. Dorle welcomed all the honorable members and requested the house for self-introduction and with the permission of Chairman, presented the various points as per agenda.

Agenda No-1/24: Confirmation of minutes of 23rd Academic Council Meeting.

Resolution No.1/24: The minutes of 23rd meeting of the Academic Council was confirmed by the house.

Agenda No-2/24: Action taken report on the minutes of 23rd Meeting.

Sr. No.	Agenda	Action taken
Agenda No-1/23	Confirmation of minutes of 22 nd Academic Council Meeting.	Final minutes are uploaded on institute website and circulated.
Agenda No-2/23	Action taken report on the minutes of 22 nd Meeting.	Action taken report uploaded on website and circulated amongst all
Agenda No-3/23	Minutes of Board of Studies Meeting of various departments	Scheme was prepared as per suggestions given by Hon. Members and implemented for first year from session 2018-19.
Agenda No-4/23	Approval of List of Graduands & Statistics	Statistics and Report on graduation day is attached.
Agenda No-5/23	Approval of List of new BOS members	List was approved for all Board of Studies actual members
Agenda No-6/23	Points for Information	Internal Evaluation Report presented, Students' Skills sets planned are executed and Ranking of GHRCE presented
Agenda No-7/23a	Replacing nomenclature of grades in transcripts from session 2018-19	Approved for Winter 2018 admitted batch.
Agenda No-7/23b	Starting of Ph. D. Program under purview of Autonomy	Under Process-Letter sent to university for necessary action.

Member Secretary, Prof. S. S. Dorle presented the action taken report.

Resolution No.2/24: Action taken report on 23rd meeting was unanimously approved by the house.

Agenda No-3/24: Minutes of Board of Studies Meeting of various departments.

Resolution No.3/24: Member secretary presented the rationale in the meeting and then House approved the minutes of BOS meetings of various departments.

Agenda No-4/24: To approve new rules and regulations.

Chairman Academic Council informed the house about new rules and regulations of the institute by comparing with the previous rules and regulations.

Resolution No.4/24: House unanimously approved new rules and regulations

Agenda No-5/24: To approve the panel of examiners.

B.o.S/ Department	External Paper Setter Panel for Theory				Internal Paper Setter	Total no of paper setter	Internal paper setter %	External paper setter %
	NIT	Autonomous College	Govt & Other College	Total External	Total Internal			
Civil UG	2	30	19	51	51	102	50	50
CSE(UG)	2	11	3	16	18	34	53	47
ELE (UG)	1	9	27	37	33	70	47	53
ETRX/ETC (UG)	2	21	25	48	75	123	61	39
IT	3	10	2	15	23	38	61	39
MECH (UG)	0	15	16	31	42	73	58	42
First Year	0	17	4	21	31	52	60	40
MBA(UG)	0	1	1	2	2	4	50	50
Total for UG courses	10	114	97	221	275	496	55	45
CIVIL (PG)	6	15	24	45	62	107	58	42
CSE (PG)	2	9	3	14	12	26	46	54
ETC/ETRX (PG)	1	15	14	30	28	58	48	52
ELE (PG)	0	8	25	33	47	80	59	41
MECH (PG)	1	21	9	31	39	70	56	44
MBA(PG)	0	9	23	32	29	61	48	52
MCA(PG)	0	2	8	10	15	25	60	40
Total for PG courses	10	79	106	195	232	427	54	46
Overall(UG+PG)	20	193	203	416	507	923	55	45

B.o.S/ Department	External Paper Setter Panel for Practicals				Internal Paper Setter	Total no of paper setter	Internal paper setter %	External paper setter %
	NIT	Autonomous College	Govt & Other College	Total External	Total Internal			
Civil UG	2	30	19	51	51	102	50	50
CSE(UG)	2	11	3	16	18	34	53	47
ELE (UG)	1	9	27	37	33	70	47	53
ETRX/ETC (UG)	2	21	25	48	75	123	61	39
IT	3	10	2	15	23	38	61	39
MECH (UG)	0	15	16	31	42	73	58	42
First Year	0	17	4	21	31	52	60	40
MBA(UG)	0	1	1	2	2	4	50	50
Total for UG courses	10	114	97	221	275	496	55	45
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MECH (PG)	1	21	9	31	39	70	56	44
MBA(PG)	0	9	23	32	29	61	48	52
MCA(PG)	0	2	8	10	15	25	60	40
Total for PG courses	10	79	106	195	232	427	54	46
Overall(UG+PG)	20	193	203	416	507	923	55	45

Member Secretary presented the Panel of Examiners with the statistics of external members who are from distinguished NITs, Autonomous Institutes and mainly from Industries.

Resolution No.5/24: All the honorable members of House appreciated the efforts taken to involve external examiners including industry experts in examination process and unanimously approved the panel of examiners. Also suggested to invite more industry persons for evaluation of PG courses.

Agenda No-6/24: Approval for six months internship of students

Member Secretary presented the internships statistics and members appreciated the efforts taken for getting students internships in reputed companies. He also presented the case of 04 students (03 from Electrical and 01 from Mechanical Engineering) who have received an email from the company (wherein they have completed six months internship) an opportunity to continue their internship in the same Industry based on their good performance.

6/24/a: Prof. Kakde enquired about the course mapping and equivalence so that academic requirement should be fulfilled. Also suggested to ask students to go through Blended MOOCs/NPTEL to comply their elective courses and also asked to do impact analysis of internships.

Director informed the house to share available lectures through Impartus lecture capture in online mode and examinations shall be with regular students.

6/24/b: Prof. Abhyankar suggested to complete their courses through directed studies scheme and also appreciated the scheme.

After in length discussion it was decided to allow the students for internships. However general guidelines to be prepared for future references.

Resolution No.6/24: It was approved that students may be allowed for the six months extension in internships.

Agenda No-7/24: Margdarshan Scheme

AICTE has selected GHRCE to mentor 10 Institutes/Colleges of the region to train their faculties in various aspects.

Resolution No.7/24: All the members of house congratulated the Institute to get this opportunity.

Agenda No-8/24: Absorption of students from non CBCS to CBCS scheme

As Institute has started implementing new scheme from 2018-19 for First Year Engineering students, failure, detained and reregistered students have to absorb for new scheme.

Resolution No.8/24: Member secretary presented the scheme and house has unanimously approved the absorption scheme for non CBCS to CBCS students.

Agenda No-9/24: NAAC Mentoring

NAAC has selected GHRCE to mentor 10 Institutes/Colleges of the region to improve their quality and bring them for minimum score for 2.5 CGPA by the year 2022. Mentoring session were conducted for MKSSS' Cummins College of Engineering for Women and Palloti College of Engineering, Nagpur on 24th September 2018 by Prof. Preeti Bajaj, Director and Chairman of Academic Council.

Resolution No.9/24: All the members of house congratulated the Institute to get this opportunity.

Agenda No-10/24: Summary of Skill workshops completed till date for students in Winter-2018 session.

Institute has imparted 20 unique skills in Winter- 2018 session for students.

Resolution No.10/24: House appreciated imparting various skills and also gave following suggestions. Skills with following suggestions.

- Prof. Kakde and Prof. Abhyankar suggested to train faculties to teach skills to students. Prof. Prasad Krishna suggested to invite alumni for imparting skills.
- Dr. Arya and Prof. Dorle expressed that some alumni had been called for the workshops earlier.
- Prof. Abhyankar said to do negotiation with the industries providing training to allow students at least for screening in all the industries/consortia wherein there software is installed.

Agenda No-11/24: To approve the updated list of electives.

Member secretary presented the updated list of electives which shall be offered for the students in next semester.

Resolution No.11/24:

- Prof. Abhyankar suggested to offer electives as per industry requirements and said that it will be helpful for student's screening and placements. He also suggested to involve industry persons in BOS for designing skill syllabus.
- Director, Prof. Bajaj informed the house that most of the skills are covered as electives offered in all the departments.

House has unanimously approved the updated list of electives to be offer in next semester.

Agenda No.12/24: Status of B.E. to B. Tech & Autonomous Ph. D. status

Director informed the status to the house.

Agenda No-13/24: Any other matter with the permission of Chair

Member secretary presented the achievements of the institutes including innovation awards by students, National level event MEDHA, MoU with IIT, Bombay to establish BETiC center and various training programmes which are being conducted for the faculty members.

Resolution No.13/24: House appreciated and congratulated the Institute for putting efforts to getting awards and rankings.

Prof. Abhyankar suggested to have BEC trainings for faculty members and Director informed that the said training is already ongoing.

Agenda No-1/13/24: To approve Best PG thesis parameters and suggestions

Member secretary presented the parameters for best PG thesis and invited suggestions from the Honorable members.

Resolution No.1/13/24: Parameters were discussed and many suggestions were received from the members

- Prof. Abhyankar suggested that the parameters should be quality of work & not quantity of work and suggested to invite industries to sponsor medals to students under CSR through each company representative who are in BoS.

- Prof. Kakde suggested to put SCI, Scopus, instead of indexed Conferences or Journals.

Agenda No-2/13/24: To approve Closure of Courses

Director informed the house about closure of PG courses namely M. Tech. Electronics Engineering and M. Tech. Power Electronics & Drives, M. Tech. Heat Power Engineering and two Direct Second Year UG courses namely first & second shift of Mechanical Engineering and Electronics & Telecommunication Engineering. Hence requested house to allow for closure of the same courses

Resolution No.2/13/24: House unanimously approved the request for closure of courses.

Agenda No-3/13/24: To review the directions for online examinations. Director informed the house that Controller of Examinations shall prepare the Directions and shall be presented in the next meeting.

Prof. Kakde suggested to appoint one team to frame directions for distance mode and for examinations. It shall also include standard test formats and one general model to be defined and rubrics to be prepared.

Resolution No.3/13/24:

Director has appointed a team of 03 members namely Prof. P. V. Walke, Mrs. A. V. Thomas and Controller of Examinations to prepare the Directions for online, Project Based, Hackathon or activity based assessment.

As there was no other point to discuss, meeting ended with vote of thanks proposed by member secretary.



PROF. S. S. DORLE
Member Secretary


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Action Taken Report on 24th MEETING OF ACADEMIC COUNCIL

Sr. No.	Agenda	Discussion	Action Taken
Agenda No-1/24	Confirmation of minutes of 23 rd Academic Council Meeting.	The minutes of 23 rd meeting of the Academic Council was confirmed by the house.	Uploaded on website
Agenda No.2/24	Action taken report on the minutes of 23 rd Meeting.	Action taken report on 23 rd meeting was unanimously approved by the house.	Uploaded on website
Agenda No.-4/24	To approve new rules and regulations.	New rules and regulations were approved	It is implemented from current session i.e. 2018-19. Uploaded on website.
Agenda No.-5/24	To approve the panel of examiners.	Suggested to invite more industry persons for evaluation of PG courses.	More industry persons added
Agenda No.-6/24	Approval for six months internship of students	<p>Member Secretary presented the internships statistics and members appreciated the efforts taken for getting students internships in reputed companies. He also presented the case of 04 students (03 from Electrical and 01 from Mechanical Engineering) who have received an email from the company (wherein they have completed six months internship) an opportunity to continue their internship in the same Industry based on their good performance.</p> <p>6/24/a: Prof. Kakde enquired about the course mapping and equivalence so that academic requirement should be fulfilled. Also suggested to ask students to go through Blended MOOCs to comply their elective courses and also asked to do impact</p>	01 student from BE Mechanical Engg. has joined the industry and 03 students have withdrawn from the scheme.

		<p>analysis of internships. Director informed the house to share available lectures through Impartus lecture capture in online mode and examinations shall be with regular students.</p> <p>6/24/b: Prof. Abhyankar suggested to complete their courses through directed studies scheme and also appreciated the scheme.</p> <p>After in length discussion it was decided to allow the students for internships. However general guidelines to be prepared for future references.</p> <p>It was approved that student may be allowed for the six months extension in internships.</p>	<p>Concrete policy has been prepared and undertaken for remaining students (Please refer annexure-I) ✓</p>
Agenda No.-7/24	Margdarshan Scheme	AICTE has selected GHRCE to mentor 10 Institutes/Colleges of the region to train their faculties in various aspects.	Faculties have been invited to attend the theory classes and workshops which will be held at GHRCE
Agenda No.-11/24	To approve the updated list of electives.	<ul style="list-style-type: none"> Prof. Abhyankar suggested to offer electives as per industry requirements and said that it will be helpful for student's screening and placements. He also suggested to involve industry persons in BOS for designing skill syllabus. 	<p>Electives are offered as per industry need and shall be implemented in term also. More suggestion to obtain from industry persons in designing syllabus</p>
Agenda No.-1/13/24	To approve Best PG thesis parameters and suggestions	<ul style="list-style-type: none"> Prof. Abhyankar suggested that the parameters should be quality of work & not quantity of work and suggested to invite industries to sponsor medals to students under CSR through each company representative who are in BoS. Prof. Kakde suggested to put SCI, Scopus, instead of indexed Conferences or Journals. 	<p>Policy is revised and shall be implemented. (Please refer annexure-II) ✓</p>
Agenda No.-2/13/24	To approve Closure of Courses	Director informed the house about closure of PG courses namely M. Tech. Electronics Engineering and M. Tech. Power Electronics & Drives, Heat Power Engineering and two Direct Second Year UG	House has approved and it is under process

		courses namely first & second shift of Mechanical Engineering and Electronics & Telecommunication Engineering. Hence requested house to allow for closure of the same courses	
Agenda No.-3/13/24	To review the directions for online examinations	<p>Director informed the house that Controller of Examinations shall prepare the Directions and shall be presented in the next meeting.</p> <p>Dr. Kakde suggested to appoint one team to frame directions for distance mode and for examinations. It shall also include standard test formats and one general model to be defined and rubrics to be prepared.</p> <p>Director has appointed a team of 03 members to prepare the Directions for online, Project Based, Hackathon or activity based assessment.</p>	<p>The team is appointed and directions for the same has been prepared</p> <p>Prof. P. V. Walke, Mrs. A. V. Thomas and Controller of Examinations (Please refer annexure-III)</p> 


PROF. S. S. DORLE
 Member Secretary

Minutes of subcommittee of Academic Council on 24th Feb 2019 at 10.30 AM

GHRCE with representative of the BoG Prof V M Gadare

Members present were

Prof V. M. Gadre – IIT Bombay (Representative of BoG)

Prof Preeti Bajaj -Director GHRCE

Prof Sanjay Dorle –Dean Academics

Prof M M Khanapurkar – Head Electronics & Telecommunication Engineering

Prof R. S. Shelke – Head Mechanical Engineering

Prof Vibha Bora- Head Electronics Engineering

Prof Meenakshi Aarya- Head Computer Science and Engineering

Prof U.N. Shrawankar – Head IT Engineering

Prof Swapnil Kubalkar – I/C Head Electrical Engineering

Prof Prashant Pawade- Head Civil Engineering

The Dean Academics welcomed all and presented preamble of the meeting. All Heads made a presentation of the Dual Major for their respective Schemes of Dual Major and the following has been resolved for implementation of the Dual Major Scheme at GHRCE.

1. The 'Dual Major' nomenclature is clashing with Major/ Minor in CBCS so the term 'Major/ Minor' shall be replaced with 'Honors /Minor' in the rules and regulations. This shall have to be intimated to all concerned and also to the university, in time for the award of the same, in place of the previous document in that regard.


2. The hierarchy of certification from the lowest to highest shall be Additional learning
(Audit/ Credit)
Honors/ Minor
Major
Degree
3. Fees for 5th year (9th and 10th Term) shall be as per fees for that batch from their first year. The students under scholarship also have to pay full fees as open category students for the fifth year.
4. Honors and Minor is to be allowed within 4 years of graduation.
5. Candidates willing to opt for the Dual Major may do so at the beginning of the 3rd term and this option is to be closed after the 4th term under normal circumstances. The applications are to be routed by respective faculty advisors through the Heads of the Department, to Dean Academics. Even after that, if some application comes, then it should be accepted with the approval of the Director.
6. All Heads agreed and verified that they have ensured that no core subjects are omitted while considering the Dual Major. The prerequisite issues have been considered in all schemes, if any.
7. The possibility of having a Dual Major as a part time programme and a Dual Major concurrent with the original Major is always there and recommended for consideration in the long run. However since this is a new system, so presently it is proposed to implement the scheme only with an additional one-year.
8. The Committee comprising of Dean Academics and Heads of both the Departments, Controller of examinations and faculty advisor as ex officio shall decide the final subject and scrutinize the applications to finalize, display and convey the names of the shortlisted candidates and shall handle issues, if any, during commencement of the scheme.
9. It is proposed to prepare a superset of all the additional offerings in the fifth year for each branch, to define the Major of that Branch. Certain subjects should be mandatory


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and some have to be optional. It is proposed to augment the Superset with additional Minor subjects, with the possibility to opt for Minor and Dual Major in the same discipline.

10. No prerequisite required for entry level to enroll for Dual Major.
11. Withdrawal from the Dual major scheme after the final year is allowed. And in case withdrawal is in between the 9th /10th term, then the student shall be given a certificate of additional learning.
12. Candidates selected for the Dual Major scheme will be required to complete / earn the credit requirements of equivalences and non-equivalences and acquire 5.25 as minimum CGPA to complete the Dual Major, considering all subjects of all five year terms, as defined by the academic committee and 5.25 as minimum for first Major, up to the point of its award. In case the student is unable to complete 5.25 CGPA for first Major until the end of the fourth year or later as applicable, S/he can continue for Dual Major and simultaneously enroll for additional subjects towards improvement, to get the first Major. His Dual Major shall be on hold (withheld) until he completes fulfillment of first Major.
13. The proposed Scheme of Dual Major shall be implemented from 2019-20 5th term students (2017-18 admission batch)
14. From the 5th year, there shall be two advisors to such students; one from the parent department and the other from the department wherein he/she wishes to get the Dual Major.
15. In future, the scheme can be extended to the students of other institutions under RTMNU, after the first batch of Dual Major gets completed i.e. 2022.
16. The examination fees shall be as applicable for that particular year, as notified by concerned authorities.
17. The promotion rules applicable to such candidates shall be as for the other students in case of CBCS.


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18. The parent department will prepare the documents clearly, identifying the equivalences

		Table A				
		Departments Opted for Dual Major				
		(No. of Non Equivalent / Additional Credits Required to be Earned / No. of Terms Required)				
Parent Department		CSE/IT	ETC / ETRX	MECH	ELECT	CIVIL
	CSE/IT		37/2	51/2	39/2	52.5 / 2
	ETC / ETRX	33/2		43/2	33/2	45.5/2
	MECH	45/2	39/2		45/2	36.5/2
	ELECT	33/2	23/2	37.5/2		41.5 / 2
	CIVIL	46/2	47/2	36.5/2	51/2	

and non-equivalences in the form of courses and credits and shall update the same time to time as and when required.

The Following table ' A ' is a summary of overarching credit and non-equivalences.

19. On the completion of corresponding courses and earning credits thereof and after acquiring minimum 5.25 CGPA, the candidate will be declared eligible for getting the Dual Major in the appropriate discipline.
20. If any unforeseen issues come up with regard to the Dual Major, then this subcommittee of the Academic council is empowered to handle the same with ex officio members as in this meeting. The Chairperson of the Academic Council is empowered to take final decision in this regard. In particular some issues are envisaged with respect to students completing credit requirements for the first Major after three and half years. This shall be ratified by the academic council on case-to-case basis.
21. The additional Major shall not be construed as an additional Degree in that Subject. However it allows the student certain benefits, particularly those related to career or placements.

[Handwritten Signature]
24.2.2019

[Handwritten Signature]
Dean Academics

G.H. RAISONI COLLEGE OF ENGINEERING

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CRPF Gate No.3, Digdoh Hills, Hingna Road, Nagpur-16.

MINUTES OF 23RD MEETING OF ACADEMIC COUNCIL

The 23rd meeting of Academic Council of G.H. Raisoni College of Engineering was held on 16/06/2018 at 09.30 am in the Conference Hall of the College. Dr. Preeti Bajaj, Chairperson presided over the meeting.

The following members were present in the meeting:

SN	Name	Designation at Academic Council / Academic Board
1.	Dr. Preeti Bajaj	Chairman
2.	Dr. B. B. Ahuja	Member, Educationist Expert
3.	Dr. Prasad Krishna	Member, Educationist Expert
4.	Dr. V.A. Mhaisalkar	Member, Educationist Expert
5.	Dr. N. C. Shivaprakash	Member, Educationist Expert
6.	Dr. S.B. Jaju	All Deans and Heads
7.	Dr. S S Dorle	
8.	Dr. S.D. Giripunje	
9.	Dr. B. P. Butey	
10.	Dr. P.Y. Pawade	
11.	Dr. R S Shelke	
12.	Dr.M.M.Khanapurkar	
13.	Dr. V R Bora	
14.	Dr. P.M. Daigavane	
15.	Dr. Meenakshi Arya	
16.	Dr. U N Shrawankar	
17.	Dr. D.V. Padole	
18.	Dr. V.K. Chandrakar	
19.	Mr. P. J. Wadhai	
20.	Mrs. Swati Dixit	
21.	Mr. K K Jajulwar	
22.	Dr. P V Walke	Professor, Member (Invited)
23.	Dr. A K Mahalle	
24.	Dr. O K Chaudhari	
25.	Mr. S S Wankhede	
26.	Dr. Manoj Shanti	
27.	Dr. D. V. Padole	
28.	Dr. P.B. Nagarnaik	Member Secretary nominated by Director

Dr. P. B. Nagarnaik, Member Secretary welcomed all the honorable members and with permission of Chairman, presented the various points as per agenda. He also introduced all new members to the house.

Agenda No-1/23: Confirmation of minutes of 22nd Academic Council Meeting.

Resolution No.1/23: The minutes of 22nd meeting of the Academic Council was confirmed by the house.

Main Points were:

1. Minutes of 21st Academic Council Meeting
2. Action taken report of 21st Academic Council Meeting

3. Minutes of Board of Studies

Agenda No-2/23: Action taken report on the minutes of 22nd Meeting.

Dr. P.B. Nagarnaik, Member Secretary presented the action taken report of the same.

Resolution No.2/23: Action taken report on 22nd meeting was approved by the house with following changes in the scheme proposed from 2018-19 session.

First year Scheme:-

- a. Courses having 3/4 and above credits shall have 3 hrs End Semester Examination. & for 1/2 credits courses, there shall be 2 hrs End Semester Examination.
- b. For first year scheme of Mechanical Engineering, credits of "Engineering Graphics" course have changed as below.

Course	L	T	P	Total	Credits
Engineering Graphics	-	-	2	2	1

- c. For first year scheme of Mechanical Engineering, "Engineering Mechanics" course to be introduced as below:

Course	L	T	P	Total	Credits
Engineering Mechanics	1	-	2	1	2

- d. To include footnote in the scheme mentioning phase-I, phase-II for elaborating execution pattern of the scheme.
- e. Laboratory courses evaluation process should be internal & continuous evaluation atleast for 50% of Engineering Courses.

Agenda No-3/23: Minutes of Board of Studies Meeting of various departments.

New schemes of the departments were discussed and following are the observations

1. Uniqueness in course title have to maintained.
2. Strength of Material shall be covered before Kinematics of Machines for Mechanical Engineering.
3. "Drives" course in Electrical Engineering should be named as "Power Drives".
4. Conventional Energy Sources should be taught in earlier semester of Electrical Engineering.

Resolution No.3/23: The House approved the schemes of various programmes after above considerations.

Agenda No-4/23: List of Graduands & Statistics

Controller of Examinations presented the result analysis, statistics of Graduands for both UG, PG under autonomy and RTMNU and presented summary and List of Gold, Silver, Medalist and toppers from each section. Also Achievers Award Criteria and Best PG Thesis criteria and name of awardees. He requested the house that all students who are getting clear in the vacation examination / lower semester exam scheduled next week should also be

included in the list of graduates as vacation examination shall be over before graduation Day ceremony.

Resolution No.4/23: House unanimously approved the list of Graduands for 1117 UG students plus 21 (Vacation 2018) plus 33 previous session students a plus 1 RTMNU student making total of 1172 UG students and 153 PG students plus 10 PG students of previous session making total of 163 PG students and also the list of Medalist and award winners. Total 1335 graduates plus all those students who shall clear in vacation/ Summer term 2018 examination to be eligible for award of degree.

Agenda No-5/23: List of new BOS members

Member Secretary presented the list of new BOS members for all Board of Studies for the session 2018-21.

Resolution No.5/23: House unanimously approved the list of new BOS members for all Board of Studies for the session 2018-21.

Agenda No-6/23: Points for Information:

Chairperson of subcommittee presented following activities/ achievements of the Institute

1. Internal Evaluation Report
2. External Audit
3. Skill sets for students
4. India Today-MDRA ranking

Agenda No-7/23: Any other matter with the permission of Chair

- Chairperson requested the house replacing nomenclature of grades in transcripts from session 2018-19.

Resolution No.7/23: House unanimously approved the nomenclature of letter grades as below from 208-19 batch.

Grade	Grade Point	Nomenclature
AA	10	Outstanding
AB	9	Excellent
BB	8	Very Good
BC	7	Good
CC	6	Satisfactory
CD	5	Average
DD	4	Marginal
FF	-	Fail

As there was no other point to discuss, meeting ended with vote of thanks proposed by Dr. S. S. Dorle.



Dr. P. B. Nagarnaik
Member Secretary

G.H. RAISONI COLLEGE OF ENGINEERING

[An Autonomous Institute Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur]
CRPF Gate No.3, Digdoh Hills, Hingna Road, Nagpur-16.

MINUTES OF 22ND MEETING OF ACADEMIC COUNCIL (JOINT MEETING OF ACADEMIC COUNCIL AND BOARD OF STUDIES)

The 22nd meeting of Academic Council of G.H. Raison College of Engineering was held on 27/01/2018 at 09.30 am in the Conference Hall of the College. Dr. P.R. Bajaj, Chairperson presided over the meeting.

The following members were present in the meeting:

SN	Name	Designation at Academic Council / Academic Board
1.	Dr. Preeti Bajaj	Chairman
2.	Dr. B. B. Ahuja	Member, Educationist Expert
3.	Dr. Prasad Krishna	Member, Educationist Expert
4.	Dr. V.A. Mhaisalkar	Member, Educationist Expert
5.	Dr. N. C. Shivaprakash	Member, Educationist Expert
6.	Dr. S.B. Jaju	All Deans and Heads
7.	Dr. S.D. Giripunje	
8.	Dr. A.K. Mahalle	
9.	Dr. B. P. Butey	
10.	Mr. K. D. Joshi	
11.	Dr. P.Y. Pawade	
12.	Dr. P.V. Walke	
13.	Dr.M.M.Khanapurkar	
14.	Dr. S. S. Dorle	
15.	Dr. P.M. Daigavane	
16.	Ms. A. Thomas	
17.	Ms. T. Khan	
18.	Dr. K.S. Mukharjee	
19.	Ms. N.A. Chavan	
20.	Dr. U.N. Shrawankar	
21.	Dr. D.V. Padole	Professor, Member (Invited)
22.	Dr. V.K. Chandrakar	
23.	Mr. P. J. Wadhai	Member Secretary nominated by Director
24.	Dr. R.S. Shelke	
25.	Dr. V M Kriplani	
26.	Dr. S.G. Tarnekar	
27.	Dr. B V Khode	
28.	Dr. P.B. Nagarnaik	
29.	Dr. B.V.Khode	
30.	Dr. O.R. Jaiswal	
31.	Er. M. Kawalkar	
32.	Mr. S. S. Sanghai	
33.	Dr. M. Daigavhane	
34.	Dr. S.G.Tarnekar	
35.	Prof. H.S.Dalvi	
36.	Dr. R.N.Awale	
37.	Mr. Shirish Ranade	
38.	Mr. S. S. Dudhe	
39.	Mr. Sinam Lelin Singh	
40.	Ms. Nidhi Sharma	
41.	Dr. V.M.Kriplani	
42.	Dr. A.M.Kuthe	
43.	Mr. N. P. Awate	

44.	Mr. Narayan Kabra	Invited Alumni BoS, Mechanical Engg.
45.	Mr. Kapil Amesar	Invited Alumni BoS, Mechanical Engg.
46.	Prof. S.U. Nimbhorkar	Member BoS, Computer Science & Engg.
47.	Dr. P.S. Deshpande	University Nominee BoS, Computer Science & Engg.
48.	Dr. Bhaskaran Raman	Subject Experts BoS, Computer Science & Engg.
49.	Ms. Sonal Modi	Industry Expert BoS, Computer Science & Engg.
50.	Mr. Chintak Sutharia	Industry Expert BoS, Computer Science & Engg.
51.	Mrs. V. A. Gulhane	Invited Member BoS, Computer Science & Engg.
52.	Dr. Dipti Shrimankar	Alumni Member BoS, Computer Science & Engg.
53.	Mr. Shrikant Ardhapurkar	Invited Alumni BoS, Computer Science & Engg.
54.	Dr. K. Hari	Subject Expert BoS, Electronics & Tel. and Electronics Engg.
55.	Dr. A. N. Rajagopalan	Subject Expert BoS, Electronics & Tel. and Electronics Engg.
56.	Mr. Ashish Poogalia	Subject Expert BoS, Electronics & Tel. and Electronics Engg.
57.	Dr. V. Bora	Invited Member BoS, Electronics Engg.
58.	Mr. S. S. Wankhede	Invited Member BoS, Electronics Engg.
59.	Mr. Amol Deshkar	Invited Alumni BoS, Information Technology
60.	Dr. O. K. Chaudhari	Member BoS, B. E. First Year
61.	Dr. G. P. Singh	Subject Expert BoS, B. E. First Year
62.	Dr. R. R. Shrivastav	Invited Member BoS, B. E. First Year

Dr. Yagyadutt Arya, Mr. Arvind Kumar, Mr. Sanjay Nibandhe, Mr. K. Jajulwar and Dr. S.S. Salankar were sanctioned leave of absence.

Dr. P. B. Nagarnaik, Member Secretary welcomed all the honorable members and with permission of Chairman, presented the various points as per agenda.

Agenda No-1/22: Confirmation of minutes of 21st Academic Council Meeting.

Resolution No.1/22: The minutes of 21st meeting of the Academic Council was confirmed by the house by circulation

Main Points were:

1. Minutes of 20th Academic Council Meeting
2. Action taken report of 20th Academic Council Meeting
3. Minutes of Board of Studies
4. Panel of Examiners for session 2017-18.
5. Absorption from Non CBCS to CBCS
6. Revamping of UG and PG scheme

Agenda No-2/22: Action taken report on the minutes of 21st Meeting.

Dr. P.B. Nagarnaik, Member Secretary presented the action taken report of the same.

Resolution No.2/22: Action taken report on 21st meeting was approved by the house.

Main points were

1. Proposed scheme is prepared and will be presented in today's meeting
2. Absorption scheme uploaded on website and circulated
3. Due to technical issues Swayam courses replaced with Bodhi Tree. Details are as below

Dept	Courses	Faculties
CSE	Python (LAB- 4 th sem & 6 th Sem)	Prof. A.K.Khan, Prof. P.Saraf, Prof. A.Thomas, Prof. N.Purohit
	Design and Analysis of Algorithm (LAB-6 th Sem)	Prof. P.K.Ingole, Prof. A.R.Raut, Prof. D.Theng, Prof. P.Borikar, Prof. ShilpaGajbhiye, Prof. S.U.Nimbhorkar, Prof. S.J.Moon
IT	Design and Analysis of Algorithm (LAB-6 th Sem)	Prof. K. K. Wankhede
ETC	Computer Architecture & Organization (Th-4 th sem)	Prof. P.K.Ingole, Prof. P.Borikar, Prof. A.K.Khan, Prof. Shweta Bondre
	Computer Networks (Th-4 th sem)	Prof. S.P.Sahu, Prof. Prajakta Kanase
	Python (LAB-4 th &6 th sem)	Prof. A.P.Dongre, Prof. K.A. Kalbande
ETRX	Computer Architecture & Organization (Th-4 th sem)	Prof. S.J.Moon, Prof. S. P. Gawate
	Python (LAB-4 th &6 th sem)	Prof. N.Wyawahare, Prof. WaniV.Patil
EE	Computer Programming (LAB-4 th sem)	Prof. S. Gajbhiye, Prof. Sarika Bongade

Agenda No-3/22: Common Meeting with all Board of Studies for approval of new scheme of UG for four years from session 2018-19

Director, Dr. Preeti Bajaj presented the existing scheme and some important required in the same. Invited suggestion from all the members of Academic Council and Board of Studies about their views and expectations for scheme to be implemented from 2018-19.

- DR. G. P. Singh-Mathematics to be common to all First year branches.
- Dr. P. S. Deshpande-Sensor technologies, 2-3 flavors of programming at first year, algorithms, data structures, social skills, entrepreneurship, physical activities are required to be included..
- Dr. Ahuja- Vision for graduate of 2022. Basic Engg subjects shall be there for all branches.
- Dr. A.N. Rajagopalan-CFI (Centre for innovation), Interdisciplinary approach, Core companies, Encourage for Higher studies, Common course in beginning and then sample and then decide the course at least within the department.
- Mr. Chintak Sutariya—Algorithms, Data Structures , C , OOPS in First Year. 3rd year onwards tools and technologies
- Mr. Lenin Singh-Communication and all aspects of MCQ questions at First Year level
- Nidhi Sharma- Digital technology, Digital Marketing, Block Chain
- Ms. Sonal Modi-AI & Automation, Block chain, Cyber Security and Davopa, Digital Technologies awareness
- Dr. O. R. Jaiswal- Degasification of students, Mandatory audit for Physical education, focus on fundamentals
- Mr. Ashish Poogalia-Focus on Creativity and Innovation, More automation likely in IT & Core
- Dr. Mhaisalkar- Environmental Science should be there as per the order of Supreme court.

- Dr. N. C. Shivaprakash- Compartmentisation of departments to go away, Physics, Chemistry, Biology separate courses not to be there. It should basic Sciences or Engineering Science. Integrated course, every department should get Mathematics, science, course as per need of the branch.
- Dr. Prasad Krishna- Define outcomes, outcome based education curriculum. Percentage of components, Centre of Innovation, Activity based learning, design & manufacturing course with practical exposure. Liberal arts. Environmental Studies course. Engineers to be adaptable and solve problems, attitude is important.
- Dr. K. V. S. Hari- Engineers who can solve problems, focus on design, pose a open problem, Interdisciplinary teams to solve industry problems. Ability to learn new tools. What is relevant should be found, course to be flexible. More choice to students, let students to sample in first year and then to pursue interest. Faculty to be solver provides solutions to industry, Project Management.
- Dr. Awale-Basic science is repeated in first year, delivery mechanism to be innovative.
- Prof. Kuthe-Developed economies focus on product oriented industry, Patenting, IPR, innovation to be exposed to First Year students. Spirit of Entrepreneurship to be given more credits(2). Need of customers to be identified by students and then develop products. Faculty upgradation is essential.
- Mr. Ranade-Safety to be taught across all branches and part of First Year, For manufacturing sector cost of safety is high, Interdisciplinary projects credits.
- Dr. Bhaskaran Raman- Posing a worthy problem is a problem, Context of problems to be relevant to Indian context. Training students and faculty upgradation to identify relevant problems
- Dr. Kuthe- Product Developments, patents, IPR, Spirit of Entrepreneurship should be given more credits (2).
- Mr. Amol Deokar, IT Alumnus-Swap option in second year. Curriculum Vitae awareness from First year
- Dr. Dipti Shrimankar- Faculty is the only channel so faculty to be involved in curriculum framing.
- Materials to be added in all branches , syllabus may be branch relevant

After listening the discussions from all members in the house director presented the proposed scheme which is prepared after several brainstorming sessions with faculty of GHRCE.

Name of the Course	Teaching Scheme				Credits	Evaluation Scheme					
	Th.	Tu	Pr.	Total		Theory			Practical		Total
						TAE	CAE	ESE	Int.	Ext.	
Maths-1-Matrices	1	1	-	2	2	10	10	30	-	-	50
Maths-2 (Differential & Vector Calculus)	1	1	-	2	2	10	10	30	-	-	50
Basic of Computing	1	0	4	5	3	10	10	30		50	100
Liberal Arts/Creative Arts	-	-	1	1	0.5	-	-	-	25	-	25
Comm. Skills	2	-	2	4	3	10	10	30	25	25	100
Basic Electrical	1	-	2	3	2	10	10	30	25	25	100
Electromagnetic Circuits	2	-	-	2	2	10	10	30			50
Internet of Things	1	-		1	1	10	10	30	-	-	50
Digital System Design	1	1	2	4	3	10	10	30	25	25	100

Ethics & Professional Competency	-	-	2	2	1	25	-	-	-	-	25
Energy Sources and Audit	1	-	-	1	1	25	-	-	-	-	25
Foreign Language	-	-	2	2	1	-	-	-	25	25	50
Essence of Indian Traditional Knowledge	1	-	-	1	1	25	-	-	-	-	25
TOTAL	10	3	17	30	21.5	145	70	210	125	150	750

Name of the Course	Teaching Scheme				Credits	Evaluation Scheme					Total
	Th.	Tu	Pr.	Total		Theory			Practical		
						TAE	CAE	ESE	Int.	Ext.	
Maths-3 (Integral calculus & multiple calculus)	1	1	0	2	2	10	10	30	-	-	50
Maths-4 (Differential E & PDE)	1	-	-	1	1	10	10	30	-	-	50
Applied Physics	1	1	2	4	3	10	10	30	25	25	100
Digital Fabrication	-	-	4	4	2	-	-	-	25	25	50
Workshop & Mini-Model	-	-	4	4	2	-	-	-	25	25	50
Bio Systems in Engineering	1	1	-	2	2	10	10	30	-	-	50
Indian Constitution E-Governance	-	-	1	1	0.5	-	-	-	25	-	25
Data Analytics	-	-	2	2	1	-	-	-	25	-	25
Engg. Mechanics/ Engg. Graphics/Analog Circuits	1	1	2	4	3	10	10	30	50	-	100
Entrepreneurship	1	-	-	1	1	25	-	-	-	-	25
Embedded programming	-	-	2	2	1	-	-	-	25	-	25
Data Structures	-	-	4	4	2	-	-	-	50	50	50
TOTAL	8	4	19	31	21.5	85	60	180	250	125	600

Resolution No.3/22: The scheme was approved after incorporating following changes.

- Energy –course to be changed to future Energy and to be offered through MOOCS and assessment tool to be derived (0.5)
- Essence of Indian Traditional Knowledge to be offered through MOOCS/Workshops/self study and assessment tool to be derived (0.5)
- Basics of Electrical to be renamed as –AC DC circuits and
- EM Circuits as AC DC Machines
- Product Development and IPR to be changed as Product Design and Development
- Sensors & Actuators -02 Credits to be introduced
- IOT shall be taught through case study
- Digital System Design to be named as Introduction to Digital System
- Spirit of Entrepreneurship- change as Entrepreneurship
- Workshop & Mini Model shall be named as Innovation & Creativity- IPR to be covered (2 hrs.pr)
- MOOCS – 05 Credits (04 courses of 1 credit each and 2 courses of 0.5 credits)
Basket of MOOCS courses in Swayam/Industry shall be provided.

Agenda No-4/22: Approval of Minutes of Board of Studies

Minutes were presented by respective Chairman Board of Studies. Major points discussed are:

- Electronics and Telecommunication Engineering- Dr. M. M. Khanapurkar -Sequencing few of courses, changing nomenclature for few courses, topics in syllabus to be ready

- Civil Engineering- Dr. P. Y. Pawade- Some changes in marking. Engineering Mechanics enhances the capacity of students for solving problems and applications which are require for all branches.
- Electrical Engineering-Dr. P. M. Daigawane- Basic Electrical Engineering should be in first semester and practical should be added in second semester with Electromagnetic Circuits.
- Computer Science and Engineering- Mrs. A. Thomas-Internet of Things should be practical based. Fundamentals of Data Analytics, Data Acquisition and Data Interpretation and SQS to be added.
- Mechanical – Dr. S. B. Jaju-Fluid Mechanics in third semester and Mechanics of Material in fourth semester. Computer Programming to be added in fourth semester as skilled workshop. One more subject to be added for Material Science.

Resolution No.2/22: Minutes of Board of Studies of respective departments were approved.

Agenda No-5/22: Approval of Panel of Examiners for session 2017-18.

Statistics of Internal and external component was presented. Involvement of Industry experts in evaluation was appreciated. Please refer Annexure-I

Resolution No.5/22: Panel of Examiners for session 2017-18 is approved

Agenda No-6/22: Points for Information:

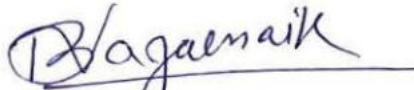
Director Presented the activities conducted in the campus in the last semester.

- Workshop on "Product Development" 18-20th Jan 2018
- Film Appreciation Course (GP III- Hobby Module- 40hours) 26-30 Dec-2017
- AICTE-CII Survey 2017- Institute got Platinum category, one amongst 130 institutes at National level and 17 in Maharashtra
- Institute is awarded with Special Jury Award for "Road Safety Product and Solution" by FICCI
- Student got 1st Prize in i-Safe India Competition.
- First Prize in AVISHKAR-17 in faculty category. Faculty of Computer Science department Mr. Prashant Borkar won the award.
- Workshop on Digital Technology by Adobe for 37 faculty during 27-30 Nov 2017.
- Courses run by industry: Digital Technology bt Adobe, Display technology by Twinstar, Enterprise Storage Technologies by NETTAPP.
- Six number of industry driven workshops for students.
- Peer teaching: Senior students teaching to Junior classes about 10-15 periods.
- Students have done one semester at IIT Gandhinagar, COE, Pune and VJTI Mumbai under Credit Transfer Scheme

Resolution No.6/22: House appreciated the efforts taken by the institute and applauded for Platinum category in AICTE-CII survey and A+ grade in NAAC.

Agenda No-7/22: Any other point with the permission of Chairperson.

As there was no other point to discuss, meeting ended with vote of thanks proposed by Dr. P.B. Nagarnaik.


Dr. P. B. Nagarnaik
Member Secretary

G.H. RAISONI COLLEGE OF ENGINEERING

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MINUTES OF 21ST MEETING OF ACADEMIC COUNCIL

The 21st meeting of Academic Council of G.H. Raison College of Engineering was held on 08/09/2017 at 09.00 am in the Conference Hall of the College. Dr. P.R. Bajaj, its Chairperson presided over the meeting.

The following members were present in the meeting:

Sr. No.	Name	Designation at Academic Council / Academic Board
1.	Dr. P.R. Bajaj	Chairman
2.	Dr. Prasad Krishana	Member, Educationist Expert
3.	Dr. V.A. Mhaisalkar	Member, Educationist Expert
4.	Dr. N. C. Shivaprakash	Member, Educationist Expert
5.	Dr. M.D. Choudhary	University Nominee
6.	Dr. K.D. Kulat	
7.	Dr. S.B. Jaju	All Deans and Heads
8.	Dr. S.D. Giripunje	
9.	Dr. S.S. Salankar	
10.	Dr. A.K. Mahalle	
11.	Mr. K. D. Joshi	
12.	Prof. N.A. Chavan	
13.	Dr. P.Y. Pawade	
14.	Dr. P.V. Walke	
15.	Dr.M.M.Khanapurkar	
16.	Dr. S. S. Dorle	
17.	Dr. P.M. Daigavane	
18.	Dr. K.S. Mukharjee	
19.	Dr. B. P. Butey	
20.	Dr. V.K. Chandrakar	Teacher Members
21.	Mr. P. J. Wadhai	
22.	Dr. R.S. Shelke	
23.	Mr. K. Jajulwar	
24.	Awaited	State Government Nominee
25.		Professor, Member
26.	Dr. S.G. Tarnekar	
27.	Ms. Pragati Pathak	Student Member
28.	Mr. Prasanjeet Roy	
29.	Dr. P.B. Nagarnaik	Member Secretary nominated by Director

Dr. P. B. Nagarnaik, Member Secretary welcomed all the honorable members and with permission of Chairman, presented the various points as per agenda.

AGENDA NO-1/21:

Confirmation of minutes of 20th Academic Council Meeting.

Resolution No.1/21:

The minutes of 20th meeting of the Academic Council was confirmed by the house by circulation

Main Points were:

- Approval of Minutes of Board of Studies
- Approval of Panel of Examiners for session 2017-18.
- Absorption from Non CBCS to CBCS
- Information of Swayam courses

AGENDA NO-2/21:

Action taken report on the minutes of 20th Meeting.

Dr. P.B. Nagarnaik, Member Secretary presented the action taken report of the same.

Resolution No.2/21:

Action taken report on 20th meeting was approved by the house.

Main points were

- Award of Graduation Certificates
- Information of Swayam courses

AGENDA NO-3/21:

Discussion on Revamping of overall scheme of UG and PG

Following pointed discussed

1. Fractional Credits to be given to audit courses based on number of contact hours
2. Total credits for UG may be 160 and should not exceed 170 and for PG between 60-64.
3. No course shall have 4 credits, ideally 3 credit course.
4. A Common BoS meeting of all departments to be scheduled and prepare common structure for UG and PG Scheme..
5. In addition to branch specific workshops for first year, a hobby workshop shall be provided for all branches all semester students.
6. Product design course to be introduced in first/second semester.
7. Physics / Chemistry / Bio subject may be converted in Engineering science course.
8. Environmental science course with fractional credits may be at first year.
9. Mathematics courses to be distributed in all semester. I & II semester 2+2 credits and from II year branch specific syllabus.

8. Environmental science course with fractional credits may be at first year.
9. Mathematics courses to be distributed in all semester. I & II semester 2+2 credits and from II year branch specific syllabus.
10. Review of syllabus to be done on the basis of Top ranking universities.
11. Each Internal member of council should study one foreign university scheme (first thirty ranking) and one upcoming Indian University

AGENDA NO-4/21:

Approval of Minutes of Board of Studies

Minutes were presented by Chairman Board of Studies and also presented the changes made in delivery method based on outcome based education. More focus on project based learning which was loudly appreciated by house.

Resolution No.2/21:

Minutes of Board of Studies of respective departments were approved.

AGENDA NO-5/21:

Approval of Panel of Examiners for session 2017-18.

Statistics of Internal and external component was presented. Involvement of Industry experts in evaluation was appreciated. Please refer Annexure-I

Resolution No.5/21:

Panel of Examiners for session 2017-18 is approved

AGENDA NO-6/21:

Absorption from Non CBCS to CBCS

Resolution No.6/21:

As scheme is not changed subject to subject equivalence shall be given and students shall be absorbed in CBCS scheme.

AGENDA NO-7/21:

Information of Swayam courses

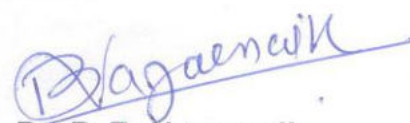
Resolution No.7/21:

The information regarding Swayam courses were discussed and presented. It is suggested that Swayam courses to be run for open elective courses only. Please refer Annexure-II.

AGENDA NO-7/21:

Any other point with the permission of Chairperson.

As there was no other point to discuss, meeting ended with vote of thanks proposed by Dr. P.B. Nagarnaik.



Dr. P. B. Nagarnaik
Member Secretary

Annexure-I

Summary for Panel of Examiners (Winter 2017-18)

B.o.S/ Department	External Paper Setter Panel					Internal Paper Setter	Total no of paper setter	Internal paper setter %	External paper setter %
	IIT	NIT	Autonomous College	Other College	Total External	Total Internal			
Civil UG		11	21	30	62	66	128	52	48
CSE(UG)		3	41	2	46	67	113	59	41
ELE (UG)		0	11	13	24	32	56	57	43
ETRX/ETC (UG)		2	18	31	51	70	121	58	42
IT		7	29	6	42	61	103	59	41
MECH (UG)		0	22	11	33	46	79	58	42
First Year		1	16	6	23	35	58	60	40
MBA(UG)		0	0	12	12	12	24	50	50
Total for UG courses		24	158	111	293	389	682	57	43
CIVIL (PG)		6	15	23	44	64	108	59	41
CSE (PG)		2	11	1	14	18	32	56	44
ETC/ETRX (PG)		0	6	3	9	10	19	53	47
ELE (PG)		2	10	21	33	49	82	60	40
MECH (PG)		1	26	13	40	54	94	57	43
MBA(PG)		0	7	23	30	28	58	48	52
MCA(PG)		0	10	20	30	45	75	60	40
Total for PG courses		11	85	104	200	268	468	57	43
Overall (UG+PG)		35	243	215	493	657	1150	57	43

Dy. Director & Dean Academics

Annexure-II
SWAYAM Courses offered at GHRCE

S. No.	Discipline	Course Name	Semester
1	CSE	Computer architecture and organization	IT-III, CSE-III, ETC/ETRX-IV
2	CSE	Introduction to internet of things	CSE/IT/ETC/ETRX-III
3	CSE	Cloud computing	CSE-VII
4	CSE	Programming in C++	IT-III, CSE-III
5	CSE	Object oriented analysis and design	MCA-III
6	CSE	Data Structure And File Processing	CSE/IT/ETC/ETRX-III/IV
7	CSE	Introduction to operating systems	IT/CSE-V
8	CSE	Ai: search methods for problem solving	IT-VI, CSE-VII
9	CSE	Software testing	MCA V
10	CSE	Fundamentals of Database Systems	IT/CSE-V
11	CSE	Introduction To Cryptology	IT-VI, CSE-VII
12	EE/ ETRX/ ETC	Controls engineering	ETRX-V, ETC-VI, EE-V
13	EE/ ETRX/ ETC	Basic electrical circuits	FY
14	EE/ ETRX/ ETC	Networks and systems	ETRX-IV, ETC-III, EE-III
15	EE/ ETRX/ ETC	Microwave integrated circuits	ETRX-VI ETC-VII
16	EE/ ETRX/ ETC	Applied Electromagnetics for Engineers	ETRX,ETC -IV,EE-III
17	EE/ ETRX/ ETC	Estimation for Wireless Comm.- MIMO/OFDM Cellular and Sensor Networks	ETRX,ETC-VII
18	EE/ ETRX/ ETC	Enclosure design of electronics equipment	ETRX-V
19	EE/ ETRX/ ETC	Power system analysis	ETC-IV, EE-V
20	EE/ ETRX/ ETC	Electrical machines - i	EE-III
21	EE/ ETRX/ ETC	Analog communication	ETRX-IV ETC-III
22	EE/ ETRX/ ETC	Modern digital communication techniques	ETC-V
23	EE/ ETRX/ ETC	Satellite communication	ETC-VII
24	ME	Fundamentals of manufacturing processes	V
25	ME	Fluid dynamics and turbomachines	MTECH III, HPE
26	ME	Manufacturing of Composites	III
27	ME	Nature and Properties of Materials	III
28	ME	Manufacturing Systems and Sustainability: An Applied Approach	V
29	ME	Manufacturing System Technology Part 1 & 2 (Match with MP-I and II)	V
30	ME	Laws of thermodynamics	III
31	ME	Energy conservation and waste heat recovery	V
32	CE	Project planning and control	CE-VII
33	CE	Geotechnical engineering laboratory	CE-III
34	CE	Integrated Waste Management for a Smart City	MTECH (ENV-I)
35	CE	Strength of materials	CE-III
36	CE	Design of reinforced concrete structures	CE-V
37	CE	Reinforced Concrete Road Bridges	MTECH (TRE-I)
38	CE	Digital Image Processing of Remote Sensing Data	MTECH (TRE-III)
39	CE	Geoenvironmental Engineering	MTECH (ENV-III)
40	Physics	Solid state physics	FY-I/II
41	Iyr	Communication Skills	FY-I/II
42	Management	Patent Law for Engineers and Scientists	(Open Elective)

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MINUTES OF 20TH MEETING OF ACADEMIC COUNCIL

The 20th meeting of Academic Council of G.H. Raison College of Engineering was held on 30/06/2017 at 09.00 am in the Conference Hall of the College. Dr. P.R. Bajaj, its Chairperson presided over the meeting.

The following members were present in the meeting:

Sr. No.	Name	Designation at Academic Council / Academic Board
1.	Dr. P.R. Bajaj	Chairman
2.	Dr. B.B. Ahuja	Member, Educationist Expert
3.	Dr. V.A. Mhaisalkar	Member, Educationist Expert
4.	Dr. N. C. Shivaprakash	Member, Educationist Expert
5.	Dr. M.D. Choudhary	University Nominee
6.	Dr. K.D. Kulat	
7.	Dr. N.K. Choudhary	
8.	Dr. S.B. Jaju	All Deans and Heads
9.	Dr. U.S. Wankhede	
10.	Dr. S.D. Giripunje	
11.	Dr. S.S. Salankar	
12.	Dr. A.K. Mahalle	
13.	Mr. K. D. Joshi	
14.	Prof. N.A. Chavan	
15.	Dr. P.Y. Pawade	
16.	Dr. P.V. Walke	
17.	Dr.M.M.Khanapurkar	
18.	Dr. S. S. Dorle	
19.	Dr. P.M. Daigavane	
20.	Mrs. A. Thomas	
21.	Dr. K.S. Mukharjee	
22.	Prof. A.U. Gahankari	
23.	Dr. B. P. Butey	
24.	Dr. V.K. Chandrakar	Teacher Members
25.	Mr. P. J. Wadhai	
26.	Dr. R.S. Shelke	
27.	Awaited	State Government Nominee
28.	Dr. V.M. Kriplani	Professor, Member
29.	Dr. S.G. Tarnekar	
30.	Ms. Nirali Mehta	Student Member
31.	Dr. Sujit Banerjee	Special Invited Member
32.	Dr. P.B. Nagarnaik	Member Secretary nominated by Director

Dr. Prasad Krishana, Mr. Kapil Jajulwar were sanctioned leave of absence.

Dr. P. B. Nagarnaik, Member Secretary welcomed all the honorable members and with permission of Chairman, presented the various points as per agenda.

AGENDA NO-1/20:

Confirmation of minutes of 19th Academic Council Meeting.

Resolution No.1/20:

The minutes of 19th meeting of the Academic Council was confirmed by the house by circulation

Main Points were:

- amendments of CBCS
- Approval of Minutes of Board of Studies
- Approval of Panel of Examiners for session 2016-17.

AGENDA NO-2/20:

Action taken report on the minutes of 19th Meeting.

Dr. P.B. Nagarnaik, Member Secretary presented the action taken report of the same.

Resolution No.2/20:

Action taken report on 19th meeting was approved by the house.

Main points were

- The nomenclature of the subject Mathematics is changed for all programmes from the session 2016-17.
- Changes in scheme of PG Electronics.

AGENDA NO-3/20:

Result Analysis

Result Analysis of even semesters of UG and PG programmes was presented.

AGENDA NO-4/20:

Absorption from Non-CBCS to CBCS

Defereed for Next Meeting

AGENDA NO-5/20:

To approve the list of Graduates for 4th Graduation day.

Member Secretary informed the house about the complete statistics of UG & PG students under Autonomous and RTMNU and presented the summary and list of Gold medalist and Silver medalist and toppers (Annexure-1).

Resolution No.5/20:

List of Graduates for 4th Graduation Day was approved with total 1363 candidates.

UG	Recommended for Degree				
Name of Program	SUMMER-2017	SUMMER-2016	SUMMER-2015	SUMMER-2014	TOTAL
Civil Engineering	145	3	1	1	150
Computer Science & Engineering	140	4	0	0	144
Electrical Engineering	153	0	0	0	153
Electronics Engineering	143	3	0	0	146
Electronics & Tele. Comm. Engineering	195	10	1	0	206
Information Technology	65	5	0	0	70
Mechanical Engineering	207	1	0	0	208
TOTAL	1048	26	2	1	1077

PG	Recommended for Degree				
Name of Program	SUMMER-2017	SUMMER-2016	SUMMER-2015		TOTAL
Environmental Engineering	11	1	0		12
Transportation Engineering	18	0	0		18
Structural Engineering	16	0	0		16
Computer Science & Engineering	33	1	0		34
Integrated Power System	19	4	0		23
Power Electronics & Drives	16	0	0		16
Electronics Engineering	17	0	0		17
VLSI	13	0	0		13
Communication Engineering	22	0	0		22
CAD /CAM	17	2	1		20
Heat Power Engineering	17	1	0		18
Embedded System & Computing	15	2	0		17
Mobile Technology	4	0	0		4
Wireless Comm. & Computing	7	0	0		7
Master of Computer Application	7	0	0		7
Master of Business Administration	42	0	0		42
TOTAL	274	11	1		286

AGENDA NO-6/20:

Report of Internal Evaluation Committee.

Dr. P.M. Daigavane, Convener of the Sub Committee, presented the Internal Evaluation Report in respects of the following 5 major activity groups.

Major Activity Groups :

- Teaching learning and evaluation processes
- Student development practices
- Faculty development practices
- Research and Development
- Quality Improvement Practices
- Outreach Activities

RESOLUTION NO.6/20:

House approved the Report of Internal Evaluation Committee.

- Dr. N.C. Shivprakash said it is better that committee can come with some suggestions
- House approved resolution for congratulating GHRCE for NIRF ranking

AGENDA NO-7/20:

Appointment of Internal Evaluation Committee for 2017-18

RESOLUTION NO.7/20:

Following committee is approved for the session 2017-18

- Dr. P. Y. Pawde
- Dr V. K Chandrakar
- Dr. O. K. Choudhary

AGENDA NO-8/20:

Overview of Academic Activities in 2016-17

- NIRF ranking
- Platinum category in AICTE-CII Survey
- 5th in filing patent applications
- Six Months Industry Internship 2016-17
- External Audit Observations

AGENDA NO-9/20:

Any other point with the permission of Chairperson.

9a. AICTE approved SWAYAM MOOCS Courses

RESOLUTION NO.9a/20:

House approved the Swayam Courses to be started in the institute for the session 2017-18.

9b. Director presented the proposal for Best Ph.D & PG Thesis Award and its criteria.

- House renamed the award from Best Ph.D to Promising Research Award with following criteria
 - Collaborative Research (Research Organization / Industry)- 20
 - Quality of Publications
 - WoS - 30
 - Scopus - 20
 - ICI / Google - 10
 - Patent applied-10
 - Initiative for product development / Commercialization and technology transfer-10
 - **Proposal submitted to funding agency / grant availed-10**
 - **Remarks of expert in pre-submission seminar-20**
 - **Paper Presentation and reviewers remarks/Awards received any during paper presentation-10**


9.c. PG Thesis

House approved best PG thesis award.

RESOLUTION NO.9b/20:

House approved the proposal for Promising Research Award and its criteria.

Meeting ended with vote of thanks proposed by Dr. P.B. Nagarnaik.


Dr. P. B. Nagarnaik
Member Secretary

Annexure-I
List of Gold Medalist and Toppers

Gold Medal for Summer-2017 (UG)						
SR.NO	NAME	BRANCH	YEAR	SEMESTER	SEC	FINAL CGPA
1	AMRIT KAUR	CSE	IV	EIGHTH	A	9.88

Silver Medal list for Summer-2017 (UG)						
SR.NO	NAME	BRANCH	YEAR	SEMESTER	SEC	FINAL CGPA
1	RENUKA VASANTRAO GUNDO	CIV	IV	EIGHTH	B	9.66
2	AMRIT KAUR	CSE	IV	EIGHTH	A	9.88
3	KUNAL PRABHAKAR KAWALE	ELE	IV	EIGHTH	A	9.48
4	DHANSHREE PRASHANT RONGHE	ETRX	IV	EIGHTH	A	9.73
5	KUMAR SHUBHAM	ETC	IV	EIGHTH	A	9.74
6	ANIMEKH MISRA	IFT	IV	EIGHTH	A	9.51
7	CHITRA ASHOK SHENDE	MEC	IV	EIGHTH	A	9.58

Toppers list year wise for Winter-16/Summer-2017 (UG)						
SR.NO	NAME	BRANCH	YEAR	SEMESTER	SEC	AVG SGPA
1	AKASH HELGE	CIV	IV	EIGHTH	A	10
2	ANKITA VINOD GURBHELE	CIV	IV	EIGHTH	A	9.9
3	RENUKA VASANTRAO GUNDO	CIV	IV	EIGHTH	B	9.93
4	SAMIKSHA SAHU	CIV	IV	EIGHTH	B	9.8
5	AMRIT KAUR	CSE	IV	EIGHTH	A	10
6	GAURI SATISH DESHMUKH	CSE	IV	EIGHTH	A	9.83
7	PALLAVI SINHA	CSE	IV	EIGHTH	B	9.92
8	UJWAL BHAURAO THAKRE	CSE	IV	EIGHTH	B	9.88
9	KUMAR SAURAV	ELE	IV	EIGHTH	A	9.97
10	DIVYA PRADEEP PURI	ELE	IV	EIGHTH	A	9.92
11	UTKARSHA SHESHRAO BULKUNDE	ELE	IV	EIGHTH	B	9.97
12	SNEHAL PRADEEP MESHARAM	ELE	IV	EIGHTH	B	9.78
13	MUKUL AVINASH JAVADEKAR	ETRX	IV	EIGHTH	A	9.93
14	AMLAN BHADRA	ETRX	IV	EIGHTH	A	9.88
15	ATUL VENUNATH KUMBHAR	ETRX	IV	EIGHTH	B	9.65
16	VAISHNAVI VIVEK HATWAR	ETRX	IV	EIGHTH	B	9.6
17	KUMAR SHUBHAM	ETC	IV	EIGHTH	A	9.98
18	MOHAMMAD SHOEB M.N.HUSSAIN	ETC	IV	EIGHTH	A	9.66
19	SAMIKSHA PRAMODRAO LOHOKARE	ETC	IV	EIGHTH	B	10
20	SAMREEN NAZ	ETC	IV	EIGHTH	B	9.98
21	RAJ DHANENDRA PATLE	ETC	IV	EIGHTH	C	9.93
22	SHASHANK DINKAR DAMBHARE	ETC	IV	EIGHTH	C	9.73
23	ANIMEKH MISRA	IFT	IV	EIGHTH	A	10
24	NIKHILESH KRISHNAPADA MANDAL	IFT	IV	EIGHTH	A	9.93
25	ABHISHEK RAJ	MEC	IV	EIGHTH	A	9.71
26	CHITRA ASHOK SHENDE	MEC	IV	EIGHTH	A	9.68
27	VISHAL VIJAY GATHBANDE	MEC	IV	EIGHTH	B	9.96
28	PUSHP RAJ	MEC	IV	EIGHTH	B	9.87
29	CHETAN DHIRENDRA SHARMA	MEC	IV	EIGHTH	C	9.46
30	MAITHILI RAJENDRA BHAVE	MEC	IV	EIGHTH	C	9.35

Gold Medal for summer-2017 (PG)

SR.NO	NAME	BRANCH	YEAR	SEMESTER	SEC	AVG SGPA
1	RUPALI SAHASRAM BIEN	PED	II	IV	A	9.63
2	ANAND RAJABHAU LAKHADIVE	MBA	II	IV	A	9.79

Silver Medal list for summer-2017 (PG)

SR.NO	NAME	BRANCH	YEAR	SEMESTER	SEC	FINAL CGPA
1	KHIYATI SHEWAKRAM BALWANI	ENV	II	IV	A	9.28
2	JAYANT ANAND THADANI	IPS	II	IV	A	9.13
3	SNEHA UDARAM MESHRAM	VLSI	II	IV	A	8.89
4	SONAM SATPAL KURDA	ETR	II	IV	A	9.56
5	HIMANSHU DEVENDRA WAGH	HPE	II	IV	A	9.25
6	KIRAN ANNASAHEB JAGTAP	CAD	II	IV	A	9.4
7	SUMITA SHYAMALKUMAR DAS	CSE	II	IV	A	9.48
8	SUKANYA SURESH CHAUDHARI	TPN	II	IV	A	9.55
9	ASHUTOSH PRAFULL WADHAI	CME	II	IV	A	9.06
10	MONIKA RAJENDRA JAIN	STR	II	IV	A	9.16
11	RUPALI SAHASRAM BIEN	PED	II	IV	A	9.63
12	SHAHEGUL AFROZ MOHD TUFAIL	WCC	II	IV	A	8.7
13	AVINASH DNYANESHWAR KURHE	ESC	II	IV	A	9.26
14	ANUJA PURUSHOTTAM ANWANE	MOT	II	IV	A	8.63
15	SADANAND VISHWANATH KOTHARI	MCA	III	VI	A	8.26


Dy. Director & Dean Academics

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Action Taken Report on 20th Meeting of Academic Council

Resolution No.1/20:

The minutes of 19th meeting of the Academic Council was confirmed by the house by circulation

Main Points were:

- amendments of CBCS
- Approval of Minutes of Board of Studies
- Approval of Panel of Examiners for session 2016-17.

Action Taken:

Approved minutes are displayed on Institute website

Resolution No.5/20:

List of Graduates for 4th Graduation Day was approved with total 1363 candidates

Action Taken:

The graduation certificates are awarded on 30th June 2017.

Resolution No.9a/20:

House approved the Swayam Courses to be started in the institute for the session 2017-18.

Action Taken:

37 Swayam Courses are started in the institute from the session 2017-18 as given below

SWAYAM COURSES REGISTERED TILL DATE						
SR. NO.	DEPT	SWAYAM COURSES REGISTERED	MAPPED WITH COLLEGE COURSE	SUBJECT TEACHER	SEM	NO. OF STUDENTS
1	IT	Fundamentals of Database systems	Database Management system	Prof.Arnab Bhattacharya	V	73
2	IT	Computer Architecture & Organization	Computer Architecture & Organization	T.H. Nagrare	III	60
3	IT	Data Structures and File Management	Data Structure Using C	Prof.T.H.Khan, Prof.J.J.shah		64
Total Students						197
4	ETRX	Modern digital communication techniques	Digital Communication	Nikhil Wyawahare/Ravi Tiwari	V	148
5	ETRX	Introduction to MATLAB programming	Digital Communication	Ravi Tiwari		67
Total Students						215
6	ME	Laws of thermodynamics	(Match with Thermo. Engg)	K. Rambhad	III	64

7	ME	Nature and Properties of Materials	(Match with Material Engg)	A. M. Murhekar,		62
8	ME	Manufacturing System Technology I And li	Manufacturing Process-II	Sk Bhagat		70
9	ME	Manufacturing System And Sustainability: An Applied Approach	Manufacturing Process-II	P B Pise	V	74
10	ME	Fundamentals of manufacturing processes		S. S. Kumbhalkar,		65
Total Students						209
11	EE	Basic Electrical Circuits	Network Theory	Pankaj Ramtekar	III	64
12	EE	Basic Electrical Circuits	Network Theory	V.P. Rajderkar		37
13	EE	Electrical Machines	Machine- I	Harshali Sonule		58
14	EE	Control Engineering	Control System 1	S.S. Khandelwal	V	62
15	EE	Control Engineering	Control System 1	V.P. Rajderkar		72
Total Students						134
16	CSE	Computer architecture and organization	Computer architecture and organization [BCSL202]	Prof. Umesh Sakhare	III	60
				Prof. Lalit Dole		63
17	CSE	Programming and Data Structure	Data Structure Using C [BCSL201]	Prof. Amreen Khan		61
18	CSE	Introduction to Operating System	Operating System [BCSL304]	Prof. U. P. Sakhare	V	70
				Prof. Piyush Ingole		70
				Prof. Mukta Khirwadkar		70
19	CSE	Fundamentals of Database Systems	Database Management System [BCSL303]	Prof. Shilpa Gajbhiye	V	73
				Prof. L. Dole		63
				Prof. S. Bongade		73
20	CSE	Programming in C++	Object Oriented Programming Through C++ [BITL202]	Prof. Neha Purohit		44
21	CSE	Introduction To Cryptology	Computer System Security [BITP304]	Prof. Sachin Gawate	VII	48
				Prof. S. Nimbhorkar		63
22	CSE	Cloud computing	Cloud Computing & Virtualization [CSEL533]	Prof. U. Shrawankar	VII	40
				Prof. Sofia Pillai		48
				Prof. G. R. Talmale		50
Total Students						896
23	ETC	Analog Communication	Communication Electronics	Prof. S. K. Tadse	III	63
24	ETC	Analog Communication	Communication Electronics	Prof. V.V. Padmawar		50

25	ETC	Analog Communication	Communication Electronics	Prof. A. Baisware		59
26	ETC	Modern Digital Communication Techniques	Modern Digital Communication	Prof. K.A AKANT	V	45
27	ETC	Modern Digital Communication Techniques	Modern Digital Communication	Prof. S. P. Sahu		60
28	ETC	Modern Digital Communication Techniques	Modern Digital Communication	Prof. M. Ingle		86
29	ETC	Modern Digital Communication Techniques	Modern Digital Communication	Prof. R.T.BANKAR		90
30	ETC	Microwave integrated circuits	Microwave Engineering	Prof. V. A. Tehre	VII	140
Total Students						593
31	CE	Geotechnical Engineering Laboratory	Geotechnical Engineering [PRACTICAL]	S.D.Ghodmare	III	62
32	CE	Strength Of Materials	Strength Of Materials	P.B.Patil		62
33	CE	Strength Of Materials	Strength Of Materials	Nikhil Pitale		42
34	CE	Geotechnical Engineering Laboratory	Geotechnical Engineering [PRACTICAL]	B.J GODBOLEY		42
35	CE	Geo Environmental Engineering	Mtech Environment	M.P Bhorkar		1
36	CE	Integrated Waste Management For A Smart City	Environmental Engineering -I (BCEL 219)	Isha P. Khedikar	V	74
37	CE	Project Management For Manegers	Project Planning And Management	A.A.Gulghane	VII	77
Total Students						151
Grand Total						2395

RESOLUTION NO.9b/20:

House approved the proposal for Promising Research Award and its criteria.

Action Taken:- Nominations are invited for best thesis awards. Committee is formed to evaluate the thesis as per approved criteria. Awards shall be presented on Engineers/Teachers Day programme.

Dr. P. B. Nagarnaik
Member Secretary